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CENSUS REPORTS

VOLUME VIII

TWELFTH CENSUS OF THE UNITED STATES,
TAKEN IN THE YEAR 1900

WILLIAM R. MERRIAM, DIRECTOR

MANUFACTURES

PART II

STATES AND TERRITORIES

PREPARED UNDER THE SUPERVISION OF S. N. D. NORTH,
CHIEF STATISTICIAN FOR MANUFACTURES

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LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
CENSUS OFFICE,
Washington, D. C., March 19, 1902.

SIR:

I have the honor to transmit herewith Part II of the Report on Manufactures for the Twelfth Census. The contents of Part II were necessarily prepared prior to the statistics of industries, which appear in Part I.

This volume contains the statistics of manufacturing and mechanical industries in the several states and territories and in their several subdivisions, comprising counties and cities; but the analysis and discussion of these tables appears in the introduction to Part I.

In the preparation of the text of the several state reports the Census Office was materially assisted by Mr. Frederick S. Hall, for the states of Ohio, West Virginia, Texas, and Nebraska; Mr. James Bowron, of Birmingham, for Alabama; Prof. Carl C. Plehn, of the University of California, for California; Mr. William A. Countryman, of the Census Office, for Connecticut; Mr. Arthur L. Hunt, of the Census Office, for Delaware; Mr. T. H. Martin, of Atlanta, for Georgia; Mr. J. M. Glenn, of Chicago, for Illinois; Mr. J. B. Conner, of Indianapolis, for Indiana; Prof. W. R. Patterson, of the University of Iowa, for Iowa; Mr. W. L. A. Johnson, Commissioner of Labor, Topeka, for Kansas; Mr. Stephen D. Smith, of Louisville, for Kentucky; Mr. A. L. Redden, of New Orleans, for Louisiana; Mr. Samuel W. Matthews, Commissioner of Labor, Augusta, for Maine; Mr. Richard H. Edmonds, of Baltimore, for Maryland; Hon. Horace G. Wadlin, Chief of the Bureau of Statistics of Labor, Boston, for Massachusetts; Mr. Harlan S. Person, of Ann Arbor, for Michigan; Hon. L. G. Powers, Chief Statistician for Agriculture, of the Census Office, for Minnesota; Prof. A. M. Muckenfuss, of Mill Saps College, for Mississippi; Mr. J. S. Higgins, of St. Louis, for Missouri; Mr. W. H. Stinson, of Goffstown, for New Hampshire; Hon. William Stainsby, Commissioner of Labor, Trenton, for New Jersey; Mr. A. F. Weber, Deputy Commissioner of Labor, Albany, for New York; Hon. B. R. Lacy, State Treasurer, Raleigh, for North Carolina; Mr. Albert S. Bolles, Haverford College, for Pennsylvania; Mr. George H. Webb, of Providence, for Rhode Island; Capt. Ellison A. Smyth, of Pelzer, for South Carolina; Dr. Charles A. Dabney, of the University of Tennessee, for Tennessee; Mr. W. B. Gates, of Burlington, for Vermont; Mr. W. P. C. Adams, of Olympia, for Washington; Mr. R. H. Odell, of Milwaukee, for Wisconsin; and Mr. Victor H. Olmsted, for Hawaii.

Very respectfully,

S. N. D. North
Chief Statistician for Manufactures.

Hon. WILLIAM R. MERRIAM,
Director of the Census.

STATISTICS OF MANUFACTURES.

INTRODUCTION.

Part II of the Report on Manufactures for the Twelfth Census contains the statistics of manufacturing and mechanical industries in the several states and territories (including Alaska and the Hawaiian Islands) and in their several subdivisions, comprising counties and cities. Thus it contains statistical tables which, at the Eleventh Census, were published partly in Volume I of the Report, and partly in Volume II. This change in the method of grouping the statistics brings all the figures relating to each state and territory together. It is believed this arrangement will be more convenient for general reference. The statistics for each state as a whole, for its leading industries, for its cities, and for its counties, are considered together. Accompanying the data is a brief text, descriptive of the origin and characteristics of the leading manufacturing industries peculiar to the state or territory. In the preparation of this descriptive text, the Census Office was assisted in many states by gentlemen selected for that purpose, who were especially familiar with the history, the development, and the characteristics of the manufacturing industries of their respective states.

The tables in this volume show the statistics of 1900 for each state and territory, and also for each city having a population of 20,000 or over, by specified industries; and the totals for all industries in each county and in each city with a population of less than 20,000. In order to present the statistics in a manner convenient for reference and comparison, a uniform series of tables is given for all states and territories in which the data were sufficient to permit of their preparation. These tables are described as follows:

1st. A comparison of the general totals for all industries in the state as reported for each census from 1850 to 1900, inclusive, with the percentage of increase or decrease for each decade, also the percentage which the average number of wage-earners employed in manufacturing establishments was of the total population and the percentage that the capital invested in manufacturing was of the total assessed value of all land and buildings at each census.

2d. A general summary for all industries reported at the census of 1900. In this summary the statistics are shown separately for (*a*) the hand trades, (*b*) governmental establishments, (*c*) educational, eleemosynary, reformatory, and penal institutions, and (*d*) all other establishments.

3d. The number and capital investment of establishments that were idle during the census year.

4th. A comparative summary of the statistics reported for the leading industries in each state at the censuses of 1890 and 1900.

5th. A comparative summary of the totals for all industries in each of the principal cities of the state as reported at the censuses of 1890 and 1900, with the percentages of increase or decrease.

6th. Urban manufactures; being a summary of the totals reported for the census of 1900, for all industries in each of the cities, towns, and villages of the state, showing the percentage which the totals for the urban manufactures are of the total for the state, and the rank of each place by value of products and by population.

At the census of 1900, all cities, towns, and villages, 1,341 in number, in which the manufacturing and mechanical industries were of sufficient importance, were withdrawn from the enumerators and assigned to special agents. The statistics for urban manufactures include the totals for all these cities, towns, villages, or boroughs, irrespective of their population.

7th. Totals for 1900 for all industries in each county.

8th. Statistics of 1900 for each state and territory by specified industries.

9th. Statistics of 1900 for each city in the state having a population of 20,000 and over, by specified industries.

10th. Totals for 1900 for all industries in the cities and towns having a population of less than 20,000.

The presentation of the statistics of states in the form of the above enumerated tables is followed in this volume by 5 tables, which are summary presentations of the statistics, as follows:

Table 1 is a comparative summary by states and territories of the statistics which have appeared in Table 1 for each state and territory.

Table 2 is a comparative summary of the totals for each of the principal cities reported at the censuses of 1880, 1890, and 1900.

Table 3 is a summary of the totals for each of the 1,341 cities, towns, and villages which are shown separately in 1900.

Table 4 is a summary of the statistics for 73 selected industries in 209 cities having a population of 20,000 and over, by industries, 1900.

Table 5 presents the totals for each of the 73 selected industries in each of the 209 cities. Cities in which there are less than 3 establishments reported for any industry are grouped as "all other cities." This table, therefore, shows

for each industry the extent to which it is segregated in the cities, as well as its importance in each separate city.

The introduction to Part I of the Report on Manufactures contains a discussion and analysis of the statistics of industries presented in Parts I and II. A full understanding of the data in the present volume can only be obtained by reference to that introduction. This is particularly true of the statistics of cities, which are there analyzed carefully in connection with a consideration of the general conditions surrounding the development of urban manufactures in the United States.

It is not deemed necessary to duplicate any considerable portion of this discussion in the present volume; but it is important that certain cautionary statements regarding the use of the statistics for comparative and other purposes shall be kept clearly in mind in the study of Part II, and these statements are therefore summarized below:

Comparison with Previous Censuses.—The census of manufactures has many important uses, among the chief of which is the *measure of growth* afforded by a comparison of the statistics for industries, for states, for cities, and for counties, from decade to decade. It is not always possible to make these comparisons, however, with exactness, by reason of repeated changes which have taken place from census to census in the form of inquiries contained in the schedules, in the industries canvassed, and in the methods of compilation. Such comparisons are practically impossible between the censuses prior to that of 1850, and, therefore, in these reports only incidental use has been made of the statistics they contain. From 1850 down to the census of 1890, the inexactness of such comparisons continues to be marked. It is believed that the comparisons between the censuses of 1890 and 1900 are more exact than has ever before been the case; but even between these two censuses there are certain important differences in the forms of inquiry, or the methods of handling the statistics in compilation, to which careful attention should be paid.

Capital.—In the inquiry concerning capital, comparisons have no real statistical value prior to the census of 1890. The form of the inquiry regarding capital, at all censuses down to and including 1880, was so vague and general in its character that it can not be assumed that any true proportion exists between the statistics on this subject, as elicited prior to 1890. At the census of 1880, the question read: "Capital (real and personal) invested in the business." At the census of 1890, live capital, i. e., cash on hand, bills receivable, unsettled ledger accounts, raw materials, stock in process of manufacture, finished products on hand, and other sundries, was for the first time included as a separate and distinct item of capital, and the capital invested in realty was divided between land, buildings, and machinery. The form of this inquiry at 1890 and 1900 was so similar that comparison may be safely made.

Salaried Officials.—No comparison of the statistics of the number and salaries of salaried officials of any character can be made between the reports of any census. Not until the census of 1890 did the census begin to sharply differentiate between salaried officials, i. e., employees engaged at a fixed compensation per annum, and the wage-earning class, i. e., employees paid by the hour, the day, the week, or the piece, for work performed and only for such work. Prior to 1890, such salaried officials, if returned at all, were returned with the wage-earners proper. At the census of 1890, the number and salaries of proprietors and firm members actively engaged in the business, or in supervision, were reported, combined with clerks and other officials. Where proprietors and firm members were reported without salaries, the amount that would ordinarily be paid for similar services was estimated. At the census of 1900, the number only of proprietors and firm members actively engaged in the industry or in supervision was ascertained, and no salaries were reported for this class, salaries, as a matter of fact, being rarely paid in such cases, proprietors and firm members usually depending upon the profits of the business for their compensation.

Employees and Wages.—At the censuses of 1850 and 1860, the inquiries regarding employees and wages called for "The average number of hands employed; male; female;" and "The average monthly cost of male labor," and "The average monthly cost of female labor." At the census of 1870, the average number of hands employed was called for, divided between "Males above 16 years, females above 15 years, and children and youth," and the "Total amount paid in wages during the year" was first called for. The inquiries at the census of 1880 were like those of 1870, though more extended for some of the selected industries.

At the census of 1890 the average number of persons employed during the entire year was called for, and also the average number employed at stated weekly rates of pay; and the average number was computed for the actual time the establishments were reported as being in operation. At the census of 1900 the greatest and least numbers of employees were reported, and also the average number employed during each month of the year. The average number of wage-earners (men, women, and children) employed during the entire year was computed in the Census Office by using 12, the number of calendar months, as a divisor into the total of the average numbers reported for each month. This difference in the method of ascertaining the average number of wage-earners during the entire year has resulted in a variation in the average number as between the two censuses, and should be considered in making comparisons.

Furthermore, the schedules for 1890 included in the wage-earning class "overseers, and foremen or superintendents (not general superintendents or managers)," while the census of 1900 separates from the wage-earning class such salaried employees as general superintendents, clerks, and salesmen. It is possible and probable that this change in the form of the question has resulted in eliminating from the wage-earners, as reported by the present census, many high-salaried employees included in that group for the census of 1890. It is believed that the form of inquiry and the method of computation adopted in 1900 are an improvement upon those of 1890; but it is obvious that compari-

sons between the results of any of the censuses, under these heads, can not be exact.

Miscellaneous Expenses.—The item of miscellaneous expenses was not shown in any census prior to that of 1890. Comparison between the totals reported under this item of inquiry in the various industries can be safely made between the two censuses, notwithstanding some slight changes in the grouping of the items on the schedule.

Materials.—The same statement is true regarding comparison with the items of materials used in manufacture. With the exception of the schedules on which a few selected industries were reported at the census of 1880, the question concerning materials was as follows: "Value of materials used (including mill supplies and fuel)." At the census of 1890 the schedule contained separate questions as to the kind, quantity, and cost of the principal materials, and the cost of "Mill supplies," "Fuel," and "All other materials." The amounts paid for rent of power and heat were also included under this head in 1890. It is probable that some of the items included in the cost of materials at the census of 1880 were included in "Miscellaneous expenses" at the inquiries of 1890 and 1900.

Products.—The statistics of products are comparable from the census of 1870, when the inquiry regarding the value of products first included the value of jobbing and repairing as an element in the productive value.

Classification.—Changes in the character of the manufactured products and the desirability of presenting statistics of certain industries in greater detail have resulted in certain new classifications, and also in changes in the wording of classifications as between the Twelfth Census and all prior censuses. These changes have been indicated in detail in Part I.

Certain minor industries included at one census have been excluded at others, and a list of industries thus excluded or included appears in Part I.

While the general discussion contained in Part I gives a full explanation of all features that should be considered in using the totals for purposes of comparison, or to show actual conditions, still there are three subjects that are so essential to a proper understanding of the statistics for each state that it is deemed proper to make a brief reference to them in this connection. These subjects are (1) The definition of the term "establishment," (2) The assignment of the reports from the separate establishments to the different states, counties, and cities, (3) The assignment of the reports from the separate establishments to the different groups of industries. It has been the practice at prior censuses to consider two or more plants, when owned by the same corporation, firm, or individual, and located in the same city and engaged in the same industry, as one establishment. As a general rule this practice has been followed at the Twelfth Census. In many cases, however, it was impossible to identify the reports made at different times for the separate plants of corporations. In other cases, while the different plants were engaged in the same general line of industry, each was devoted to a distinct process, as for instance, a blast furnace and a rolling mill operated by the same company; in such cases it was necessary to count each plant as a separate establishment so as to show the statistics for the separate branches of the industry. Therefore, the term "establishment," as used in these reports, is indefinite and can not be accepted as showing either the actual number of individuals, corporaations, or firms carrying on independent manufacturing enterprises, buildings, or groups of buildings.

The assignment of the reports of manufacturers to the different states, counties, and cities, has been made according to the exact location of the plant. This confines the statistics for the industries in each city to the plants contained within its corporate limits, and those for the states and counties to the plants within their respective limits.

The reports for the individual establishments were classified according to the finished product of chief value, so as to bring together those for all establishments engaged in the same industry. Therefore, while there may appear a given number of establishments in a certain class of industry, it does not follow that the articles covered by that class are not manufactured in other establishments. The manufacture of "Iron and steel, nails and spikes, cut and wrought, including wire nails," for instance, is shown as a separate branch of industry, but some of the establishments classed as "Iron and steel" make nails. In fact, a large proportion of the wire nails are made in iron and steel rolling mills. Therefore, the figures given for the classification of "Iron and steel, nails and spikes, cut and wrought, including wire nails" can not be considered as representing all of the nails made in manufacturing establishments in the respective states during the census year, nor should it be considered as referring entirely to nails as a product.

MANUFACTURES AND THE MECHANICAL INDUSTRIES,

BY STATES AND TERRITORIES.

ALABAMA.

Table 1 shows the manufacturing and mechanical industries of the state of Alabama as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	5,602	2,977	2,070	2,188	1,459	1,026	88.2	43.8	[1]5.4	50.0	42.2
Capital	$70,370,081	$46,122,571	$9,668,008	$5,714,032	$9,098,181	$3,450,606	52.6	377.1	69.2	[1]37.2	163.7
Salaried officials, clerks, etc., number	2,530	[2]2,684	(3)	(3)	(3)	(3)	[1]5.7	------	------	------	------
Salaries	$2,168,671	[2]$1,876,282	(3)	(3)	(3)	(3)	15.6	------	------	------	------
Wage-earners, average number	52,902	31,137	10,019	8,248	7,889	4,936	69.9	210.8	21.5	4.6	59.8
Total wages	$15,130,419	$10,799,747	$2,500,504	$2,227,968	$2,132,940	$1,105,824	40.1	331.9	12.2	4.5	92.9
Men, 16 years and over	45,530	27,848	8,368	7,196	6,792	4,397	63.5	232.8	16.3	5.9	54.5
Wages	$14,073,456	$10,231,041	(3)	(3)	(3)	(3)	37.6	------	------	------	------
Women, 16 years and over	3,898	1,864	842	664	1,097	539	109.1	121.4	26.8	[1]39.5	103.5
Wages	$704,099	$416,610	(3)	(3)	(3)	(3)	69.0	------	------	------	------
Children, under 16 years	3,474	1,425	809	388	(3)	(3)	143.8	76.1	108.5	------	------
Wages	$352,864	$152,096	(3)	(3)	(3)	(3)	132.0	------	------	------	------
Miscellaneous expenses	$3,828,402	$2,797,896	(4)	(4)	(4)	(4)	36.8	------	------	------	------
Cost of materials used	$44,098,671	$28,432,281	$8,545,520	$7,592,837	$5,489,963	$2,224,960	55.1	232.7	12.5	38.3	146.7
Value of products, including custom work and repairing	$80,741,449	$51,226,605	$13,565,504	$13,040,644	$10,588,566	$4,528,876	57.6	277.6	4.0	23.2	133.8
Total population	1,828,697	1,513,017	1,262,505	996,992	964,201	771,623	20.9	19.8	26.6	3.4	25.0
Wage-earners engaged in manufactures	52,902	31,137	10,019	8,248	7,889	4,936	69.9	210.8	21.5	4.6	59.8
Per cent of total population	2.9	2.1	0.8	0.8	0.8	0.6	------	------	------	------	------
Assessed value of real estate	[5]$158,390,273	$154,706,484	$77,374,008	$117,223,043	$155,034,089	$78,870,718	2.4	99.9	[1]34.0	[1]24.4	96.6
Value of land and buildings invested in manufactures[6]	$24,978,473	$12,709,521	(3)	(3)	(3)	(3)	96.5	------	------	------	------
Per cent of assessed value	15.8	8.2	------	------	------	------	------	------	------	------	------

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[3] Not reported separately.
[4] Not reported.
[5] As given for the year 1900 in the annual report of the auditor of the state of Alabama.
[6] Does not include the value of rented property.

Although Alabama is an agricultural state, Table 1 shows that there has been a remarkable growth in the manufacturing and mechanical industries during the half century. The population increased during these years from 771,623 to 1,828,697, or 137 per cent, while the average number of wage-earners employed in manufacturing establishments increased from 4,936 to 52,902, or 971.8 per cent. This growth of the wage-earning class has been very marked in the last two decades and particularly in the decade 1880 to 1890, when the increase was 210.8 per cent as compared with an increase of 19.8 per cent in total population. In 1900 the average number of wage-earners in manufactures constituted 2.9 per cent of the total population as compared with eight-tenths of 1 per cent in 1880. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 76,931, or 4.2 per cent of the total population of the state.

The rapid growth of the manufacturing industries of Alabama during the last twenty-five years is due to the utilization of the state's rich mineral resources which were neglected in the earlier years of the century. The development of the iron industry and of coal mining has stimulated a variety of manufactures which are centered in the Birmingham district, in the northern part of the state where the mineral deposits exist. The abundance of coal has made unnecessary any extensive use of the waterpower of the state on the Coosa, Tennessee, and Tallapoosa rivers, although on the Tallapoosa near Montgomery one of the largest waterpower plants in the South has recently been constructed.[1] It is noteworthy that the great development of manufactures in the northern part of the state has taken place largely without the advantage of navigable water for the cheap shipment of products. For years efforts have been made to connect the Birmingham district with tidewater at Mobile Bay by means of a canal and the construction of locks on the Warrior River. Of the 5 locks projected 3 were completed in 1895, and a route for the canal has been surveyed by engineers of the United States. It is estimated that water communication with Mobile would reduce freight charges on iron 80 per cent.

[1] Handbook of Alabama, 1892, by Saffold Berney, page 494.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for educational, eleemosynary, and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and are, therefore, omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	13,563	$72,486,449	15,410	60,703	$15,381,499	$3,878,113	$44,504,146	$17,906,094	$20,058,682	$6,539,370	$81,962,762
Hand trades[1]	1,091	1,498,856	1,288	2,809	988,951	182,430	1,907,871	6,114	1,846,356	55,401	4,263,862
Educational, eleemosynary, and penal institutions	10	135,456	1	83	8,522	352	59,567	26,193	27,920	5,454	92,588
Establishments with a product of less than $500	7,951	1,980,912	8,665	7,718	242,558	49,359	345,908	106,965	238,943		1,128,725
All other establishments	4,511	68,871,225	5,456	50,093	14,141,468	3,645,972	42,190,800	17,766,822	17,945,463	6,478,515	76,477,587

[1] Includes bicycle and tricycle repairing, 35; blacksmithing and wheelwrighting, 452; boots and shoes, custom work and repairing, 118; carpentering, 73; clothing, men's, custom work and repairing, 54; clothing, women's, dressmaking, 19; dyeing and cleaning, 16; furniture, cabinetmaking, repairing, and upholstering, 19; lock and gun smithing, 14; masonry, brick and stone, 14; millinery, custom work, 110; painting, house, sign, etc., 16; paper hanging, 2; plastering and stuccowork, 1; plumbing, and gas and steam fitting, 47; sewing machine repairing, 6; typewriter repairing, 3; watch, clock, and jewelry repairing, 92.

Of the 13,563 establishments of all classes shown in this table, 9,042, or 66.7 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $5,392,587, or only 6.6 per cent of the total products of the state.

In addition to the 13,563 active establishments in the state during the census year, with a capital of $72,486,449, shown in Table 2, there were 121 idle establishments, with a capital of $3,388,916, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Brick and tile	7	$10,285	Leather, tanned, curried, and finished	5	$3,700
Coke	1	20,000	Lumber and timber products	31	120,305
Flouring and grist mill products	8	11,207	Lumber, planing mill products, including sash, doors, and blinds	3	37,160
Foundry and machine shop products	1	84,499	Pottery, terra cotta, and fire-clay products	3	65,700
Hardware	1	37,700	All other industries	49	31,471
Iron and steel	12	2,966,889			

The 11 leading industries of the state in 1900, as shown in Table 3, embraced 3,335 establishments, or 59.5 per cent of the total number in the state; used a capital of $57,809,426, or 82.2 per cent of the total; gave employment to 37,347 wage-earners, or 70.6 per cent of the total number; and paid in wages $10,657,960, or 70.4 per cent of the total. The value of their products was $62,382,686, or 77.3 per cent of the total value of the products in the state.

TABLE 3.—COMPARATIVE SUMMARY OF ELEVEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	3,335	$57,809,426	37,347	$10,657,960	$2,658,306	$36,238,387	$62,382,686
	1890	1,544	35,865,769	20,657	6,598,977	1,904,398	20,862,385	34,814,502
Increase, 1890 to 1900		1,791	21,943,657	16,690	4,058,983	753,908	15,376,002	27,568,184
Per cent of increase		116.0	61.2	80.8	61.5	39.6	73.7	79.2
Per cent of total of all industries in state	1900	59.5	82.2	70.6	70.4	69.4	82.2	77.3
	1890	51.9	77.8	66.3	61.1	68.1	73.4	68.0
Cars and general shop construction and repairs by steam railroad companies.	1900	19	2,019,434	4,030	1,941,031	86,045	2,032,166	4,172,192
	1890	12	909,911	1,373	761,134		784,304	1,581,207
Coke	1900	15	3,855,379	1,592	535,622	180,290	2,673,568	3,726,433
	1890	19	1,368,238	1,120	432,143	7,994	1,810,274	2,474,377
Cotton, ginning[1]	1900	1,216	2,006,406	1,518	194,133	42,560	291,729	1,218,283
	1890	212	289,228	792	57,161	14,263	35,982	213,529
Cotton goods	1900	31	11,638,757	8,332	1,482,226	511,296	4,825,981	8,153,136
	1890	13	2,853,015	2,088	402,908	154,893	1,459,048	2,190,771
Fertilizers	1900	17	1,407,323	439	94,965	92,704	1,387,385	2,068,162
	1890	8	709,250	230	42,835	48,715	519,713	765,000

[1] Does not include many ginneries operated in connection with saw, grist, and cottonseed-oil mills, or for the use exclusively of plantations on which they are located. For the full number of ginneries in operation reference should be made to the special report on cotton ginning.

TABLE 3.—COMPARATIVE SUMMARY OF ELEVEN LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Flouring and grist mill products	1900	781	$1,047,961	540	$92,858	$34,654	$2,787,634	$3,310,757
	1890	702	1,410,730	1,043	157,134	56,535	2,471,828	3,060,452
Foundry and machine shop products	1900	74	4,826,825	3,461	1,329,566	298,553	2,755,921	5,482,441
	1890	41	2,355,253	1,460	736,002	113,262	817,023	2,195,913
Iron and steel	1900	25	15,913,479	7,238	2,454,401	896,126	10,062,094	17,392,483
	1890	35	17,879,583	5,685	2,202,964	1,089,690	7,425,344	12,544,227
Leather, tanned, curried, and finished	1900	18	464,005	165	71,440	44,107	672,017	1,005,358
	1890	21	88,045	41	7,997	1,546	42,539	77,066
Lumber and timber products	1900	1,111	13,020,183	9,273	2,265,018	277,521	6,646,124	12,867,551
	1890	472	7,460,108	6,335	1,712,336	330,497	4,551,261	8,507,971
Oil, cottonseed and cake	1900	28	1,609,674	759	196,700	194,450	2,103,768	2,985,890
	1890	9	592,408	490	86,363	87,003	945,069	1,203,989

Table 3 shows that the manufacture of iron and steel is the most important industry in the state. The 25 establishments reported for this industry in 1900 gave employment to 7,238 wage-earners, or 13.7 per cent of the wage-earners in the state, and the products were valued at $17,392,483, or 21.5 per cent of the total value of the products of the state. In 1890 there were 35 establishments reported, with 5,685 wage-earners, and products valued at $12,544,227. The increase in the value of products during the decade was $4,848,256, or 38.6 per cent.

The importance of the iron and steel industry in Alabama is directly due to the development of extensive deposits of iron ore, coal, limestone, and dolomite, which are found in most unusual proximity in the Birmingham district. This combination of natural advantages makes it possible to produce pig iron at very low cost. A charcoal furnace was built as early as 1818,[1] but it was not until 1874 that the manufacture began to assume importance. Birmingham, named after England's iron center, was founded in 1871, Anniston in 1872, Sheffield in 1883, and Bessemer in 1887. An important epoch in the history of the industry began in 1895, when it was demonstrated that Alabama pig iron could be laid down in Liverpool, grade for grade, at less than the price of Middlesboro iron shipped across England to that point. Exports to England, continental Europe, and Japan in 1896 amounted to 65,000 tons,[2] and in 1900 to 113,185 tons, a quantity greatly in excess of that reported for any other state. The total production of pig iron in the state in 1860 was valued at $64,590, in 1870 at $210,258, in 1880 at $1,405,356, in 1890 at $10,315,691, and in 1900 at $13,465,616. The most important grade manufactured in the state in 1900 was foundry iron, no other state producing so large a quantity.

Although the manufacture of steel in Alabama is in its infancy, every indication points to a development as rapid as that shown in pig iron. It seems to be established that the iron ores of Alabama are not suited to the manufacture of steel by the acid or basic Bessemer processes, because of their large percentage of phosphorus and silica, and therefore manufacturers using these ores are practically restricted to the basic open-hearth process. The first attempt to manufacture steel in the state was made in 1888, but until 1897 only indifferent success was attained.[3] In 1900 there were 12 basic open-hearth furnaces in the state with a daily capacity of 1,210 tons of steel ingots. The manufacture was greatly stimulated by the fact that many engineers and architects, in 1896, began to show a preference for open-hearth steel, stipulating in their specifications that this variety should be used.

Related to the iron and steel industry is the manufacture of foundry and machine shop products. There were 74 establishments engaged in this industry in 1900, with 3,461 wage-earners, and products valued at $5,482,441. In 1890 there were 41 establishments reported, with 1,460 wage-earners, and products valued at $2,195,913. The value of products increased $3,286,528, or 149.7 per cent during the decade. This industry has been stimulated by the large production of pig iron, and has in turn reacted to increase that production. One of the most important of Alabama's foundry products is cast-iron pipe. There were 11 establishments, most of them at Bessemer, Anniston, and Birmingham, engaged in this manufacture during the census year. Some of these export products to foreign countries. Other important iron products of the state are stoves, car wheels, boilers, and engines.

The various iron industries have continued to advance since the close of the census year. One of the largest plants in the United States for the manufacture of wire and wire nails has been put into operation at Ensley, a large establishment for the manufacture of steel cars is now being built at the same place, and a tube works and cotton tie plant has been started at Helena.

The manufacture of coke is also closely connected with the iron manufacture. There were 15 coke establishments in Alabama in 1900, with 1,592 wage-earners, and products

[1] Iron Making in Alabama, Second edition, 1898, by W. B. Phillips, consulting chemist of the Alabama Geological Survey, page 8.

[2] Ibid., page 15.

[3] Ibid., pages 290, 296, and 312.

valued at $3,726,433, the state ranking third in the United States in this industry. In 1890 there were 19 establishments, 1,120 wage-earners, and products valued at $2,474,377. The value of products increased $1,252,056, or 50.6 per cent during the decade.

The manufacture of lumber and timber products ranks second. There were 1,111 establishments reported for 1900, with 9,273 wage-earners, and products valued at $12,867,551. In 1890 there were 472 establishments engaged in this industry, with 6,335 wage-earners, and products valued at $8,507,971. The increase in the value of products during the decade was $4,359,580, or 51.2 per cent, and a considerable portion of Alabama's forests is yet untouched by the axe.[1] The lower part of the maritime pine belt is considered equal in extent and quality to the timber lands in the adjoining parts of Florida and Mississippi, and is said to be unsurpassed by the most favored sections of the Atlantic pine forest.[2] A large quantity of timber is floated down streams and sawed in the mills of Florida.[3]

Dependent also upon the forests of the state is the manufacture of turpentine and rosin. There were 152 establishments engaged in this industry in 1900, with 3,716 wage-earners, and products valued at $2,033,705. The statistics of the 7 establishments reported in 1890 were not shown separately, and comparisons with that year are not possible.

There were 31 establishments engaged in the manufacture of cotton goods in 1900, the industry third in rank, with 8,332 wage-earners, and products valued at $8,153,136. In 1890, 13 establishments were reported, with 2,088 wage-earners, and products valued at $2,190,771. The increase in value of products during the decade was $5,962,365, or 272.2 per cent, a greater absolute increase than is shown in any other industry in the state.

There were 19 establishments engaged in the construction and repair shop work of steam railroad companies in 1900, with 4,030 wage-earners, and products valued at $4,172,192. In 1890 there were 12 establishments, 1,373 wage-earners, and products valued at $1,581,207. The increase in the value of products was $2,590,985, or 163.9 per cent. The development of this industry is due to the railroads connecting the Birmingham district with other parts of the country. Six roads center at the city of Birmingham, and several have shops there. Two large establishments, 1 at Anniston, and 1 at Gadsden, manufacture cars for steam railroads, but the statistics for these can not be shown separately without disclosing the operations of individual establishments.

[1] Handbook of Alabama, page 449.
[2] The Timber Pines of the Southern United States, page 38. (Bulletin No. 13, 1897, United States Department of Agriculture, Division of Forestry.)
[3] Ibid., pages 40 and 42.

There were 781 establishments engaged in flour and grist milling in 1900, with 540 wage-earners, and products valued at $3,310,757. In 1890 there were 702 establishments, 1,043 wage-earners, and products valued at $3,060,452. The increase in the value of products during the decade was $250,305, or 8.2 per cent.

There were 28 establishments engaged in the manufacture of cottonseed oil and cake in 1900, with 759 wage-earners, and products valued at $2,985,890. In 1890 there were 9 establishments, 490 wage-earners, and products valued at $1,203,989. The increase in the value of products during the decade was $1,781,901, or 148 per cent. Allied to this industry is cotton ginning, with 1,216 establishments in 1900, and 1,518 wage-earners. The receipts for ginning and other work done amounted to $1,218,283. In 1890 there were 212 establishments reported, with 792 wage-earners, and the receipts for ginning and other work done amounted to $213,529. The increase in these receipts during the decade was $1,004,754, or 470.5 per cent. These figures do not include the operations of many private plantation ginneries, or ginneries connected with saw, grist, or cottonseed-oil mills. For the full number of ginneries in operation reference should be made to the special report on cotton ginning. These two industries are directly dependent on the large cotton crop of the state, which in 1899 amounted to 1,103,690 commercial bales, or 11.5 per cent of the production of the United States.[4]

In 1900, 17 establishments were reported as engaged in the manufacture of fertilizers, with 439 wage-earners, and products valued at $2,068,162. In 1890 there were 8 establishments, 230 wage-earners, and products valued at $765,000. The value of products increased $1,303,162, or 170.3 per cent, during the decade. This growth is due, on the one hand, to the extensive market for fertilizers in the cotton section of the state, and, on the other, to the large production of cottonseed meal. The principal fertilizer manufactured is a combination of this meal with phosphates from the adjacent fields of Florida.

In 1900, 18 establishments were reported as engaged in the tanning, currying, and finishing of leather, with 165 wage-earners, and products valued at $1,005,358. In 1890 there were 21 establishments, 41 wage-earners, and products valued at $77,066. The value of products increased $928,292, or 1,204.5 per cent, during the decade.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Birmingham, Mobile, and Montgomery, as returned at the censuses of 1890 and 1900, with the percentages of increase.

[4] See special report on cotton ginning, Part III.

TABLE 4.—COMPARATIVE SUMMARY, BIRMINGHAM, MOBILE, AND MONTGOMERY, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
The State	1900	5,602	$70,370,081	52,902	$15,130,419	$3,828,402	$44,098,671	$80,741,449
	1890	2,977	46,122,571	31,137	10,799,747	2,797,896	28,432,281	51,226,605
Per cent of increase		88.2	52.6	69.9	40.1	36.8	55.1	57.6
Birmingham	1900	283	7,434,654	6,675	2,587,221	533,368	6,045,552	12,581,066
	1890	283	4,553,478	3,247	1,668,312	545,290	3,508,588	7,034,248
Per cent of increase			63.3	105.6	55.5	[1]2.2	72.3	78.9
Mobile	1900	222	3,294,238	2,827	1,139,605	272,987	2,046,400	4,451,062
	1890	261	2,236,318	2,719	950,270	226,987	1,814,463	3,826,399
Per cent of increase		[1]14.9	47.3	4.0	19.9	20.3	12.8	16.3
Montgomery	1900	163	2,930,782	2,359	802,188	342,890	2,902,054	5,035,190
	1890	138	1,684,271	1,689	634,423	140,829	1,753,166	3,234,962
Per cent of increase		18.1	74.0	39.7	26.4	143.5	65.5	55.6
Total for 3 cities	1900	668	13,659,674	11,861	4,529,014	1,149,245	10,994,006	22,067,318
	1890	682	8,474,067	7,655	3,248,005	913,106	7,076,217	14,095,609
Per cent of increase		[1]2.1	61.2	54.9	39.4	25.9	55.4	56.6
Per cent of 3 cities to total for state	1900	11.9	19.4	22.4	29.9	30.0	24.9	27.3
	1890	22.9	18.4	24.6	30.1	32.6	24.9	27.5

[1] Decrease.

It appears from Table 4 that there has been a considerable increase during the past decade in the manufactures of these cities. The average number of wage-earners increased from 7,655 to 11,861, or 54.9 per cent, and the value of products from $14,095,609 to $22,067,318, or 56.6 per cent. The number of establishments decreased, however, from 682 to 668, or 2.1 per cent. The increase in the average number of wage-earners and value of products has been smaller in these 3 cities than in the state as a whole. Birmingham, the leading manufacturing city, shows the greatest growth, the value of products having increased from $7,034,248 in 1890 to $12,581,066 in 1900, or 78.9 per cent. The number of establishments remained the same as in 1890, that is, 283, but the number of wage-earners increased from 3,247 to 6,675, or 105.6 per cent. The number of establishments, number of wage-earners, and value of products, in this city in 1900, constituted 5.1, 12.6, and 15.6 per cent, respectively, of the totals for the state.

Table 5 presents the totals for the manufacturing industries of the 18 cities and towns withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and towns, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Products. Value.	Products. Rank.	Products. Per cent of total.	Population. Total.	Population. Rank.	Population. Per cent of total.
Total for state	5,602	$70,370,081	6,744	52,902	$15,130,419	$3,828,402	$44,098,671	$80,741,449	------	100.0	1,828,697	------	100.0
Total for urban manufactures	1,223	29,227,196	1,277	22,681	8,084,517	2,209,028	21,712,626	40,219,646	------	49.8	183,651	------	10.0
Anniston	59	2,396,273	52	1,997	649,983	134,530	1,414,873	2,594,758	6	3.2	9,695	4	0.5
Bessemer	42	3,620,082	33	1,669	605,741	317,590	2,206,654	3,561,549	4	4.4	6,358	8	0.3
Birmingham	283	7,434,654	284	6,675	2,587,221	533,368	6,045,552	12,581,066	1	15.6	38,415	2	2.1
Decatur	24	229,807	25	198	54,650	7,574	108,799	237,265	15	0.3	3,114	16	0.2
Florence	33	871,373	30	595	177,813	50,370	693,432	1,037,471	10	1.3	6,478	7	0.4
Fort Payne	17	85,405	21	88	37,982	4,206	71,652	155,916	16	0.2	1,037	18	0.1
Gadsden	35	1,184,805	47	520	165,475	24,130	463,738	848,751	11	1.1	4,282	12	0.2
Huntsville	79	1,877,781	85	1,203	283,575	152,637	890,118	1,728,711	8	2.2	8,068	6	0.4
Mobile	222	3,294,238	238	2,827	1,139,605	272,987	2,046,400	4,451,062	3	5.5	38,469	1	2.1
Montgomery	163	2,930,782	196	2,359	802,188	342,890	2,902,054	5,035,190	2	6.2	30,346	3	1.7
New Decatur	30	1,348,871	25	1,521	700,196	81,286	1,833,549	2,976,919	5	3.7	4,437	11	0.2
Opelika	30	148,275	34	214	48,023	10,943	206,280	335,071	14	0.4	4,245	13	0.2
Phoenix	6	33,595	5	16	4,548	5,361	7,644	22,350	18	([1])	4,163	14	0.2
Selma	98	1,296,308	98	1,343	392,016	93,034	1,163,936	2,015,777	7	2.5	8,713	5	0.5
Sheffield	21	1,226,258	25	678	246,009	123,390	874,592	1,461,418	9	1.8	3,333	15	0.2
Talladega	22	848,414	13	343	77,311	25,979	427,544	583,902	12	0.7	5,056	10	0.3
Tuscaloosa	43	353,925	44	407	104,141	26,918	304,529	511,683	13	0.6	5,094	9	0.3
Tuscumbia	16	46,350	22	28	8,040	1,785	51,280	80,787	17	0.1	2,348	17	0.1
Total for state exclusive of urban manufactures	4,379	41,142,885	5,467	30,221	7,045,902	1,619,374	22,386,045	40,521,803	------	50.2	1,645,046	------	90.0
Per cent of urban manufactures to total for state	21.8	41.5	18.9	42.9	53.4	57.7	49.2	49.8	------	------	10.0	------	------

[1] Less than one-tenth of 1 per cent.

Of the 5,602 establishments in the state, 1,223, or 21.8 per cent, are located in these 18 cities and towns. They furnished employment to 22,681 wage-earners, or 42.9 per cent of the total number, and the value of their products, $40,219,646, formed 49.8 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Birmingham, Mobile, and Montgomery by specified industries.

Table 9 shows the totals for the cities and towns withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	5,602	$70,370,081	$10,021,049	$14,957,424	$24,159,595	$21,232,013	6,744	2,530	$2,168,671	52,902	$15,130,419
2	Autauga	53	1,420,973	245,779	236,351	396,884	541,959	56	69	66,428	887	233,038
3	Baldwin	41	1,377,882	865,184	44,600	245,552	222,546	45	40	30,710	666	156,711
4	Barbour	74	615,359	55,023	95,093	339,312	125,931	76	23	15,315	600	97,048
5	Bibb	53	746,569	399,941	25,040	229,387	92,201	61	12	6,749	398	90,379
6	Blount	74	100,319	13,156	11,505	63,657	12,001	105	1	300	139	43,578
7	Bullock	64	264,068	20,905	62,237	145,728	35,198	67	15	6,894	217	36,505
8	Butler	51	789,931	191,941	57,315	390,998	149,677	57	20	19,660	638	173,225
9	Calhoun	171	3,266,363	229,310	554,597	1,326,511	1,155,945	198	93	83,576	2,711	769,374
10	Chambers	96	2,146,349	84,654	386,663	905,068	769,964	116	28	33,811	1,453	274,919
11	Cherokee	73	306,881	27,056	114,145	98,161	67,519	92	10	9,659	201	42,402
12	Chilton	49	548,458	169,085	55,745	243,866	79,762	64	12	11,050	413	88,030
13	Choctaw	43	67,676	7,671	11,625	35,705	12,675	55	6	1,325	143	23,883
14	Clarke	63	687,808	218,420	57,936	282,804	128,648	82	32	23,500	389	108,611
15	Clay	62	237,886	48,574	11,238	107,360	70,714	92	5	4,475	263	48,778
16	Cleburne	62	125,232	20,492	15,790	60,400	28,550	83	2	744	147	35,803
17	Coffee	72	279,449	83,606	38,059	83,839	73,945	95	26	11,600	624	129,094
18	Colbert	76	1,399,243	119,790	591,429	284,706	403,318	92	31	38,446	881	281,798
19	Conecuh	55	226,326	107,882	18,006	57,056	43,382	82	10	5,060	344	78,357
20	Coosa	47	87,428	16,841	12,880	46,735	10,972	61	3	792	119	26,503
21	Covington	72	522,113	184,236	42,526	133,644	161,707	96	25	15,860	631	146,172
22	Crenshaw	59	221,153	88,907	19,895	80,223	32,128	93	25	8,390	314	58,344
23	Cullman	54	107,433	10,299	21,385	53,692	22,057	67	8	1,004	103	23,818
24	Dale	56	145,193	15,018	26,092	57,846	46,237	63	9	3,786	189	35,376
25	Dallas	170	1,448,352	86,463	252,198	642,968	466,723	179	140	106,828	1,489	416,561
26	Dekalb	109	240,116	50,158	28,418	92,664	68,876	136	10	7,900	206	59,873
27	Elmore	56	1,607,156	58,785	511,965	348,368	688,038	63	13	20,605	990	190,097
28	Escambia	25	1,151,692	682,153	43,457	238,304	187,778	36	20	15,573	421	113,299
29	Etowah	96	1,925,207	226,752	478,595	618,926	600,934	133	50	49,338	1,418	349,984
30	Fayette	28	39,052	2,785	5,008	25,882	5,377	37			33	4,831
31	Franklin	47	310,447	65,783	28,880	96,925	118,859	62	11	15,350	222	56,627
32	Geneva	67	320,676	111,211	30,179	69,467	109,819	99	21	9,050	778	157,588
33	Greene	33	46,177	1,182	8,530	34,975	1,490	37	4	515	46	6,249
34	Hale	51	131,053	14,870	24,855	71,535	19,793	71	7	1,016	110	21,028
35	Henry	136	383,380	66,204	41,786	139,568	135,822	169	42	14,540	694	139,017
36	Jackson	108	295,629	41,915	44,311	126,953	82,450	137	20	13,883	384	87,135
37	Jefferson	470	22,308,336	2,027,878	6,227,501	7,233,887	6,819,070	496	625	699,560	14,076	4,960,342
38	Lamar	60	110,115	27,321	13,065	46,394	23,335	72	3	800	128	29,192
39	Lauderdale	94	1,303,733	83,830	283,726	369,548	566,629	108	64	48,567	1,030	238,266
40	Lawrence	55	94,661	23,495	12,815	43,930	14,421	66	2	600	79	12,331
41	Lee	87	285,673	44,580	41,197	112,160	87,736	92	28	14,270	323	69,081
42	Limestone	92	128,801	17,636	20,975	63,380	26,810	119	2	1,050	135	26,673
43	Lowndes	56	92,695	4,550	22,795	61,775	3,575	62	6	937	90	13,117
44	Macon	50	100,735	15,860	16,585	51,375	16,915	61	6	1,340	87	16,544
45	Madison	168	2,093,341	110,687	321,805	919,547	741,302	197	66	60,018	1,490	344,204
46	Marengo	80	440,619	54,167	91,589	220,692	74,171	84	33	19,639	422	77,110
47	Marion	35	60,267	16,732	10,735	28,700	4,100	51	2	184	36	5,645
48	Marshall	79	111,529	13,966	15,302	58,680	23,581	100	4	4,080	185	30,648
49	Mobile	278	5,681,918	1,230,206	764,794	1,802,177	1,884,741	303	294	251,248	4,762	1,744,115
50	Monroe	57	417,908	180,487	26,630	138,870	71,921	54	20	12,130	476	99,048
51	Montgomery	212	3,116,417	251,550	541,963	1,103,350	1,219,554	253	218	167,308	2,518	832,031
52	Morgan	115	1,722,329	106,076	355,375	646,299	614,579	132	71	59,364	1,798	773,889
53	Perry	74	184,446	14,148	38,595	102,069	29,634	90	16	4,969	115	22,622
54	Pickens	58	94,249	17,553	15,390	48,260	13,046	74	1	100	89	13,204
55	Pike	99	478,282	44,434	77,738	145,889	210,221	125	20	12,638	372	79,866
56	Randolph	104	239,453	33,833	41,070	91,503	73,047	132	7	2,275	179	30,613
57	Russell	38	122,449	22,380	18,870	60,055	21,144	53	8	2,702	147	24,113
58	St. Clair	74	283,876	93,442	24,035	116,299	50,100	105	10	7,310	230	52,083
59	Shelby	91	1,247,692	286,388	246,030	273,599	441,675	99	40	30,095	820	208,211
60	Sumter	62	225,348	50,007	26,395	96,697	52,249	72	10	2,915	160	30,874
61	Talladega	148	2,636,398	229,276	1,101,800	736,142	569,180	158	50	44,461	1,320	239,675
62	Tallapoosa	133	300,775	45,901	38,298	134,563	82,013	161	13	7,477	275	71,862
63	Tuscaloosa	105	871,794	67,273	165,141	510,640	128,740	105	28	29,187	1,037	198,096
64	Walker	58	1,298,054	60,492	296,277	509,652	431,633	78	10	10,326	638	144,545
65	Washington	34	582,315	189,383	68,125	176,614	148,193	46	27	17,940	505	118,616
66	Wilcox	66	112,239	13,177	20,429	64,550	14,083	86	1	219	91	13,758
67	Winston	24	34,605	12,310	4,045	16,630	1,620	33	2	1,230	28	6,010

TABLE 7.—MANUFACTURES BY

1	All industries	5,602	$70,370,081	$10,021,049	$14,957,424	$24,159,595	$21,232,013	6,744	2,530	$2,168,671	52,902	$15,130,419
2	Awnings, tents, and sails	4	5,150			1,350	3,800	4			9	6,625
3	Bicycle and tricycle repairing	35	46,700	465	2,075	12,410	31,720	41	3	1,190	50	15,177
4	Blacksmithing and wheelwrighting	452	259,062	39,023	46,549	60,117	113,373	543	3	615	409	101,641
5	Boots and shoes, custom work and repairing.	118	29,952	4,520	3,715	11,813	9,904	125	1	156	60	19,423
6	Bread and other bakery products	51	260,755	49,530	71,000	73,493	66,732	54	55	29,188	282	87,392

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
45,530	$14,073,456	3,898	$704,099	3,474	$352,864	$3,828,402	$291,131	$383,511	$2,967,994	$185,766	$44,098,671	$38,568,476	$5,530,195	$80,741,449	1
643	200,627	100	20,672	144	11,739	86,082	1,060	7,413	38,146	39,463	642,737	632,335	10,402	1,209,700	2
629	152,831	9	875	28	3,005	23,462	135	3,581	19,746	------	438,504	437,596	908	821,566	3
370	70,551	99	15,201	131	11,296	28,547	232	7,049	20,766	500	294,821	274,923	19,898	558,975	4
376	86,379	3	700	19	3,300	23,189	1,718	1,336	20,051	84	262,551	259,112	3,439	456,305	5
135	43,137	------	------	4	441	2,314	504	764	921	125	90,027	87,858	2,169	264,179	6
187	33,448	9	1,728	21	1,329	8,938	90	1,571	7,277	------	208,628	198,418	10,210	326,011	7
523	153,030	51	10,050	64	10,145	16,692	1,084	4,117	11,396	95	355,472	353,186	2,286	680,909	8
2,039	683,096	345	52,220	327	34,058	187,041	8,639	17,023	154,694	6,685	1,792,675	1,705,210	87,465	3,283,335	9
756	181,399	369	57,744	328	35,776	30,218	1,151	7,910	21,157	------	1,081,431	1,043,926	37,505	1,853,016	10
192	41,287	4	610	5	505	13,405	915	2,685	9,805	------	232,765	150,651	82,114	395,246	11
402	86,848	------	------	11	1,182	18,463	160	1,942	16,361	------	177,933	176,933	1,000	340,948	12
138	23,518	2	186	3	179	2,588	1,025	472	971	120	42,101	40,823	1,278	95,097	13
373	106,721	------	------	16	1,890	14,673	424	2,739	11,370	140	344,795	341,257	3,538	606,223	14
261	48,634	------	------	2	144	5,412	401	1,455	3,556	------	154,601	154,092	509	262,889	15
143	34,953	3	700	1	150	2,972	256	909	1,787	20	106,611	105,302	1,309	208,359	16
618	128,669	2	200	4	225	12,431	4,673	2,930	4,300	528	92,447	89,965	2,482	349,810	17
857	277,353	10	1,469	14	2,976	126,333	1,594	6,678	118,061	------	976,229	595,591	380,638	1,663,848	18
341	78,107	1	100	2	150	4,841	247	1,829	2,565	200	139,978	138,494	1,484	363,743	19
109	24,899	2	600	8	1,004	2,145	100	681	1,164	200	72,038	69,950	2,088	140,593	20
631	146,172	------	------	------	------	7,912	295	4,252	2,365	1,000	226,214	224,337	1,877	498,363	21
309	57,800	------	------	5	544	4,896	163	1,777	2,826	130	113,713	112,008	1,705	244,666	22
101	23,553	1	150	1	115	3,442	196	829	2,417	------	63,457	61,009	2,448	129,840	23
172	33,671	12	1,130	5	575	4,987	835	2,645	1,323	184	129,491	125,590	3,901	222,276	24
1,127	360,767	248	43,983	114	11,811	96,692	13,274	12,961	63,489	6,968	1,215,221	1,163,586	51,635	2,136,474	25
200	58,865	5	880	1	128	7,902	660	1,393	4,094	1,755	168,488	161,598	6,890	341,076	26
492	127,697	220	36,000	278	26,400	38,279	1,585	7,101	29,543	50	408,636	406,828	1,808	772,124	27
416	112,554	2	320	3	425	16,891	965	9,821	6,105	------	635,315	634,733	582	1,129,560	28
994	268,239	355	74,718	69	7,027	121,128	2,965	3,482	114,416	265	1,182,570	1,023,529	159,041	1,956,139	29
32	4,741	1	90	------	------	760	130	322	268	40	15,666	15,315	351	32,707	30
221	56,514	------	------	1	113	6,812	365	1,325	4,822	300	61,182	54,531	6,651	194,603	31
767	156,288	4	850	7	450	30,337	1,314	2,394	15,150	11,479	158,588	156,109	2,479	499,536	32
45	6,159	------	------	1	90	1,201	465	442	294	------	22,158	19,857	2,301	49,855	33
105	20,233	2	395	3	400	2,509	726	916	867	------	43,619	40,427	3,192	104,169	34
643	131,939	17	3,577	34	3,501	18,124	2,655	5,288	10,061	120	484,806	474,594	10,212	871,574	35
313	79,011	7	808	64	7,316	9,012	1,010	1,117	6,885	------	205,091	203,210	1,881	443,119	36
13,232	4,788,841	500	124,943	344	46,558	1,442,283	98,081	110,272	1,163,163	70,767	15,463,793	11,730,561	3,733,232	27,629,306	37
125	28,926	------	------	3	266	1,531	312	663	551	5	66,813	65,507	1,306	144,743	38
742	204,850	119	15,799	169	17,617	60,796	1,904	8,252	50,640	------	970,112	854,312	115,800	1,465,568	39
78	12,271	------	------	1	60	1,562	435	595	532	------	37,977	36,157	1,820	79,198	40
312	68,256	8	565	3	260	18,147	3,346	3,968	10,803	30	269,234	260,194	9,040	472,104	41
128	24,997	5	1,510	2	166	4,080	1,860	907	1,313	------	126,052	124,191	1,861	237,957	42
88	12,939	1	90	1	88	2,136	906	755	425	50	17,278	13,130	4,148	67,597	43
82	15,359	4	1,095	1	90	4,652	1,431	791	2,430	------	57,696	54,224	3,472	109,450	44
960	272,651	282	53,079	248	18,474	160,669	7,730	12,536	137,431	2,972	1,121,085	1,088,564	32,521	2,122,512	45
334	71,657	8	1,775	30	3,678	25,289	1,994	2,941	18,354	2,000	192,998	182,577	10,421	416,703	46
34	5,428	------	------	2	217	916	36	466	414	------	30,545	30,285	260	56,306	47
152	28,303	7	568	26	1,777	4,719	563	780	2,996	380	65,871	64,002	1,869	163,215	48
4,556	1,709,628	104	22,454	102	12,033	387,119	62,257	31,466	262,006	31,390	3,201,302	3,131,102	70,200	7,019,974	49
464	97,593	3	540	9	915	5,603	1,055	2,098	2,275	175	179,762	178,278	1,484	412,670	50
2,007	740,645	364	75,222	147	16,164	346,793	36,611	29,268	279,351	1,563	2,939,599	2,864,982	74,617	5,155,536	51
1,774	769,922	9	2,707	15	1,260	91,285	3,031	8,053	79,294	907	1,997,931	1,956,476	41,455	3,336,924	52
110	21,947	1	300	4	375	4,002	951	1,530	1,491	30	124,855	119,226	5,629	223,473	53
87	12,994	1	150	1	60	1,961	394	747	820	------	41,484	39,889	1,595	87,402	54
348	75,689	20	3,895	4	282	24,488	1,311	4,053	18,924	200	285,642	276,048	9,594	531,106	55
123	23,397	27	4,000	29	3,216	7,799	1,522	1,635	4,467	175	246,416	240,936	5,480	357,987	56
138	23,138	------	------	9	975	11,305	1,407	1,045	8,853	------	121,268	115,157	6,111	231,865	57
218	50,843	------	------	12	1,240	4,589	482	845	3,142	120	190,423	188,507	1,916	348,824	58
795	205,094	9	1,155	16	1,962	38,019	2,521	8,470	26,797	231	513,736	359,452	154,284	1,122,299	59
155	30,234	------	------	5	640	5,746	508	1,262	972	3,004	78,614	74,709	3,905	174,726	60
885	199,389	180	21,752	255	18,034	54,420	2,889	9,291	42,105	135	1,185,639	889,627	296,012	1,968,041	61
263	69,894	3	617	9	1,351	14,783	1,273	2,043	11,377	90	310,662	303,438	7,224	459,455	62
686	165,234	233	24,836	118	8,026	40,222	3,176	4,944	31,602	500	777,787	759,994	17,793	1,210,172	63
363	108,183	115	20,091	160	16,271	68,318	805	1,060	66,453	------	473,849	468,813	5,036	876,180	64
465	115,436	12	1,000	28	2,180	11,348	95	2,514	8,298	441	310,611	309,527	1,084	614,358	65
88	13,518	------	------	3	240	2,739	229	769	1,591	150	34,591	31,588	3,003	87,077	66
28	6,010	------	------	------	------	453	5	343	105	------	24,487	24,140	347	51,888	67

SPECIFIED INDUSTRIES: 1900.

45,530	$14,073,456	3,898	$704,099	3,474	$352,864	$3,828,402	$291,131	$383,511	$2,967,994	$185,766	$44,098,671	$38,568,476	$5,530,195	$80,741,449	1
9	6,625	------	------	------	------	607	380	15	212	------	21,785	21,785	------	38,700	2
44	14,571	------	------	6	606	7,966	5,411	450	2,055	50	32,643	32,071	572	85,857	3
403	101,179	------	------	6	462	18,867	11,730	2,315	4,205	617	136,356	123,437	12,919	504,144	4
59	19,223	1	200	------	------	9,044	8,147	320	577	------	45,760	45,203	567	133,617	5
239	79,785	33	6,311	10	1,296	30,114	13,063	6,046	5,469	5,536	386,909	375,062	11,847	681,736	6

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
7	Brick and tile	72	$431,749	$37,165	$123,025	$107,601	$163,958	93	44	$24,719	1,122	$256,703
8	Brooms and brushes	10	15,480	2,600	1,350	2,175	9,355	10	4	1,850	44	10,791
9	Carpentering	73	163,625	12,535	17,385	37,250	96,455	82	17	12,395	742	250,675
10	Carriage and wagon materials	6	54,974	2,975	4,375	20,337	27,287	8	5	3,400	60	13,130
11	Carriages and wagons	49	386,064	15,540	39,670	32,297	298,557	58	24	15,985	408	128,647
12	Cars and general shop construction and repairs by steam railroad companies.	19	2,019,434	169,200	559,810	660,570	629,854		118	112,795	4,030	1,941,031
13	Charcoal	51	77,426	13,375	1,824	6,880	55,347	56	3	2,320	467	83,042
14	Cheese, butter, and condensed milk, factory product.	4	13,670	700	3,600	7,370	2,000	4			4	1,277
15	Clothing, men's, custom work and repairing.	54	156,565	1,100	3,200	11,140	141,125	65	9	7,430	234	99,204
16	Clothing, men's, factory product	7	96,004			16,189	79,815	9	13	11,060	191	46,546
17	Clothing, women's, dressmaking	19	7,305	500	500	3,055	3,250	20	1	1,200	106	22,223
18	Coke	15	3,855,379	1,303,111	78,751	2,217,140	256,377	2	43	40,003	1,592	535,622
19	Confectionery	19	124,537	2,500	1,075	27,835	93,127	28	36	14,485	145	22,292
20	Cooperage	9	34,470	805	1,050	20,515	12,100	8	3	1,760	89	26,330
21	Cordage and twine	4	298,448	27,026	45,951	169,976	55,495		10	10,980	282	47,643
22	Cotton, compressing	11	472,671	60,400	103,000	194,000	115,271	1	41	31,136	257	51,040
23	Cotton, ginning[1]	1,216	2,006,406	77,867	396,298	1,444,813	87,428	1,531	102	11,249	1,518	194,133
24	Cotton goods	31	11,638,757	327,152	2,364,991	5,198,990	3,747,624		159	197,700	8,332	1,482,226
25	Druggists' preparations, not including prescriptions.	7	13,650	100	500	4,175	8,875	6	20	9,336	7	1,174
26	Dyeing and cleaning	16	15,395	2,540	2,500	4,895	5,460	17	5	2,856	41	12,454
27	Electrical construction and repairs	6	26,700			5,850	20,850	5	7	4,150	44	19,485
28	Fertilizers	17	1,407,323	18,118	225,500	175,518	988,187	32	60	61,975	439	94,965
29	Flouring and grist mill products	781	1,047,961	118,425	240,400	494,533	194,603	934	39	22,691	540	92,858
30	Foundry and machine shop products	74	4,826,825	344,520	673,592	1,590,744	2,217,969	60	231	251,363	3,461	1,329,566
31	Fruits and vegetables, canning and preserving.	3	7,585	4,110	1,125	850	1,500	3	1	300	16	2,380
32	Furniture, cabinetmaking, repairing, and upholstering.	19	14,565	1,320	1,075	4,200	7,970	24			18	8,670
33	Furniture, factory product	5	75,519	3,925	9,625	16,400	45,569	7	3	2,760	123	35,925
34	Gas, illuminating and heating	11	1,120,539	47,300	145,520	830,996	96,723		40	30,674	75	31,611
35	Ice, manufactured	21	611,367	61,700	77,700	422,600	49,367	11	41	33,280	160	53,106
36	Iron and steel	25	15,913,479	902,188	7,161,378	2,724,947	5,124,966		182	292,861	7,238	2,454,401
37	Leather, tanned, curried, and finished	18	464,005	7,955	38,935	149,575	267,540	19	8	7,200	165	71,440
38	Lime and cement	17	366,547	91,978	86,545	157,270	30,754	17	20	10,645	396	89,957
39	Liquors, distilled	15	33,650	3,970	6,425	20,475	2,780	16	1	1,200	15	5,080
40	Liquors, malt	5	829,446	52,000	284,000	335,000	158,446		34	40,142	239	75,157
41	Lock and gun smithing	14	22,665	1,850	3,650	5,500	11,665	18	1	1,800	17	9,230
42	Looking-glass and picture frames	12	11,470	400	700	1,845	8,525	15	3	540	8	3,775
43	Lumber and timber products	1,111	13,020,183	5,156,012	874,989	4,338,919	2,650,263	1,516	399	310,572	9,273	2,265,018
44	Lumber, planing mill products, including sash, doors, and blinds.	50	345,872	25,900	36,700	138,009	145,263	58	33	25,390	432	140,659
45	Marble and stone work	8	348,122	59,983	24,540	92,965	170,634	4	27	30,230	305	96,331
46	Masonry, brick and stone	14	295,894		50	32,445	263,399	23	24	11,300	481	193,187
47	Mattresses and spring beds	6	50,089		40	8,672	41,377	5	12	5,840	36	14,040
48	Millinery, custom work	110	233,112	11,100	20,080	5,614	196,318	143	41	22,366	246	73,074
49	Mineral and soda waters	20	75,975	2,850	3,050	38,650	31,425	23	9	6,940	79	28,490
50	Monuments and tombstones	21	43,892	3,332	5,430	2,895	32,235	29	2	1,260	54	20,153
51	Oil, cottonseed and cake	22	1,609,674	106,489	383,822	782,762	336,601	21	106	99,020	759	196,700
52	Painting, house, sign, etc	16	22,055	2,410	2,875	2,135	14,635	18	3	1,400	57	19,874
53	Patent medicines and compounds	6	15,145			2,195	12,950	7	13	6,815	19	6,763
54	Photography	46	62,329	2,905	8,125	32,905	18,394	47	2	792	46	18,309
55	Plumbing, and gas and steam fitting	47	137,820	3,000	2,800	10,725	121,295	58	21	13,820	270	111,274
56	Pottery, terra cotta, and fire-clay products.	21	199,585	30,710	63,748	41,350	63,777	28	15	8,450	227	66,667
57	Printing and publishing, book and job	40	224,974	1,350	1,550	151,371	70,703	54	16	16,944	256	100,774
58	Printing and publishing, newspapers and periodicals.	156	621,852	13,945	37,580	362,741	207,586	178	80	79,809	543	241,525
59	Rice, cleaning and polishing	4	2,995	95	400	2,100	400	5			3	360
60	Roofing and roofing materials	8	43,704	4,200	6,500	15,498	17,506	8	3	1,180	85	35,390
61	Saddlery and harness	37	67,565	850	3,450	10,151	53,114	42	7	4,084	35	13,106
62	Sewing machine repairing	6	4,170	500	1,000	970	1,700	6	1	125	2	1,000
63	Ship and boat building, wooden	6	146,946	24,750	2,600	31,820	87,776	4	3	4,300	293	101,526
64	Sugar and molasses, refining	59	4,402	202	294	3,833	73	66			24	3,655
65	Tinsmithing, coppersmithing, and sheet-iron working.	37	183,781	18,800	21,779	24,630	118,572	41	12	14,710	150	59,795
66	Tobacco, cigars and cigarettes	26	116,145	4,005	6,775	3,424	101,941	29	18	13,530	186	88,395
67	Trunks and valises	3	2,850			700	2,150	4			14	4,500
68	Turpentine and rosin	152	1,176,391	525,973	111,929	161,773	376,716	236	162	67,062	3,716	780,573
69	Typewriter repairing	3	385			100	285	3			3	950
70	Vinegar and cider	3	4,951			1,075	3,876	4	2	1,500	5	1,860
71	Watch, clock, and jewelry repairing	92	76,026	4,250	6,560	28,126	37,090	103	1	300	57	37,357
72	Wood, turned and carved	8	78,570	9,000	15,150	23,050	31,370	7	17	12,145	234	60,570
73	Woolen goods	11	97,759	2,175	14,795	31,723	49,066	13	2	1,820	75	10,458
74	All other industries[2]	52	1,793,594	195,775	472,449	493,550	631,820	40	109	101,578	1,502	504,039

[1] Does not include many ginneries operated in connection with saw, grist, and cottonseed-oil mills, or for the use exclusively of plantations on which they are located. For the full number of ginneries in operation reference should be made to the special report on cotton ginning.

[2] Embraces agricultural implements, 1; baking and yeast powders, 2; baskets, and rattan and willow ware, 1; bookbinding and blank book making, 1; boot and shoe uppers, 1; boots and shoes, factory product, 1; bottling, 1; boxes, cigar, 1; boxes, wooden packing, 1; brass castings and brass finishing, 2; bridges, 1; bronze castings, 1; carpets and rugs, other than rag, 1; cars and general shop construction and repairs by street railroad companies, 1; cars, steam railroad, not including operations of railroad companies, 2; coffins, burial cases, and undertakers' goods, 1; dyeing and finishing textiles, 1; explosives, 2; foundry supplies, 2; furnishing

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
992	$239,852			130	$16,851	$38,046	$6,464	$2,713	$10,844	$18,025	$142,932	$32,483	$110,449	$657,794	7
36	10,076	1	$150	7	565	1,404	1,000	165	229	10	26,406	26,399	7	67,270	8
741	250,615			1	60	28,246	2,778	1,412	4,731	19,325	455,078	453,984	1,094	939,142	9
60	13,130					1,866		85	1,581	200	25,183	24,035	1,148	55,326	10
394	126,609			14	2,038	40,928	6,500	2,876	31,177	375	230,397	226,186	4,211	556,327	11
4,019	1,939,170	11	1,861			86,045		12,276	73,769		2,032,166	1,996,738	35,428	4,172,192	12
467	83,042					3,294	1,030	108	1,271	885	27,838	27,838		132,376	13
3	1,217	1	60			175		108	67		8,034	7,418	616	12,969	14
163	80,232	68	18,780	3	192	22,450	15,327	1,968	4,865	290	171,131	169,448	1,683	404,213	15
16	6,265	165	39,281	10	1,000	5,593	3,332	589	1,672		152,424	151,371	1,053	262,454	16
		106	22,223			2,891	2,127	85	679		14,918	14,691	227	66,485	17
1,558	527,757			34	7,865	180,290		16,764	130,854	32,672	2,673,568	2,667,328	6,240	3,726,433	18
82	16,864	33	3,676	30	1,752	17,311	8,278	1,182	7,851		137,264	133,988	3,276	255,486	19
89	26,330					6,981	1,155	376	5,400	50	16,155	15,915	240	69,000	20
80	25,771	105	13,525	88	8,347	14,654	775	1,749	12,130		166,145	160,588	5,557	253,560	21
252	50,640			5	400	27,526	1,026	6,586	19,914		70,709	62,985	7,724	263,893	22
1,509	193,658			9	475	42,560	5,231	17,430	19,829	70	291,729	220,094	71,635	1,218,283	23
3,152	789,225	2,743	463,244	2,437	229,757	511,296		42,809	468,487		4,825,981	4,683,994	141,987	8,153,136	24
7	1,174					3,635	2,900	457	278		3,780	3,687	93	31,505	25
31	11,032	8	1,292	2	130	5,080	3,242	271	1,567		8,284	7,472	812	46,875	26
41	19,220			3	265	7,900	3,695	275	2,930	1,000	71,695	70,740	955	113,692	27
439	94,965					92,704	900	22,924	68,880		1,387,385	1,366,831	20,554	2,068,162	28
539	92,708			1	150	34,654	9,783	9,162	14,765	944	2,787,634	2,759,436	28,198	3,310,757	29
3,427	1,323,471			34	6,095	298,553	13,356	22,178	218,160	44,859	2,755,921	2,614,386	141,535	5,482,441	30
9	1,760	4	400	8	220	135		45	60	30	3,418	3,295	123	7,947	31
18	8,670					2,246	1,670	184	292	100	9,551	9,069	482	32,264	32
114	34,825			9	1,100	3,790	25	431	3,334		46,142	45,182	960	107,185	33
75	31,611					54,396		11,939	42,457		51,010	49,233	1,777	232,802	34
160	53,106					31,352	3,799	4,239	23,314		50,554	23,669	26,885	242,111	35
7,201	2,449,705			37	4,696	896,126	1,075	68,344	826,707		10,062,094	5,421,083	4,641,011	17,392,483	36
165	71,440					44,107		1,865	42,167	75	672,017	658,959	13,058	1,005,358	37
385	88,641	6	685	5	631	9,214	2,315	783	5,535	581	58,217	38,736	19,481	230,664	38
15	5,080					116,090	40	107	115,783	160	25,262	22,862	2,400	152,758	39
234	73,657	5	1,500			150,039		6,342	143,697		134,653	110,927	23,726	481,640	40
17	9,230					2,533	1,727	82	724		3,973	3,782	191	24,450	41
8	3,775					2,527	2,155	98	274		12,151	12,122	29	28,128	42
8,851	2,206,997	67	11,757	355	46,264	277,521	21,921	59,093	196,507		6,646,124	6,644,907	1,217	12,867,551	43
423	139,341	3	700	6	618	15,680	3,960	2,402	8,673	645	452,649	446,643	6,006	763,125	44
304	96,218			1	113	10,164	1,625	1,155	7,384		69,792	63,225	6,567	257,023	45
474	192,682			7	505	18,134	505	874	3,105	13,650	447,979	447,929	50	771,489	46
25	10,500	11	3,540			4,674	2,644	306	1,724		72,897	72,332	565	109,440	47
10	4,864	234	68,005	2	205	31,333	18,688	1,744	10,826	75	290,962	290,091	871	539,878	48
76	28,240			8	250	12,516	3,598	2,809	6,034	75	42,440	41,291	1,149	144,069	49
54	20,153					1,970	946	296	658	70	47,907	47,822	85	98,295	50
757	196,261	2	439			194,450	1,250	15,477	171,705	6,018	2,103,768	2,033,122	70,646	2,985,890	51
57	19,874					1,228	978	115	135		21,856	21,813	43	59,890	52
11	5,840	6	798	2	125	8,614	1,187	117	7,310		26,651	26,599	52	58,400	53
32	14,386	13	3,779	1	144	12,950	7,508	757	4,285	400	37,619	37,333	286	124,492	54
268	111,057			2	217	15,803	9,014	2,220	4,569		230,410	229,125	1,285	480,917	55
209	64,166			18	2,501	4,812	770	887	3,105	50	59,523	31,035	28,488	225,335	56
215	90,949	32	9,100	9	725	17,298	9,473	1,743	6,039	43	114,576	110,446	4,130	318,767	57
459	229,549	21	5,368	63	6,608	84,881	16,498	4,313	51,237	12,833	158,677	149,042	9,635	841,036	58
3	360					29		6	23		3,615	3,515	100	4,816	59
85	35,390					2,663	1,315	765	583		177,740	177,324	416	255,240	60
32	12,821			3	285	6,856	4,097	602	2,157		53,102	52,746	356	101,000	61
2	1,000					859	688	92	79		2,745	2,720	25	6,678	62
293	101,526					6,022	2,350	1,538	2,134		76,767	76,482	285	240,242	63
22	3,530			2	125	91	3	38	50		32,801	30,141	2,660	44,745	64
142	58,872	2	400	6	523	13,602	3,622	1,448	6,532	2,000	230,843	228,888	1,955	421,419	65
171	86,669	5	1,030	10	696	36,049	7,130	1,087	27,832		94,227	94,132	95	278,044	66
14	4,500					1,564	1,358	41	165		6,925	6,855	70	22,950	67
3,643	773,717	29	2,877	44	3,979	59,214	8,015	8,157	24,616	18,426	650,681	639,169	11,512	2,033,705	68
2	900			1	50	520	240	30	250		580	570	10	2,550	69
5	1,860					2,297	700	72	1,525		11,570	11,570		26,175	70
56	37,257			1	100	14,755	11,344	1,162	2,249		25,927	25,435	492	135,513	71
228	59,809	1	133	5	628	2,176	135	323	1,718		64,719	64,119	600	173,484	72
21	3,863	51	6,395	3	200	8,091	113	231	7,647	100	43,078	42,138	940	67,263	73
1,325	484,399	131	16,590	46	3,050	108,351	9,020	5,458	88,346	5,527	1,564,269	1,525,405	38,864	2,580,413	74

goods, men's, 1; glass, cutting, staining, and ornamenting, 1; hairwork, 1; hand stamps, 1; hosiery and knit goods, 1; house furnishing goods, not elsewhere specified, 1; ironwork, architectural and ornamental, 1; kaolin and other earth grinding, 1; liquors, vinous, 2; optical goods, 2; oysters, canning and preserving, 1; paper hanging, 2; paving and paving materials, 2; plastering and stuccowork, 1; pumps, not including steam pumps, 1; shirts, 1; slaughtering and meat packing, wholesale, 1; slaughtering, wholesale, not including meat packing, 1; soda water apparatus, 1; tobacco, chewing, smoking, and snuff, 1; upholstering materials, 1; washing machines and clothes wringers, 1; woodenware, not elsewhere specified, 2.

TABLE 8.—MANUFACTURES IN CITIES

BIRMINGHAM.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	283	$7,434,654	$579,430	$1,527,434	$2,466,458	$2,861,337	284	359	$405,424	6,675	$2,587,221
2	Bicycle and tricycle repairing	6	19,650			4,000	15,650	7			16	6,590
3	Blacksmithing and wheelwrighting	18	6,320			2,310	4,010	23			35	14,599
4	Boots and shoes, custom work and repairing.	31	6,175			2,475	3,700	34			29	10,490
5	Bread and other bakery products	8	67,155	8,000	9,000	25,700	24,455	7	27	16,760	87	26,552
6	Brick and tile	3	16,650		3,000	2,150	11,500	4			75	20,791
7	Carpentering	13	13,500			2,050	11,450	15	1	3,600	115	59,550
8	Carriages and wagons	6	22,900		400	9,400	13,100	7			54	22,700
9	Cars and general shop construction and repairs by steam railroad companies.	3	403,653	70,000	90,300	85,700	157,653		22	18,862	1,195	609,411
10	Clothing, men's, custom work and repairing.	12	64,750			3,100	61,650	18	1	1,000	80	42,432
11	Clothing, women's, dressmaking	7	2,925			1,825	1,100	7	1	1,200	64	15,828
12	Confectionery	4	5,700			2,000	3,700	4	2	1,020	10	3,440
13	Dyeing and cleaning	7	2,865			1,600	1,265	7	1	720	18	4,735
14	Electrical construction and repairs	3	21,450			4,050	17,400	2	6	3,970	36	16,655
15	Flouring and grist mill products	3	46,250	1,000	2,000	16,500	26,750	1	7	7,420	14	4,530
16	Foundry and machine shop products	16	1,314,620	79,000	110,228	310,191	815,201	11	65	82,449	873	339,866
17	Furniture, cabinetmaking, repairing, and upholstering.	4	1,550			625	925	3			5	2,050
18	Iron and steel	4	2,602,291	160,000	886,000	552,658	1,003,633		37	77,691	2,040	750,895
19	Looking-glass and picture frames	3	3,250			350	2,900	5			4	2,200
20	Lumber, planing mill products, including sash, doors, and blinds.	4	48,710		3,150	24,500	21,060	4	6	5,180	90	35,396
21	Mattresses and spring beds	4	39,974			7,622	32,352	4	8	4,660	25	7,340
22	Millinery, custom work	7	35,025	2,000	3,000	1,225	28,800	11	3	4,600	68	24,600
23	Mineral and soda waters	3	13,500			8,000	5,500	3	3	2,320	23	8,400
24	Patent medicines and compounds	4	12,110			1,585	10,525	6	9	3,335	11	4,800
25	Photography	8	10,225		400	6,300	3,525	8			13	5,950
26	Plumbing, and gas and steam fitting	9	28,800			2,750	26,050	10	8	7,100	77	33,700
27	Printing and publishing, book and job	5	87,643			57,416	30,227	3	14	14,544	99	52,685
28	Printing and publishing, newspapers and periodicals.	13	145,050	100		102,100	42,850	8	50	51,730	104	62,000
29	Saddlery and harness	6	9,523			1,816	7,707	6	1	364	6	2,547
30	Tinsmithing, coppersmithing, and sheet-iron working.	4	29,224	4,200	1,462	2,646	20,916	3	4	5,500	35	14,949
31	Tobacco, cigars and cigarettes	5	2,542	500	150	182	1,710	6			11	4,992
32	Watch, clock, and jewelry repairing	18	11,725			8,350	3,375	20			13	9,490
33	All other industries[1]	42	2,338,949	254,630	418,344	1,215,277	450,698	37	83	91,399	1,350	367,058

[1] Embraces baking and yeast powders, 1; brass castings and brass finishing, 2; bronze castings, 1; brooms and brushes, 1; clothing, men's, factory product, 2; coke, 2; cotton, compressing, 2; cotton goods, 2; fertilizers, 1; fruits and vegetables, canning and preserving, 1; furniture, factory product, 1; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; ice, manufactured, 2; ironwork, architectural and ornamental, 1; liquors, malt, 2; lumber and timber

MOBILE.

1	All industries	222	$3,294,238	$318,100	$539,886	$1,144,478	$1,291,774	238	203	$173,810	2,827	$1,139,605
2	Awnings, tents, and sails	3	4,450			1,250	3,200	3			9	6,625
3	Bicycle and tricycle repairing	4	4,985			285	4,700	5			4	719
4	Blacksmithing and wheelwrighting	10	18,375	3,550	6,350	3,875	4,600	12	1	75	23	10,404
5	Boots and shoes, custom work and repairing.	13	6,635	2,500	1,500	1,955	680	13			3	1,140
6	Bread and other bakery products	17	61,810	18,900	20,800	9,895	12,215	18	8	3,050	75	29,253
7	Carpentering	3	18,100			2,800	15,300	4	1	900	80	33,280
8	Carriages and wagons	5	5,550	500	200	1,600	3,250	4	1	500	21	8,906
9	Clothing, men's, custom work and repairing.	10	17,760			1,410	16,350	11	1	250	24	11,150
10	Clothing, men's, factory product	3	24,600			6,100	18,500	5	7	4,400	24	6,750
11	Confectionery	5	10,250	2,500	1,075	1,175	5,500	6	5	1,930	9	2,750
12	Cooperage	3	31,900		400	20,000	11,500	2	1	960	31	14,200
13	Flouring and grist mill products	3	62,000	2,000	6,000	12,000	42,000	3	7	6,140	23	8,500
14	Foundry and machine shop products	7	185,300	6,600	33,000	70,900	74,800	10	11	10,580	252	120,830
15	Furniture, cabinetmaking, repairing, and upholstering.	3	2,900			200	2,700	3			3	600
16	Lock and gun smithing	5	7,075	150	350	725	5,850	4			3	1,230
17	Looking-glass and picture frames	3	2,250			650	1,600	3	1	240		
18	Lumber and timber products	4	342,650	141,550	15,500	91,100	94,500	3	16	21,560	321	113,400
19	Masonry, brick and stone	5	228,800		50	22,450	206,300	9	9	5,100	86	39,850
20	Millinery, custom work	5	28,475	3,000	3,000	300	22,175	5	7	2,000	17	4,660
21	Mineral and soda waters	3	13,900			5,100	8,800	3	2	2,220	14	9,282
22	Photography	4	14,200		150	9,000	5,050	4	1	312	10	5,054
23	Plumbing, and gas and steam fitting	16	55,435	2,000	1,000	2,185	50,250	20	9	4,060	86	42,185
24	Printing and publishing, book and job	9	54,205			33,855	20,350	15			66	24,948
25	Printing and publishing, newspapers and periodicals.	6	122,150	5,000	20,000	47,000	50,150	10	15	17,044	74	43,562
26	Ship and boat building, wooden	4	146,026	24,000	2,500	31,750	87,776	2	3	4,300	291	100,816

BY SPECIFIED INDUSTRIES: 1900.

BIRMINGHAM.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
5,980	$2,440,998	484	$122,975	211	$23,248	$533,368	$82,801	$40,630	$380,920	$29,017	$6,045,552	$4,893,413	$1,152,139	$12,581,066	1
16	6,590					2,320	1,630	80	610		8,834	8,635	199	26,375	2
34	14,510			1	89	3,297	2,266	189	842		11,919	11,051	868	52,852	3
28	10,290	1	200			3,422	3,292	62	68		18,830	18,760	70	52,170	4
70	23,352	17	3,200			13,142	4,540	1,058	2,008	5,536	144,614	140,418	4,196	252,658	5
61	18,816			14	1,975	665	595	40	30		6,973	2,278	4,695	41,200	6
115	59,550					11,512	1,510	217	785	9,000	72,763	72,757	6	165,775	7
54	22,700					3,825	2,440	275	1,110		27,850	27,200	650	69,750	8
1,187	608,051	8	1,860			5,952		3,028	2,924		483,481	477,080	6,401	1,117,706	9
60	35,702	19	6,650	1	80	9,500	7,448	640	1,412		77,390	77,220	170	184,160	10
		64	15,828			2,302	1,604	73	625		10,175	10,075	100	47,470	11
5	2,240	5	1,200			2,747	642	65	2,040		13,489	13,323	166	37,050	12
14	4,150	4	585			2,369	1,822	102	445		2,527	2,149	378	17,448	13
34	16,480			2	175	6,950	2,980	270	2,700	1,000	60,115	59,225	890	92,900	14
14	4,530					5,318	3,271	216	1,831		256,763	253,967	2,796	287,342	15
873	339,866					76,093	8,700	4,429	62,964		701,043	676,862	24,181	1,418,236	16
5	2,050					361	260	66	35		1,040	1,040		5,300	17
2,032	750,570			8	325	132,718	1,075	13,860	117,783		2,568,172	1,500,368	1,067,804	5,461,358	18
4	2,200					705	660	20	25		5,315	5,300	15	12,600	19
90	35,396					2,806	1,355	535	916		76,568	75,590	978	140,230	20
17	5,300	8	2,040			3,834	2,094	206	1,534		53,842	53,427	415	78,120	21
5	3,000	63	21,600			4,171	3,730	286	155		60,675	60,350	325	123,600	22
23	8,400					1,342	480	325	537		16,836	16,251	585	56,159	23
9	4,500	2	300			3,939	522	117	3,300		11,586	11,534	52	32,500	24
12	5,550	1	400			3,019	2,598	156	65	200	7,055	6,950	105	23,237	25
77	33,700					4,416	2,895	681	840		61,523	61,025	498	144,700	26
83	48,257	16	4,428			6,094	2,740	525	2,829		63,410	61,605	1,805	148,699	27
97	59,740	4	1,910	3	350	48,837	5,421	876	31,259	11,281	61,425	58,958	2,467	286,420	28
5	2,434			1	113	2,027	987	25	1,015		6,581	6,551	30	14,670	29
34	14,907			1	42	4,797	755	272	1,770	2,000	54,337	53,327	1,010	103,100	30
9	4,800			2	192	5,287	1,982	87	3,218		10,290	10,280	10	33,530	31
12	9,390			1	100	3,251	2,649	195	407		8,196	8,087	109	34,245	32
901	283,977	272	63,274	177	19,807	156,350	9,858	11,654	134,838		1,081,935	1,051,770	30,165	2,019,506	33

products, 1; marble and stone work, 1; masonry, brick and stone, 1; monuments and tombstones, 2; oil, cottonseed and cake, 2; painting, house, sign, etc., 2, paper hanging, 1; roofing and roofing materials, 2; tobacco, chewing, smoking, and snuff, 1; trunks and valises, 2; typewriter repairing, 2; vinegar and cider, 2.

MOBILE.

2,686	$1,114,037	83	$20,030	58	$5,538	$272,987	$56,366	$22,336	$180,395	$13,890	$2,046,400	$1,986,002	$60,398	$4,451,062	1
9	6,625					547	320	15	212		21,110	21,110		37,500	2
2	500			2	219	943	876	47	20		1,675	1,675		5,800	3
23	10,404					1,584	1,164	210	210		13,603	13,177	426	33,240	4
3	1,140					1,080	920	96	64		4,195	4,195		12,307	5
75	29,253					3,956	3,021	533	397		93,261	90,139	3,122	162,409	6
80	33,280					1,030	480	100	450		39,300	39,050	250	103,000	7
21	8,906					1,466	1,220	53	193		12,236	12,043	193	35,270	8
21	10,150	3	1,000			4,545	3,276	253	1,016		17,360	17,360		42,150	9
		24	6,750			2,428	2,132	146	150		33,600	33,400	200	62,800	10
9	2,750					2,455	1,810	140	505		11,935	11,651	284	22,140	11
31	14,200					3,848	1,130	343	2,375		13,040	12,940	100	46,000	12
23	8,500					4,505	3,000	455	1,050		403,996	399,696	4,300	454,144	13
249	120,570			3	260	8,127	2,838	1,155	4,134		108,100	98,650	9,450	304,487	14
3	600					698	640	38	20		1,775	1,775		5,850	15
3	1,230					879	684	37	158		2,070	2,070		6,100	16
						870	795	25	50		3,140	3,140		7,450	17
321	113,400					13,087	4,620	2,610	5,857		299,672	299,672		566,800	18
86	39,850					15,737	405	107	1,575	13,650	104,339	104,339		187,464	19
		17	4,660			2,375	1,540	165	670		13,750	13,750		33,200	20
14	9,282					1,975	965	196	814		7,734	7,566	168	29,000	21
7	4,182	2	728	1	144	3,252	2,050	145	1,057		6,315	6,315		17,750	22
84	41,968			2	217	4,932	2,905	755	1,272		95,581	95,132	449	173,174	23
59	22,698	4	1,960	3	290	4,941	3,215	492	1,234		20,949	19,725	1,224	71,730	24
70	43,046	1	240	3	276	9,766	1,240	537	7,749	240	17,341	14,634	2,707	127,930	25
291	100,816					6,013	2,350	1,529	2,134		75,218	74,943	275	236,142	26

TABLE 8.—MANUFACTURES IN CITIES

MOBILE—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES AND TOWNS.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
27	Tinsmithing, coppersmithing, and sheet-iron working.	8	$61,960	$4,100	$3,117	$8,160	$46,583	8	3	$2,910	44	$16,856
28	Tobacco, cigars and cigarettes	11	92,050	3,500	6,600	2,050	79,900	11	16	12,330	145	70,640
29	Watch, clock, and jewelry repairing	12	7,980	500	1,000	3,325	3,155	12			14	10,580
30	All other industries [1]	38	1,662,467	97,750	417,294	753,383	394,040	30	78	72,949	1,075	401,435

[1] Embraces baking and yeast powders, 1; bookbinding and blank book making, 1; boot and shoe uppers, 1; boxes, cigar, 1; brick and tile, 1; brooms and brushes, 2; cars and general shop construction and repairs by steam railroad companies, 1; cotton goods, 1; dyeing and cleaning, 2; electrical construction and repairs, 1; fertilizers, 1; gas, illuminating and heating, 2; hairwork, 1; hand stamps, 1; ice, manufactured, 2; liquors, malt, 1; lumber, planing mill products, including

MONTGOMERY.

1	All industries	163	$2,930,782	$243,950	$479,578	$1,006,895	$1,200,359	196	204	$163,537	2,359	$802,188
2	Blacksmithing and wheelwrighting	9	3,487	50	50	1,220	2,167	13	1	240	23	7,787
3	Boots and shoes, custom work and repairing.	12	1,901			1,306	595	13			10	2,572
4	Bread and other bakery products	5	92,807	16,000	26,000	29,694	21,113	5	14	7,628	72	20,556
5	Carpentering	6	36,060	4,350	3,700	1,810	26,200	9	2	990	108	38,760
6	Carriages and wagons	3	36,456	5,000	2,500	2,529	26,427	3	7	5,480	47	15,400
7	Cars and general shop construction and repairs by steam railroad companies.	3	196,989	31,250	57,110	33,190	75,439		9	8,229	327	146,783
8	Clothing, men's, custom work and repairing.	9	27,150			2,200	24,950	12	2	2,120	48	21,000
9	Clothing, women's, dressmaking	4	2,410			760	1,650	4			30	4,070
10	Confectionery	6	98,050			19,350	78,700	11	27	10,515	81	12,721
11	Dyeing and cleaning	3	3,125			1,080	2,045	4	3	1,536	9	2,682
12	Foundry and machine shop products	5	188,878	53,000	25,500	56,300	54,078	7	8	7,360	87	34,500
13	Furniture, cabinetmaking, repairing, and upholstering.	3	925			275	650	3			3	1,240
14	Ice, manufactured	3	40,700	800	6,200	28,000	5,700	4	2	1,200	8	3,945
15	Lumber, planing mill products, including sash, doors, and blinds.	3	21,000	3,000	1,500	11,500	5,000	4	2	1,750	31	12,220
16	Masonry, brick and stone	3	45,157			6,500	38,657	6	3	2,700	247	118,440
17	Millinery, custom work	9	48,765			465	48,300	13	23	13,940	58	19,080
18	Painting, house, sign, etc	3	1,350			450	900	3			5	3,025
19	Photography	4	7,190		40	4,600	2,550	4			3	1,065
20	Plumbing, and gas and steam fitting	7	11,750			1,250	10,500	10	1	900	43	13,876
21	Printing and publishing, book and job	6	39,401			29,900	9,501	9	2	2,400	56	14,287
22	Printing and publishing, newspapers and periodicals.	3	56,700	2,500	2,000	37,700	14,500	1	5	5,820	57	38,292
23	Saddlery and harness	4	2,632			1,115	1,517	5	1	120	2	357
24	Tinsmithing, coppersmithing, and sheet-iron working.	4	5,595	1,000	1,500	1,375	1,720	6			8	3,283
25	Watch, clock, and jewelry repairing	10	5,650			2,540	3,110	11			8	9,100
26	All other industries [1]	36	1,956,654	127,000	353,478	731,786	744,390	36	92	90,609	993	257,147

[1] Embraces awnings, tents, and sails, 1; bicycle and tricycle repairing, 2; bottling, 1; brick and tile, 1; brooms and brushes, 1; cars and general shop construction and repairs by street railroad companies, 1; clothing, men's, factory product, 2; cordage and twine, 1; cotton, compressing, 1; cotton, ginning, 1; cotton goods, 2; electrical construction and repairs, 2; fertilizers, 2; gas, illuminating and heating, 1; liquors, distilled, 1; liquors, malt, 1; lock and gun smithing, 1; looking-glass

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and towns	555	$15,567,522	$1,263,201	$4,138,548	$4,898,106	$5,267,667	559	532	$488,013	10,820	$3,555,503
2	Anniston	59	2,396,273	146,540	451,830	929,320	868,583	52	64	64,566	1,997	649,983
3	Bessemer	42	3,620,082	519,287	1,166,534	833,260	1,101,001	33	49	57,639	1,669	605,741
4	Decatur	24	229,807	33,500	23,875	82,645	89,787	25	10	7,052	108	54,650
5	Florence	33	871,373	60,200	219,326	178,309	413,538	30	52	39,937	595	177,813
6	Fort Payne	17	85,405	1,195	11,010	19,190	54,010	21	6	4,600	88	37,982
7	Gadsden	35	1,184,805	155,575	395,260	222,586	411,384	47	25	25,078	520	165,475
8	Huntsville	79	1,877,781	96,237	283,180	835,050	663,314	85	53	51,308	1,203	283,575
9	New Decatur	30	1,348,871	45,250	316,725	499,810	487,086	25	56	51,784	1,521	700,196
10	Opelika	30	148,275	8,650	16,800	52,955	69,870	34	22	12,490	214	48,023
11	Phoenix	6	33,595	3,300	8,675	13,910	7,710	5	2	800	16	4,548
12	Selma	98	1,296,308	49,605	229,748	568,638	448,317	98	133	106,400	1,343	392,016
13	Sheffield	21	1,226,258	89,600	569,749	210,746	356,163	25	25	34,300	678	246,009
14	Talladega	22	848,414	24,487	383,751	233,468	206,708	13	20	14,981	343	77,311
15	Tuscaloosa	43	353,925	15,450	52,560	207,569	78,346	44	13	16,682	407	104,141
16	Tuscumbia	16	46,350	14,325	9,525	10,650	11,850	22	2	396	28	8,040

BY SPECIFIED INDUSTRIES: 1900—Continued.

MOBILE—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
43	$16,736			1	$120	$2,707	$984	$479	$1,244		$43,995	$43,392	$603	$99,010	27
144	70,490			1	150	24,108	3,760	726	19,622		66,475	66,475		200,000	28
14	10,580					1,877	1,645	187	45		2,680	2,680		25,100	29
1,001	392,881	32	$4,692	42	3,862	143,256	6,381	10,757	126,118		511,955	475,308	36,647	1,343,115	30

sash, doors, and blinds, 2; marble and stone work, 2; mattresses and spring beds, 1; oil, cottonseed and cake, 1; painting, house, sign, etc., 2; roofing and roofing materials, 1; saddlery and harness, 2; sewing machine repairing, 2; shirts, 1; trunks and valises, 1; upholstering materials, 1; vinegar and cider, 1; woodenware, not elsewhere specified, 1.

MONTGOMERY.

1,856	$711,533	360	$74,887	143	$15,768	$342,890	$36,577	$28,038	$276,712	$1,563	$2,902,054	$2,840,353	$61,701	$5,035,190	1
23	7,787					1,702	1,616	2	84		6,703	6,443	260	27,585	2
10	2,572					1,547	1,419	17	111		4,045	3,932	113	14,287	3
52	16,922	12	2,554	8	1,080	5,493	2,640	990	1,863		89,897	87,291	2,606	165,820	4
108	38,760					2,099		179	920	1,000	61,470	61,317	153	133,550	5
47	15,400					3,388	1,500	638	1,250		23,551	22,921	630	59,810	6
325	146,433	2	350			5,879		2,965	2,914		189,241	187,479	1,762	350,132	7
43	19,490	5	1,510			3,665	1,710	545	1,410		23,226	22,599	627	67,877	8
		30	4,070			438	406		32		4,103	4,056	47	13,165	9
50	9,927	13	1,750	18	1,044	10,843	5,286	747	4,810		65,543	63,880	1,663	137,331	10
7	2,344	1	260	1	78	1,346	550		796		3,850	3,765	85	13,059	11
87	34,500					6,554	780	1,664	4,110		76,837	71,847	4,990	167,340	12
3	1,240					453	410		43		1,400	1,400		3,925	13
8	3,945					1,190	180	165	845		2,020	1,100	920	20,325	14
31	12,220					1,205	276	150	734	45	10,204	9,679	525	36,500	15
247	118,440					1,582		602	980		291,050	291,000	50	454,500	16
2	700	51	18,380			12,836	5,196	482	7,158		83,587	83,500	87	153,825	17
5	3,025					425	390		35		758	740	18	5,750	18
3	1,065					1,675	924	46	705		4,348	4,301	47	16,800	19
42	13,876					3,202	1,830	292	1,080		25,009	24,813	196	61,659	20
39	11,336	12	2,612	5	339	3,258	1,720	324	1,171	43	16,066	15,399	667	48,929	21
56	38,032	1	260			4,230	1,475	435	2,320		15,624	13,992	1,632	83,060	22
1	285			1	72	635	560		75		2,829	2,797	32	8,049	23
5	2,958			3	325	530	450	30	50		3,716	3,665	51	12,473	24
8	9,100					2,688	2,034	156	498		3,087	2,990	97	20,400	25
658	201,176	233	43,141	107	12,830	266,027	5,225	17,609	242,718	475	1,893,890	1,849,447	44,443	2,959,039	26

and picture frames, 2; marble and stone work, 2; mineral and soda waters, 2; oil, cottonseed and cake, 2; optical goods, 1; paving and paving materials, 1; sewing machine repairing, 1; slaughtering, wholesale, not including meat packing, 1; tobacco, cigars and cigarettes, 1; typewriter repairing, 1.

TOWNS UNDER 20,000 IN POPULATION: 1900.

9,179	$3,325,915	933	$159,934	708	$69,654	$1,059,783	$50,079	$83,599	$908,975	$17,130	$10,718,620	$9,129,047	$1,589,573	$18,152,328	1
1,593	591,581	242	36,803	162	21,599	134,530	6,168	13,093	109,779	5,490	1,414,873	1,342,384	72,489	2,594,758	2
1,652	602,488	4	960	13	2,293	317,590	9,343	19,431	288,816		2,206,654	1,491,059	715,595	3,561,549	3
189	52,792	4	1,530	5	328	7,574	952	1,452	5,070	100	108,799	106,049	2,750	237,265	4
557	173,177	1	300	37	4,336	50,370	1,212	4,241	44,917		693,432	588,344	105,088	1,037,471	5
84	37,402	4	580			4,206	374	413	3,319	100	71,652	66,796	4,856	155,916	6
503	162,008	9	2,685	8	782	24,180	2,257	2,617	19,106	200	463,738	387,721	76,017	848,751	7
684	213,283	282	53,079	237	17,213	152,637	7,015	11,092	131,558	2,972	890,118	862,278	27,840	1,728,711	8
1,510	698,796	4	844	7	556	81,286	1,649	5,891	72,946	800	1,833,549	1,797,355	36,194	2,976,919	9
206	47,388	6	435	2	200	10,943	2,642	3,269	5,032		206,280	201,959	4,321	335,071	10
16	4,548					5,361	93	225	5,043		7,644	4,789	2,855	22,350	11
981	336,222	248	43,983	114	11,811	93,034	13,079	11,955	61,032	6,968	1,163,936	1,116,144	47,792	2,015,777	12
663	242,628	3	551	12	2,830	123,390	777	5,634	116,979		874,592	498,366	376,226	1,461,418	13
229	65,207	54	7,050	60	5,054	25,979	1,197	1,951	22,831		427,544	320,995	106,549	583,902	14
286	90,619	71	10,966	50	2,556	26,918	2,627	1,854	21,937	500	304,529	294,545	9,984	511,683	15
26	7,776	1	168	1	96	1,785	694	481	610		51,280	50,263	1,017	80,787	16

ALASKA.

Alaska became a possession of the United States in 1867, but the Eleventh Census (1890) was the first census in which statistics of manufactures were collected for the territory. The canvass at both the Eleventh and Twelfth censuses was conducted by the special agents who enumerated the population, and it is probable that reports were not received for all establishments in operation during these census years. In 1890 the only establishments reported were engaged in the manufacture of lumber and timber products, although the statistics of exports from the territory indicate that considerable fish canning and oil manufacture were carried on at that time.

No counties or civil divisions exist in the territory, and for the purposes of enumeration two districts were established. The Northern district includes the valley of the Yukon and all the territory north of it. The Southern district embraces the remaining territory, including the Alaskan Peninsula and the chain of the Aleutian Islands.

Table 1 is a summary of the manufacturing and mechanical industries of the territory as returned at the census of 1900.

TABLE 1.—SUMMARY FOR 1900.

Number of establishments	63
Capital	$3,600,409
Salaried officials, clerks, etc., number	82
Salaries	$117,480
Wage-earners, average number	2,263
Total wages	$1,395,709
Men, 16 years and over	2,262
Wages	$1,395,304
Women, 16 years and over	1
Wages	$405
Children, under 16 years	
Wages	
Miscellaneous expenses	$170,334
Cost of materials used	$1,785,776
Value of products, including custom work and repairing	$4,250,984

Table 2 is a summary of the statistics of all establishments in the territory, including 2 eleemosynary institutions. The statistics of the latter are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	65	$3,622,484	42	2,274	$1,406,159	$172,834	$1,812,396	$3,114	$1,679,272	$130,010	$4,298,884
Eleemosynary institutions	2	22,075		11	10,450	2,500	26,620	1,000	25,620		47,900
All other establishments	63	3,600,409	42	2,263	1,395,709	170,334	1,785,776	2,114	1,653,652	130,010	4,250,984

Table 3 is a comparative summary of the reports for lumber and timber products as returned at the censuses of 1890 and 1900, with the percentages of increase.

TABLE 3.—LUMBER AND TIMBER PRODUCTS, 1890 AND 1900, WITH PER CENT OF INCREASE.

	DATE OF CENSUS.		Per cent of increase, 1890 to 1900.
	1900	1890	
Number of establishments	25	10	150.0
Capital	$181,950	$105,727	72.1
Wage-earners, average number	81	78	3.8
Total wages	$76,988	$18,625	313.4
Miscellaneous expenses	$12,280	$5,252	133.8
Cost of materials used	$90,683	$30,198	200.3
Value of products, including custom work and repairing	$211,229	$58,440	261.4

Table 4 shows the totals for the Northern and Southern districts of the territory.

Table 5 shows the totals for the territory by specified industries.

The canning and preserving of fish is the most important manufacturing industry, the value of its products, $3,821,136, constituting 89.9 per cent of the total for the territory. It is one of the most important and extensive manufacturing industries of the Pacific Coast. As indicated above, it ranks first in importance in Alaska, and, according to the returns of the Twelfth Census, third in the states of Washington and Oregon, and is an important industry in California. Of the total number of establishments reported as engaged in the canning and preserving of fish on the Pacific Coast, 36, or 31.3 per cent, are located in Alaska, and the value of products forms 33.8 per cent of the total value reported for the group. The number of establishments and value of products for this industry in Alaska exceed the combined returns of Oregon and California for the same industry. Washington, however, has the same number of establishments and a greater value of products. The canning establishments of Alaska are largely controlled by California capital.

Fish canning and fish-oil manufacture on the Pacific Coast are ordinarily carried on in connection with fishing, and it has been impossible to limit the statistics to the strictly manufacturing operations. For this reason the total value of materials purchased in the raw state for Alaska (shown in Table 2) is inconsiderable compared with the value of material purchased in partly manufactured form. These latter, in the canning industry and the oil manufacture, include cans, cases, etc.

TABLE 4.—MANUFACTURES BY DISTRICTS: 1900.

DISTRICTS.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
The Territory	63	$3,600,409	$84,860	$1,092,209	$2,033,605	$389,735	42	82	$117,480	2,263	$1,395,709
Northern	10	14,600	1,200	1,500	11,900	----------	14	1	250	15	31,999
Southern	53	3,585,809	83,660	1,090,709	2,021,705	389,735	28	81	117,230	2,248	1,363,710

DISTRICTS.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued. Men, 16 years and over. Average number.	Wages.	Women, 16 years and over. Average number.	Wages.	MISCELLANEOUS EXPENSES. Total.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	COST OF MATERIALS USED. Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.
The Territory	2,262	$1,395,304	1	$405	$170,334	$32,314	$137,020	$1,000	$1,785,776	$1,743,766	$42,010	$4,250,984
Northern	15	31,999	-------	-------	3,625	----------	3,625	----------	19,620	19,620	----------	67,018
Southern	2,247	1,363,305	1	405	166,709	32,314	133,395	1,000	1,766,156	1,724,146	42,010	4,183,966

TABLE 5.—MANUFACTURES BY SPECIFIED INDUSTRIES: 1900.

MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
All industries	63	$3,600,409	$84,860	$1,092,209	$2,033,605	$389,735	42	82	$117,480	2,263	$1,395,709
Cars and general shop construction and repairs by steam railroad companies.	1	107,231	3,000	20,125	14,106	70,000	-------	2	2,000	57	55,759
Fish, canning and preserving	36	3,203,228	73,135	971,094	1,849,264	309,735	7	64	106,430	2,092	1,242,642
Fish oil	1	108,000	1,500	50,000	46,500	10,000	-------	3	1,800	33	20,320
Lumber and timber products	25	181,950	7,225	50,990	123,735	----------	35	13	7,250	81	76,988

MANUFACTURING AND MECHANICAL INDUSTRIES.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued. Men, 16 years and over. Average number.	Wages.	Women, 16 years and over. Average number.	Wages.	MISCELLANEOUS EXPENSES. Total.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	COST OF MATERIALS USED. Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.
All industries	2,262	$1,395,304	1	$405	$170,334	$32,314	$137,020	$1,000	$1,785,776	$1,743,766	$42,010	$4,250,984
Cars and general shop construction and repairs by steam railroad companies.	57	55,759	-------	-------	200	----------	200	----------	66,660	63,300	3,360	124,619
Fish, canning and preserving	2,091	1,242,237	1	405	150,854	31,314	118,540	1,000	1,587,883	1,549,733	38,150	3,821,136
Fish oil	33	20,320	-------	-------	7,000	1,000	6,000	----------	40,550	40,050	500	94,000
Lumber and timber products	81	76,988	-------	-------	12,280	----------	12,280	----------	90,683	90,683	----------	211,229

ARIZONA.

Arizona was organized as a territory on February 24, 1863. Prior to that date it formed a part of the territory of New Mexico; therefore, the Ninth Census (1870) was the first census in which the statistics for the territory were published separately.

Table 1 shows the manufacturing and mechanical industries of the territory as returned at the censuses of 1870 to 1900, inclusive, with the percentages of increase for each decade.

TABLE 1.—COMPARATIVE SUMMARY, 1870 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.				PER CENT OF INCREASE.		
	1900	1890	1880	1870	1890 to 1900	1880 to 1890	1870 to 1880
Number of establishments	314	76	66	18	313.2	15.2	266.7
Capital	$10,157,408	$616,629	$272,600	$150,700	1,547.2	126.2	80.9
Salaried officials, clerks, etc., number	210	[1] 70	(2)	(2)	200.0		
Salaries	$267,510	[1] $55,981	(2)	(2)	377.9		
Wage-earners, average number	3,266	458	220	84	613.1	108.2	161.9
Total wages	$2,369,065	$302,146	$111,180	$45,580	684.1	171.8	143.9
Men, 16 years and over	3,186	440	216	84	624.1	103.7	157.1
Wages	$2,345,813	$296,929	(2)	$45,580	690.0		
Women, 16 years and over	42	9	2	(2)	366.7	350.0	
Wages	$15,394	$4,435	(2)	(2)	247.1		
Children, under 16 years	38	9	2	(2)	322.2	350.0	
Wages	$7,858	$782	(2)	(2)	904.9		
Miscellaneous expenses	$433,272	$49,231	(3)	(3)	780.1		
Cost of materials used	$8,464,410	$353,814	$380,023	$110,090	2,292.3	[4] 6.9	245.2
Value of products, including custom work and repairing	$21,315,189	$947,547	$618,365	$185,410	2,149.5	53.2	233.5

[1] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 4.)
[2] Not reported separately.
[3] Not reported.
[4] Decrease.

While Table 1 shows a rapid increase in the manufacturing and mechanical industries, especially during the past decade, the territory is preeminently a mining and stock-raising region, and the people are chiefly occupied in the development of the natural resources. The totals for 1870 include 2 establishments engaged in milling and smelting quartz and copper not included in the report on manufactures at subsequent censuses. The statistics for copper smelting and refining, which were included in the report on mining at the censuses of 1880 and 1890, are now included in the report on manufactures and constitute 81.1 per cent of the total product of the territory, and this accounts for the abnormal increase shown, for the last decade, in the products.

With the exception of the smelting and refining of ores, manufacturing is almost wholly limited to the so-called neighborhood industries, and practically the entire product is consumed at or near the point of production. The lumber mills and the construction and repair shops of steam railroads are the exceptions to this rule.

Table 2 divides the industries of the territory between the hand trades and the manufactures proper. This table also gives the statistics for a governmental establishment, educational, eleemosynary, and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	369	$10,185,840	364	3,282	$2,375,296	$435,595	$8,492,309	$3,953,820	$2,034,336	$2,504,153	$21,357,353
Hand trades [1]	122	201,688	135	243	163,601	25,242	317,450	900	296,450	20,100	662,088
Governmental establishment	1	5,000		2	1,320		13,984	12,834	100	1,050	16,987
Educational, eleemosynary, and penal institutions	5	1,185		4	2,945	125	7,958		7,848	110	10,824
Establishments with a product of less than $500	49	22,247	53	10	1,966	2,198	5,957	16	5,941		14,353
All other establishments	192	9,955,720	176	3,023	2,205,464	408,030	8,146,960	3,940,070	1,723,997	2,482,893	20,653,101

[1] Includes bicycle and tricycle repairing, 6; blacksmithing and wheelwrighting, 38; boots and shoes, custom work and repairing, 11; carpentering, 15; clothing, men's, custom work and repairing, 13; clothing, women's, dressmaking, 3; dyeing and cleaning, 1; lock and gun smithing, 1; masonry, brick and stone, 2; millinery, custom work, 7; painting, house, sign, etc., 5; plastering and stuccowork, 1; plumbing, and gas and steam fitting, 8; watch, clock, and jewelry repairing, 11.

Of the 369 establishments of all classes shown in Table 2, 171, or 46.3 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $676,441, or only 3.2 per cent of the total products of the territory.

In addition to the 369 active establishments in the terri-

TABLE 3.—MANUFACTURES

	Counties and manufacturing and mechanical industries.	Number of establishments.	Capital.					Proprietors and firm members.	Salaried officials, clerks, etc.		Average number of wage-earners and total wages.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total. Average number.	Total. Wages.
1	The Territory	314	$10,157,408	$643,443	$1,471,612	$1,476,596	$6,565,757	311	210	$267,510	3,266	$2,369,065
2	Apache	11	21,327	1,335	6,000	10,590	3,402	11	3	2,000	12	3,250
3	Cochise	14	1,285,153	22,020	40,785	189,600	1,032,748	12	21	40,383	645	412,086
4	Coconino	16	999,837	352,541	117,044	300,681	229,571	13	21	27,140	224	159,177
5	Gila	5	731,513	101,816	235,416	80,085	314,196	2	19	23,287	113	118,797
6	Graham	24	1,447,797	14,325	499,665	183,348	750,459	21	26	43,715	627	500,566
7	Maricopa	81	530,422	42,650	59,235	229,371	199,166	83	47	33,461	317	190,352
8	Mohave	5	36,038	1,200	6,900	23,000	4,938	3	2	900	15	12,680
9	Navajo	13	105,970	10,060	63,198	21,891	10,821	14	1	1,500	186	123,125
10	Pima[1]	88	768,019	77,496	188,496	225,385	276,642	94	36	39,834	553	394,811
11	Santa Cruz	7	65,661	1,800	11,966	14,750	37,145	5	9	13,410	46	33,018
12	Yavapai	44	4,133,105	14,700	235,907	182,655	3,699,843	45	23	40,580	517	416,703
13	Yuma	6	32,566	3,500	7,000	15,240	6,826	8	2	1,300	11	4,500

[1] Two establishments in Pinal county are included in Pima county to avoid disclosing operations of individual establishments.

TABLE 4.—MANUFACTURES BY

1	Total by industries	314	$10,157,408	$643,443	$1,471,612	$1,476,596	$6,565,757	311	210	$267,510	3,266	$2,369,065
2	Bicycle and tricycle repairing	6	14,510	200	1,000	2,600	10,710	6	2	300	11	5,330
3	Blacksmithing and wheelwrighting	38	57,774	16,700	10,925	12,176	17,973	41			36	20,223
4	Boots and shoes, custom work and repairing.	11	3,820			785	3,035	11			3	1,218
5	Bread and other bakery products	8	34,160	3,900	12,800	6,460	11,000	10	2	2,200	35	23,328
6	Brick and tile	19	56,945	8,320	10,555	6,695	31,375	24	3	2,700	89	46,980
7	Carpentering	15	58,168	11,700	9,710	4,150	32,608	22	1	800	92	75,757
8	Carriages and wagons	5	50,450	12,000	11,400	5,350	21,700	3	4	1,180	25	17,396
9	Cars and general shop construction and repairs by steam railroad companies.	7	430,119	54,300	141,289	130,532	103,998		14	21,300	576	437,238
10	Cheese, butter, and condensed milk, factory product.	7	73,480	2,975	16,125	25,494	28,886	4	14	5,686	15	9,410
11	Clothing, men's, custom work and repairing.	13	14,175			1,815	12,360	13			25	18,625
12	Clothing, women's, dressmaking	3	410			290	120	4			3	700
13	Copper, smelting and refining	9	7,265,659	122,266	965,024	515,937	5,662,432		80	140,621	1,648	1,276,739
14	Flouring and grist mill products	11	221,112	10,575	41,690	58,280	110,567	10	11	9,125	36	19,970
15	Foundry and machine shop products	5	63,350	5,371	4,820	23,743	29,416	5	1	900	18	11,600
16	Gas, illuminating and heating	3	70,150	2,200	2,600	63,500	1,850		6	2,020	4	2,850
17	Ice, manufactured	9	228,670	16,050	49,916	136,000	26,704	11	12	10,370	44	30,608
18	Lumber and timber products	14	940,698	350,611	103,874	262,021	224,192	13	16	25,200	197	137,810
19	Lumber, planing mill products, including sash, doors, and blinds.	3	35,544	2,500	3,450	3,881	25,713	4	1	600	13	10,000
20	Mattresses and spring beds	4	3,810	500	750	910	1,650	5			7	2,740
21	Millinery, custom work	7	11,275	2,000	1,500	740	7,035	8	2	1,140	5	1,450
22	Mineral and soda waters	10	29,540	3,350	5,000	16,000	5,190	13	1	700	13	5,094
23	Monuments and tombstones	3	3,765			250	3,515	3			3	1,770
24	Painting, house, sign, etc	5	8,330	1,500	1,300	755	4,775	5			16	8,788
25	Photography	8	4,610		145	2,775	1,690	9			1	1,375
26	Plumbing, and gas and steam fitting	8	22,700	1,600	3,550	6,350	11,200	9	2	1,650	24	15,430
27	Printing and publishing, newspapers and periodicals.	32	186,573	7,050	12,475	118,602	48,446	28	15	17,727	139	73,640
28	Saddlery and harness	9	14,960	3,600	700	1,240	9,420	9	2	576	8	3,942
29	Tinsmithing, coppersmithing, and sheet-iron working.	4	23,685	2,900	2,900	2,375	15,510	5			5	3,720
30	Tobacco, cigars and cigarettes	7	42,726	300	5,810	1,411	35,205	7	4	7,900	44	29,810
31	Watch, clock, and jewelry repairing	11	6,401			2,305	4,096	10			5	3,450
32	All other industries[1]	20	179,839	975	52,304	63,174	63,386	19	17	14,815	126	72,074

[1] Embraces awnings, tents, and sails, 1; bottling, 2; brooms and brushes, 1; chemicals, 1; confectionery, 2; dyeing and cleaning, 1; leather, tanned, curried, and finished, 1; liquors, vinous, 1; lock and gun smithing, 1; masonry, brick and stone, 2; paving and paving materials, 2; plastering and stuccowork, 1; printing and publishing, book and job, 2; trunks and valises, 1; wood, preserving, 1.

tory during the census year, with a capital of $10,185,840, shown in Table 2, there were 10 idle establishments with a capital of $163,775.

Table 3 shows the totals for the territory by counties.

Table 4 shows the totals for the territory by specified industries.

BY COUNTIES: 1900.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
3,186	$2,345,813	42	$15,394	38	$7,858	$433,272	$36,544	$55,815	$327,898	$13,015	$8,464,410	$6,262,024	$2,202,386	$21,315,189	1
12	3,250					700	296	298	86	20	10,503	10,418	85	24,036	2
642	410,336	2	1,500	1	250	24,254	287	3,823	20,144		1,444,860	955,984	488,876	5,135,484	3
210	154,327	1	650	13	4,200	16,132	765	5,581	9,086	700	405,426	403,255	2,171	682,176	4
113	118,797					2,603	24	1,854	725		1,011,391	618,882	392,509	1,276,814	5
624	499,671	3	895			44,521	447	5,696	38,378		2,416,257	1,771,014	645,243	4,785,860	6
295	185,918	14	3,684	8	750	46,573	16,123	4,540	24,360	1,550	469,027	447,879	21,148	873,224	7
14	12,380	1	300			1,336	10	470	856		7,560	4,479	3,081	35,031	8
182	122,377	2	280	2	468	1,163	590	379	194		91,268	85,959	5,309	230,843	9
531	388,112	10	4,725	12	1,974	43,611	10,945	7,985	23,531	1,150	898,579	781,243	117,336	1,628,863	10
42	31,458	3	1,500	1	60	23,152	570	550	16,032	6,000	20,489	18,409	2,080	106,721	11
510	414,687	6	1,860	1	156	227,157	5,923	24,369	194,365	2,500	1,682,790	1,160,225	522,565	6,514,387	12
11	4,500					2,070	564	270	141	1,095	6,260	4,277	1,983	21,750	13

SPECIFIED INDUSTRIES: 1900.

3,186	$2,345,813	42	$15,394	38	$7,858	$433,272	$36,544	$55,815	$327,898	$13,015	$8,464,410	$6,262,024	$2,202,386	$21,315,189	1
11	5,330					1,973	1,060	63	800	50	6,689	6,450	239	20,794	2
36	20,223					3,293	1,927	644	722		31,382	28,547	2,835	83,511	3
3	1,218					1,883	1,664	80	139		3,706	3,668	38	12,272	4
33	22,368	2	960			5,729	1,768	951	3,010		49,734	48,272	1,462	108,549	5
83	45,752	1	70	5	1,158	9,950	325	725	400	8,500	15,202	1,097	14,105	101,758	6
92	75,757					3,220	1,376	409	415	1,020	177,194	177,194		317,220	7
24	17,336			1	60	1,507		773	734		16,398	14,828	1,570	53,010	8
576	437,238					16,454		5,039	11,415		412,490	399,457	13,033	887,482	9
15	9,410					6,099	1,200	467	2,932	1,500	121,592	117,139	4,453	148,458	10
21	16,600	4	2,025			3,908	3,031	165	612	100	23,125	22,834	291	57,453	11
		3	700			532	480		52		800	760	40	3,860	12
1,648	1,276,739					266,548		30,036	236,512		6,370,884	4,261,052	2,109,832	17,286,517	13
36	19,970					15,053	800	1,560	12,693		382,055	376,800	5,255	455,246	14
18	11,600					2,528	700	334	1,494		26,936	23,644	3,292	49,975	15
4	2,850					5,091	200	1,087	3,804		7,790	7,023	767	18,450	16
44	30,608					10,408	244	2,470	6,599	1,095	41,505	8,304	33,201	132,611	17
185	133,810			12	4,000	12,822		5,358	7,464		304,205	304,205		547,790	18
13	10,000					1,595	350	198	1,047		36,132	34,977	1,155	71,482	19
6	2,500			1	240	457	264	15	178		4,323	4,323		9,100	20
		5	1,450			2,367	1,310	222	835		7,936	7,925	11	14,630	21
9	4,396	1	156	3	542	2,967	928	367	1,672		12,335	12,142	193	34,250	22
3	1,770					442	330	62	50		3,853	3,853		7,000	23
16	8,788					1,126	795	50	281		8,221	8,221		39,200	24
1	1,375					1,713	1,425	100	188		4,686	4,661	25	14,650	25
23	15,070			1	360	2,855	1,425	311	1,069	50	39,019	38,705	314	65,153	26
109	65,807	17	6,685	13	1,148	17,968	5,873	1,814	10,281		46,393	43,954	2,439	236,975	27
8	3,942					1,955	1,505	230	220		6,837	6,696	141	19,842	28
5	3,720					928		393	535		5,851	5,701	150	14,900	29
39	27,840	4	1,740	1	230	18,904	1,170	181	17,553		25,354	25,344	10	88,264	30
4	3,330			1	120	2,307	1,939	112	256		3,904	3,782	122	16,195	31
121	70,466	5	1,608			10,690	4,455	1,599	3,936	700	267,879	260,466	7,413	398,592	32

ARKANSAS.

Table 1 shows the manufacturing and mechanical industries of the state of Arkansas as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	4,794	2,073	1,202	1,079	518	261	131.3	72.5	11.4	108.3	98.5
Capital	$35,960,640	$14,971,614	$2,953,130	$1,782,913	$1,316,610	$305,015	140.2	407.0	65.6	35.4	331.7
Salaried officials, clerks, etc., number	1,649	[1] 1,829	(2)	(2)	(2)	(2)	[3] 9.8	-------	-------	-------	-------
Salaries	$1,251,096	[1] $1,100,702	(2)	(2)	(2)	(2)	13.7	-------	-------	-------	-------
Wage-earners, average number	26,501	14,143	4,557	3,206	1,877	842	87.4	210.4	42.1	70.8	122.9
Total wages	$8,686,291	$4,649,186	$925,358	$673,963	$554,240	$159,876	86.8	402.4	37.3	21.6	246.7
Men, 16 years and over	25,158	13,277	4,307	3,077	1,831	812	89.5	208.3	40.0	68.1	125.5
Wages	$8,424,011	$4,515,560	(2)	(2)	(2)	(2)	86.6	-------	-------	-------	-------
Women, 16 years and over	700	463	90	47	46	30	51.2	414.4	91.5	2.2	53.3
Wages	$159,820	$92,383	(2)	(2)	(2)	(2)	73.0	-------	-------	-------	-------
Children, under 16 years	543	403	160	82	(2)	(2)	59.6	151.9	95.1	-------	-------
Wages	$102,460	$41,243	(2)	(2)	(2)	(2)	148.4	-------	-------	-------	-------
Miscellaneous expenses	$1,482,779	$1,035,107	(4)	(4)	(4)	(4)	43.2	-------	-------	-------	-------
Cost of materials used	$23,963,768	$12,397,261	$4,392,080	$2,536,998	$1,280,503	$215,789	93.3	182.3	73.1	98.1	493.4
Value of products, including custom work and repairing	$45,197,731	$22,659,179	$6,756,159	$4,629,234	$2,880,578	$537,908	99.5	235.4	45.9	60.7	435.5
Total population	1,311,564	1,128,179	802,525	484,471	435,450	209,897	16.3	40.6	65.6	11.3	107.5
Wage-earners engaged in manufactures	26,501	14,143	4,557	3,206	1,877	842	87.4	210.4	42.1	70.8	122.9
Per cent of total population	2.0	1.3	0.6	0.7	0.4	0.4	-------	-------	-------	-------	-------
Assessed value of real estate	[5] $128,084,667	$109,417,158	$55,760,388	$63,102,304	$63,254,740	$17,372,524	17.1	96.2	[3] 11.6	[3] 0.2	264.1
Value of land and buildings invested in manufactures [6]	$11,845,887	$4,490,567	(2)	(2)	(2)	(2)	163.8	-------	-------	-------	-------
Per cent of assessed value	9.2	4.1	-------	-------	-------	-------	-------	-------	-------	-------	-------

[1] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[2] Not reported separately.
[3] Decrease.
[4] Not reported.
[5] As given in letter of T. C. Monroe, State Auditor of Arkansas, August 19, 1901.
[6] Does not include value of rented property.

Although Arkansas is an agricultural state, Table 1 shows that there has been a steady growth in the manufacturing and mechanical industries during the half century. The population during these years increased from 209,897 to 1,311,564, or 524.9 per cent, but the average number of wage-earners employed in manufacturing establishments increased from 842 to 26,501, or 3,047.4 per cent, embracing, in 1900, 2 per cent of the entire population, compared with four-tenths of 1 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 42,052, or 3.2 per cent of the total population of the state.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for an eleemosynary institution and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	8,384	$37,169,799	9,757	29,173	$8,744,271	$1,513,692	$24,165,167	$6,758,834	$16,555,814	$850,519	$45,887,526
Hand trades [1]	1,061	1,013,308	1,255	1,302	545,675	157,559	1,014,272	41,215	918,125	54,932	2,675,443
Eleemosynary institution	1	1,875	-------	-------	-------	-------	162	80	82	-------	330
Establishments with a product of less than $500	3,589	1,207,284	4,006	2,672	57,980	30,913	201,237	32,581	168,656	-------	689,465
All other establishments	3,733	34,947,332	4,496	25,199	8,140,616	1,325,220	22,949,496	6,684,958	15,468,951	795,587	42,522,288

[1] Includes bicycle and tricycle repairing, 12; blacksmithing and wheelwrighting, 533; boots and shoes, custom work and repairing, 80; carpentering, 59; clothing, men's, custom work and repairing, 64; clothing, women's, dressmaking, 16; dyeing and cleaning, 11; furniture, cabinetmaking, repairing, and upholstering, 25; lock and gun smithing, 15; masonry, brick and stone, 3; millinery, custom work, 116; painting, house, sign, etc., 21; paper hanging, 1; plastering and stuccowork, 1; plumbing, and gas and steam fitting, 22; sewing machine repairing, 6; watch, clock, and jewelry repairing, 76.

Of the 8,384 establishments of all classes shown in this table, 4,650, or 55.5 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products for these establishments, consisting principally of the sums received for custom work and repairing, amounted to $3,364,908, or only 7.3 per cent of the total products of the state.

In addition to the 8,384 active establishments in the state during the census year, with a capital of $37,169,799, shown in Table 2, there were 106 idle establishments, with a capital of $601,048, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Brick and tile	10	$20,065	Lumber, planing mill products, including sash, doors, and blinds	1	$3,200
Cotton, ginning	38	34,176	Marble and stone work	1	5,820
Furniture, cabinetmaking, repairing, and upholstering	1	7,013	Woolen goods	2	5,140
Liquors, distilled	4	13,460	All other industries	18	4,141
Lumber and timber products	31	508,033			

TABLE 3.—COMPARATIVE SUMMARY OF SEVEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	3,067	$29,817,055	21,717	$6,990,732	$939,133	$20,832,017	$37,320,357
	1890	1,250	11,320,834	10,384	3,291,392	686,892	10,305,545	17,275,192
Increase, 1890 to 1900		1,817	18,496,221	11,333	3,699,340	252,241	10,526,472	20,045,165
Per cent of increase		145.4	163.4	109.1	112.4	36.7	102.1	116.0
Per cent of total of all industries in state	1900	64.0	82.9	81.9	80.5	63.3	86.9	82.6
	1890	60.3	75.6	73.4	70.8	66.4	83.1	76.2
Cars and general shop construction and repairs by steam railroad companies.	1900	21	720,907	1,927	1,203,761	27,124	765,003	2,095,447
	1890	8	355,747	847	563,187		715,340	1,299,558
Cotton, ginning[1]	1900	1,150	1,838,698	1,103	146,041	43,740	342,125	1,261,097
	1890	137	221,620	569	50,638	12,677	30,725	153,226
Flouring and grist mill products	1900	410	1,183,052	443	116,445	44,681	3,029,236	3,708,709
	1890	376	975,616	742	107,439	53,898	2,041,587	2,498,168
Lumber and timber products	1900	1,199	21,727,710	15,895	4,730,413	522,653	13,068,267	23,959,983
	1890	539	6,928,720	6,563	1,894,395	292,541	4,798,577	8,943,052
Lumber, planing mill products, including sash, doors, and blinds	1900	50	1,213,011	1,082	345,806	60,778	1,459,636	2,266,522
	1890	38	850,092	640	279,662	45,209	1,219,151	1,761,932
Oil, cottonseed and cake	1900	20	2,484,794	667	232,856	160,896	1,995,771	3,188,812
	1890	8	1,488,690	511	158,651	160,148	1,319,039	1,881,668
Printing and publishing, newspapers and periodicals	1900	217	648,883	600	215,410	79,261	171,979	839,787
	1890	144	500,349	512	237,420	122,419	181,126	737,588

[1] Does not include many ginneries operated in connection with saw, grist, and cottonseed-oil mills or for the use exclusively of plantations on which they are located. For the full number of ginneries in operation reference should be made to the special report on cotton ginning.

The 7 leading industries of the state in 1900, as shown in Table 3, embrace 3,067 establishments, or 64 per cent of the total number; $29,817,055, or 82.9 per cent of the capital; 21,717, or 81.9 per cent of the total average number of wage-earners; $6,990,732, or 80.5 per cent of the total wages; and $37,320,357, or 82.6 per cent of the total products. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of the products.

Table 3 shows that the manufacture of lumber and timber products is by far the most important in Arkansas. The 1,199 establishments reported for this industry in 1900, with a capital of $21,727,710, gave employment to 15,895 wage-earners, or 60 per cent of the wage-earners of the entire state. The value of the products was $23,959,983, or 53 per cent of the value of all the products of the state, compared with $8,943,052 in 1890, an increase of $15,016,931, or 167.9 per cent. The importance of this industry is due in great part to extensive forests, estimated, in 1898, to cover 25,600,000 acres, or more than three-fourths of the total area of the state.[1] "Hard woods prevail north of the Arkansas River, cypress swamps cover a great part of the eastern alluvial districts, and in the south there are extensive districts covered with pine."[2] "The hard-wood forests of the state are hardly surpassed in variety and richness, and contain inestimable bodies of the finest oak, walnut, hickory, and ash timber."[3]

Related to the lumber and timber industry is the manufacture of planing mill products, including sash, doors, and blinds, in which 50 establishments were reported having a capital of $1,213,011, 1,082 wage-earners, and products valued at $2,266,522. The development is shown in a comparison with the statistics of 1890, when 38 establishments were reported, with a capital of $850,092, wage-earners numbering 640, and products valued at $1,761,932.

The flour and grist milling industry ranked second in

[1] Report of the Arkansas Bureau of Mines, Manufactures, and Agriculture, 1897–1898, page 122.
[2] Arkansas, by C. W. Greene, page 5.
[3] Tenth Census, The Forests of the United States, page 544.

importance. The 410 establishments reported had a capital of $1,183,052, employed 443 wage-earners, and had products valued at $3,708,709. In 1890, 376 establishments were reported, with a capital of $975,616, wage-earners numbering 742, and products valued at $2,498,168.

The manufacture of cottonseed oil and cake ranked third with 20 establishments, having a capital of $2,484,794, 667 wage-earners, and products valued at $3,188,812. Material previously thrown away or burned is used in this industry, which dates back to 1834, when the first mill in the country is said to have been established at Natchez, Miss.[1] It is only since the Civil War that the manufacture has been extensively developed. In addition to oil, these mills produce cottonseed cake and meal, which are used largely as a fertilizer and, to some extent, also, as food for cattle. The industry was reported in Arkansas first at the census of 1870, when there was but 1 establishment in the state. In 1880 there were 4, and in 1890, 8 establishments. During the decade from 1890 to 1900 the increase in value of products was $1,307,144, or 69.5 per cent. Allied to the manufacture of cottonseed oil and cake is the ginning of cotton. The number of establishments increased from 137 in 1890 to 1,150 in 1900, or 739.4 per cent. The total amount received for ginning, and other work done, increased from $153,226 in 1890 to $1,261,097 in 1900, or 723 per cent. These figures do not include the operations of many private plantation ginneries, or ginneries connected with saw, grist, and cottonseed-oil mills. For the full number of ginneries in operation reference should be made to the special report on cotton ginning. Both cotton ginning and cottonseed oil and cake manufacture are dependent upon the large cotton production of the state, amounting in 1899 to 719,453 commercial bales, or 7.6 per cent of the total production of the country.[2]

The construction and repair shops of steam railroad companies ranked fifth in importance, numbering 21, with a capital of $720,907, 1,927 wage-earners, and products valued at $2,095,447. In 1890 there were 8 establishments, having a capital of $355,747, wage-earners numbering 847, and products valued at $1,299,558.

In the printing and publishing of newspapers and periodicals, there were 217 establishments with a capital of $648,883, 600 wage-earners, and products valued at $839,787. In 1890 there were 144 establishments reported, having a capital of $500,349, wage-earners numbering 512, and products valued at $737,588.

[1] Cotton and Cotton Oil, by D. A. Tompkins, page 210 et passim.

[2] See special report on cotton ginning.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the city of Little Rock, as returned at the censuses of 1890 and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, LITTLE ROCK, 1890 AND 1900, WITH PER CENT OF INCREASE.

	DATE OF CENSUS.		Per cent of increase, 1890 to 1900.
	1900	1890	
Number of establishments	171	124	37.9
Capital	$3,434,393	$2,265,324	51.6
Wage-earners, average number	2,751	1,333	106.4
Total wages	$1,384,722	$635,352	117.9
Miscellaneous expenses	$295,156	$254,227	16.1
Cost of materials used	$1,990,081	$1,396,773	42.5
Value of products, including custom work and repairing	$4,723,118	$3,120,677	51.3

It appears from Table 4 that there has been a considerable increase during the past decade in the manufactures of the city. The number of establishments increased from 124 to 171, or 37.9 per cent; the average number of wage-earners from 1,333 to 2,751, or 106.4 per cent; and the value of products from $3,120,677 to $4,723,118, or 51.3 per cent. The 171 establishments in Little Rock in 1900 were 3.6 per cent of the entire number located within the state. These establishments had a combined capital amounting to $3,434,393, or 9.6 per cent of all the capital employed in the state. Of the wage-earners, 2,751, or 10.4 per cent of all in the state, were employed in Little Rock. The total amount of wages paid in the city was $1,384,722, or 15.9 per cent of all wages paid in the state. The value of products, including custom work and repairing, during 1900 was $4,723,118, or 10.4 per cent of the total products of the state.

Table 5 presents the totals for the manufacturing industries of Fort Smith, Helena, Little Rock, Pine Bluff, and Van Buren, and places them in comparison with the totals for the entire state, and the state exclusive of these cities.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Total for state	4,794	$35,960,640	5,751	26,501	$8,686,291	$1,482,779	$23,963,768	$45,197,731
Total for urban manufactures	530	7,682,048	541	5,291	2,441,611	568,448	4,247,459	9,656,447
Fort Smith	194	1,131,924	206	1,012	394,363	123,891	890,191	2,119,062
Helena	43	563,146	43	272	108,702	44,893	437,047	821,011
Little Rock	171	3,434,393	174	2,751	1,384,722	295,156	1,990,081	4,723,118
Pine Bluff	91	2,470,025	87	1,111	488,546	97,445	873,921	1,815,677
Van Buren	31	82,560	31	145	65,278	7,063	56,219	177,579
Total for state exclusive of urban manufactures	4,264	28,278,592	5,210	21,210	6,244,680	914,331	19,716,309	35,541,284
Per cent of urban manufactures to total for state	11.1	21.4	9.4	20.0	28.1	38.3	17.7	21.4

Of the 4,794 establishments of the state, 530, or 11.1 per cent, are located in these 5 cities. The capital reported for these establishments is $7,682,048, or 21.4 per cent of that for the entire state. They furnished employment to 5,291 wage-earners, or 20 per cent of the total number; paid $2,441,611 in wages, or 28.1 per cent of the total amount; and the value of their products, $9,656,447, formed 21.4 per cent of the total for the state.

TABLE 6.—MANUFACTURES

	Counties.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
1	The State	4,794	$35,960,640	$8,164,629	$3,681,258	$12,444,494	$11,670,259	5,751	1,649	$1,251,096	26,501	$8,686,291
2	Arkansas	44	169,082	39,640	16,555	49,170	63,717	60	2	2,720	86	23,458
3	Ashley	58	234,127	35,959	34,155	117,905	46,108	63	19	4,884	212	47,715
4	Baxter	25	48,913	5,297	7,000	23,751	12,865	39	------	------	25	4,559
5	Benton	176	378,532	37,702	62,972	161,774	116,084	227	13	5,513	283	62,825
6	Boone	50	102,485	10,147	21,396	43,203	27,739	61	------	------	69	15,177
7	Bradley	38	230,892	11,836	19,704	76,735	122,617	50	18	8,978	246	73,402
8	Calhoun	13	538,783	98,130	53,384	217,528	169,741	12	15	15,660	526	130,279
9	Carroll	82	147,020	24,940	22,840	61,702	37,538	104	4	2,885	119	33,218
10	Chicot	46	160,969	16,272	18,785	87,202	38,710	50	16	2,431	180	53,182
11	Clark	53	635,936	196,528	55,520	204,292	179,596	68	12	13,300	646	175,439
12	Clay	63	427,720	98,358	28,966	152,820	147,576	75	23	17,270	409	125,187
13	Cleburne	36	68,406	14,897	10,220	36,415	6,874	46	2	340	59	9,863
14	Cleveland	34	739,638	195,491	26,040	337,941	180,166	38	18	14,520	552	158,323
15	Columbia	70	297,311	9,664	17,857	75,862	193,928	86	12	6,563	220	54,657
16	Conway	60	123,638	19,538	16,345	74,355	13,400	56	12	1,675	107	30,523
17	Craighead	87	838,979	168,349	71,260	233,029	366,341	107	40	17,145	828	279,502
18	Crawford	69	138,824	21,455	23,140	61,072	33,157	77	11	6,029	198	73,093
19	Crittenden	48	399,425	135,860	29,960	148,640	84,965	64	22	13,245	314	101,357
20	Cross	39	228,330	105,265	14,316	75,142	33,607	52	------	------	198	59,120
21	Dallas	42	912,385	368,419	38,896	193,115	311,955	50	22	16,160	388	124,882
22	Desha	48	710,246	461,019	32,527	64,044	152,656	51	13	6,176	134	43,850
23	Drew	65	640,799	198,269	62,407	176,523	203,600	90	25	17,872	418	133,054
24	Faulkner	74	136,182	6,395	20,625	80,205	28,957	95	8	2,567	120	31,219
25	Franklin	48	71,815	4,892	12,960	38,620	15,343	63	------	------	63	14,427
26	Fulton	40	224,151	8,331	23,609	155,255	36,956	52	7	5,325	163	27,218
27	Garland	113	439,222	47,583	35,598	218,484	137,557	119	33	17,874	335	126,850
28	Grant	15	23,690	2,445	2,580	15,900	2,765	20	2	980	32	7,516
29	Greene	64	512,421	67,842	26,665	148,377	269,537	75	26	19,428	438	133,358
30	Hempstead	86	500,857	98,619	31,955	190,218	180,065	104	20	18,396	414	122,311
31	Hot Spring	52	702,389	138,865	90,469	249,746	223,309	55	47	42,710	796	178,823
32	Howard	45	109,375	8,060	11,825	52,895	36,595	57	6	2,593	96	20,674
33	Independence	91	169,244	20,353	28,670	78,628	41,593	111	8	5,670	181	53,261
34	Izard	43	86,003	12,280	9,065	48,870	15,788	63	1	300	53	6,764
35	Jackson	70	384,431	106,148	55,891	171,977	50,415	81	19	12,367	250	76,431
36	Jefferson	190	2,998,839	858,532	395,562	915,866	828,879	196	131	103,783	1,646	610,093
37	Johnson	59	109,508	14,101	13,125	54,045	28,237	78	2	950	85	24,970
38	Lafayette	25	1,512,437	704,808	138,418	287,307	381,904	22	31	37,700	617	264,662
39	Lawrence	54	547,472	175,871	31,302	163,161	177,138	74	22	17,174	391	105,797
40	Lee	66	440,416	75,247	42,592	143,157	179,420	84	18	13,648	268	74,355
41	Lincoln	44	86,781	10,425	13,245	44,072	19,039	61	------	------	75	11,742
42	Little River	41	326,458	53,088	30,540	117,909	124,921	42	24	18,001	312	103,360
43	Logan	89	173,920	18,145	21,324	88,336	46,115	111	3	701	159	38,256
44	Lonoke	85	234,550	65,740	30,660	102,420	35,730	92	12	4,474	162	47,240
45	Madison	61	153,221	32,767	9,815	70,574	40,065	84	7	3,516	182	43,995
46	Marion	29	91,985	35,485	9,055	33,020	14,425	39	------	------	39	10,305
47	Miller	76	649,021	90,099	92,975	307,956	157,991	82	39	32,139	556	198,873
48	Mississippi	69	1,076,249	247,782	72,336	278,380	477,751	87	26	13,897	476	119,591
49	Monroe	61	636,774	57,222	108,891	282,985	187,676	56	33	26,600	554	163,334
50	Montgomery	26	37,773	5,233	6,525	23,130	2,885	33	------	------	26	3,701
51	Nevada	45	144,659	29,254	12,255	58,120	45,030	55	10	9,150	230	62,216
52	Newton	21	16,715	3,445	2,055	7,945	3,270	28	1	350	15	2,209
53	Ouachita	63	2,063,553	654,655	108,892	655,470	644,536	64	80	67,418	1,216	438,618
54	Perry	41	87,523	12,590	8,875	47,685	18,373	56	4	1,160	121	31,274
55	Phillips	116	1,464,815	142,698	159,894	488,365	673,858	111	70	66,720	1,061	324,018
56	Pike	32	319,551	174,310	8,720	67,204	69,317	41	15	16,600	256	63,696
57	Poinsett	21	535,526	136,099	53,700	115,062	230,665	22	17	16,400	324	131,151
58	Polk	70	362,105	28,356	24,112	124,244	185,393	92	47	24,214	512	142,975
59	Pope	72	178,234	27,850	20,080	85,410	44,894	97	1	120	112	24,020
60	Prairie	47	197,831	49,831	14,225	67,745	66,030	49	18	6,603	184	50,544
61	Pulaski	249	4,168,250	373,952	578,081	1,636,273	1,579,944	259	331	282,709	3,504	1,700,394
62	Randolph	39	147,020	26,500	11,645	41,655	67,220	46	5	4,720	131	42,345
63	St. Francis	47	246,979	16,676	71,601	118,821	39,881	65	11	7,458	186	49,271
64	Saline	58	425,133	117,393	24,405	213,015	70,320	67	17	10,537	293	75,711
65	Scott	47	261,271	71,227	33,145	60,731	96,168	74	10	4,760	230	54,338
66	Searcy	19	28,765	1,745	3,810	17,355	5,855	23	------	------	26	4,867
67	Sebastian	250	1,188,826	126,074	246,095	433,370	383,287	276	74	72,894	1,081	408,310
68	Sevier	68	754,176	244,115	27,064	248,973	234,024	89	17	9,510	513	143,049
69	Sharp	44	61,473	11,895	10,765	28,310	10,503	57	------	------	41	7,941
70	Stone	17	16,985	2,390	3,975	8,975	1,645	23	1	175	12	1,784
71	Union	58	1,057,985	273,525	57,868	359,627	366,965	54	39	43,650	567	192,021

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the city of Little Rock by specified industries.

Table 9 shows the totals for all industries in the cities withdrawn from the enumerators, exclusive of Little Rock, shown in Table 8.

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
25,158	$8,424,011	700	$159,820	643	$102,460	$1,482,779	$189,293	$222,922	$1,002,164	$68,400	$23,963,768	$23,579,328	$384,440	$45,197,731	1
81	22,558	5	900			4,160	1,125	879	2,126	30	72,722	70,755	1,967	148,123	2
207	46,915	4	600	1	200	9,264	940	1,414	4,910	2,000	130,012	127,411	2,601	263,861	3
22	4,205	2	250	1	104	2,354	344	291	1,619	100	35,547	34,111	1,436	63,645	4
214	53,511	58	8,241	11	1,073	44,122	4,404	1,915	36,465	1,338	550,594	534,744	15,850	872,251	5
60	14,437	6	540	3	200	6,438	962	759	4,172	545	140,491	136,176	4,315	216,398	6
231	71,219	3	493	12	1,690	11,673	2,311	1,220	8,142		198,850	197,946	904	448,839	7
526	130,279					14,305	75	2,641	11,589		433,723	433,389	334	685,815	8
106	31,812	4	590	9	816	6,271	1,679	1,254	3,188	150	195,277	192,331	2,946	332,138	9
179	53,132			1	50	3,116	470	913	1,733		100,914	98,721	2,193	270,051	10
607	168,667	18	3,899	21	2,873	14,258	272	3,547	10,439		463,449	460,751	2,698	677,455	11
382	119,342			27	5,845	10,618	598	3,494	6,526		313,698	311,341	2,357	660,962	12
56	9,528			3	335	2,425	165	532	1,728		54,734	53,214	1,520	103,875	13
543	156,908			9	1,415	13,278	866	4,313	8,099		373,064	372,696	368	683,406	14
216	53,910			4	747	12,016	659	2,066	9,291		169,504	166,645	2,859	303,731	15
105	30,073	1	250	1	200	8,493	3,917	801	575	3,200	55,559	53,383	2,176	153,382	16
747	265,305	25	6,652	56	7,545	27,085	3,751	5,086	18,248		658,652	654,275	4,377	1,197,581	17
178	69,747	5	1,560	10	1,786	8,138	3,359	779	4,000		84,616	80,296	4,320	239,510	18
314	101,357					12,514	1,117	1,882	9,515		262,616	261,142	1,474	522,058	19
195	58,675	2	320	1	125	7,209	959	1,995	4,255		140,934	140,073	861	267,298	20
382	123,623	5	1,119	1	140	24,934	1,009	3,558	20,367		367,077	366,569	508	728,538	21
126	42,857	2	500	5	493	8,108	1,117	2,905	4,086		93,417	91,596	1,821	194,391	22
403	130,774	1	160	14	2,120	12,793	881	2,673	9,179	60	309,864	307,400	2,464	570,237	23
114	29,984	4	925	2	310	6,455	1,019	1,167	4,239		162,629	158,874	3,755	267,308	24
63	14,427					1,619	459	545	615		61,138	59,627	1,511	123,264	25
71	14,224	58	10,039	34	2,955	5,738	1,933	932	2,873		155,412	152,454	2,958	243,788	26
319	123,423	12	2,975	4	452	26,911	15,255	3,226	8,430		237,464	229,284	8,180	561,270	27
31	7,441			1	75	290	30	179	81		19,748	19,458	290	40,028	28
393	125,856	5	1,000	40	6,502	16,474	1,993	2,265	11,686	530	463,890	460,821	3,069	810,105	29
400	119,081	8	1,892	6	1,338	14,268	1,099	3,700	9,469		383,572	380,604	2,968	703,035	30
781	176,011	6	1,570	9	1,242	26,901	4,032	4,510	17,975	384	664,157	654,876	9,281	1,142,828	31
85	19,431	8	971	3	272	4,307	22	786	3,499		70,904	68,325	2,579	243,201	32
174	51,271	5	1,830	2	160	9,191	2,028	1,421	2,041	3,701	144,994	140,316	4,678	254,387	33
51	6,544			2	220	1,950	157	575	1,218		64,230	62,949	1,281	109,255	34
249	76,251	1	180			19,583	3,315	2,827	11,707	1,734	204,187	194,338	9,799	412,352	35
1,597	599,243	38	8,954	11	1,896	109,774	11,266	11,317	86,781	410	1,150,115	1,118,267	31,848	2,456,907	36
79	24,280	1	240	5	450	2,699	679	729	1,291		80,697	78,353	2,344	156,925	37
610	263,687			7	975	32,767	159	5,057	27,551		934,440	933,498	942	1,438,419	38
375	102,084	1	150	15	3,563	44,269	1,378	21,535	21,331	25	286,716	283,738	2,978	663,216	39
265	73,355	3	1,000			6,467	1,082	1,484	3,899	2	194,931	191,324	3,607	415,456	40
75	11,742					1,765	65	609	1,091		21,793	20,419	1,374	68,609	41
311	103,160			1	200	10,860	217	1,797	8,786	60	304,809	303,776	1,033	485,120	42
152	37,456	3	450	4	350	5,089	874	1,550	2,250	415	164,464	161,671	2,793	254,850	43
159	46,520	1	474	2	246	6,835	1,107	1,671	3,957	100	81,051	77,836	3,215	229,032	44
179	43,390			3	605	3,337	359	774	2,154	50	174,252	172,584	1,668	331,660	45
37	9,906			2	399	1,487	340	754	393		83,125	81,625	1,500	123,932	46
502	186,051	33	10,302	16	2,520	40,459	6,421	5,482	28,556		634,327	621,615	12,712	1,085,295	47
470	118,423	6	1,168			19,635	1,157	7,947	10,531		383,421	378,908	4,513	857,406	48
539	160,594	8	1,870	7	870	27,221	1,799	2,823	22,599		399,897	394,196	5,701	757,667	49
24	3,551			2	150	1,699		278	1,421		22,499	22,044	455	38,026	50
223	60,746	5	1,230	2	240	10,401	578	2,294	7,354	175	90,131	88,940	1,191	213,332	51
14	2,059			1	150	3,021	352	171	2,498		19,259	19,040	219	37,125	52
1,194	434,589			22	4,029	62,740	1,283	12,774	48,111	572	1,482,643	1,478,732	3,911	2,511,180	53
120	31,199			1	75	1,743	350	469	924		67,761	66,614	1,147	142,104	54
1,014	311,274	18	8,630	29	4,114	81,520	7,318	8,583	56,189	9,430	921,108	903,671	17,437	1,787,947	55
256	63,696					4,062	1,552	1,170	1,340		242,855	242,419	436	387,565	56
320	129,827			1	1,324	6,866	66	2,964	3,836		260,331	259,624	707	519,711	57
502	140,694			10	2,281	9,727	1,100	2,477	6,150		591,916	590,971	945	868,875	58
105	23,360	6	610	1	50	4,741	1,004	1,028	2,709		95,020	91,752	3,268	188,848	59
182	50,318			2	226	3,445	339	1,022	2,084		99,635	98,533	1,102	224,408	60
3,260	1,653,652	194	41,750	50	4,992	319,909	47,820	23,263	238,696	10,130	2,886,754	2,787,255	99,499	6,134,514	61
129	42,153			2	192	2,843	402	656	1,775	10	115,999	114,641	1,358	207,114	62
182	48,571	1	200	3	500	16,958	250	1,683	15,025		237,227	230,330	6,897	399,874	63
289	75,026	2	425	2	260	3,888	326	2,290	1,272		302,827	300,195	2,632	633,013	64
222	53,743			8	595	4,115	170	872	3,073		306,945	305,829	1,116	447,205	65
25	4,667			1	200	3,553	161	188	3,204		35,122	33,912	1,210	59,477	66
925	360,903	84	25,939	72	21,468	126,337	26,659	7,493	62,985	29,200	950,835	926,465	24,370	2,235,692	67
503	141,283			10	1,766	16,596	301	6,626	9,644	25	515,120	513,526	1,594	940,430	68
37	7,376			4	565	2,940	400	573	1,967		87,256	86,550	706	134,829	69
11	1,634			1	150	360	98	158	104		24,844	24,321	523	36,141	70
556	189,970	3	945	8	1,106	30,094	349	5,312	23,433	1,000	651,203	649,386	1,817	1,056,239	71

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
72	Van Buren	28	$35,367	$4,746	$5,387	$17,462	$7,772	37	1	$75	30	$4,332
73	Washington	132	519,433	43,590	64,097	140,391	271,355	176	20	14,127	336	93,473
74	White	89	332,501	99,820	26,210	94,685	111,786	111	10	4,890	276	63,009
75	Woodruff	46	280,318	119,185	21,340	93,011	46,782	55	7	3,252	148	40,218
76	Yell	113	458,022	133,315	32,440	180,877	111,390	152	18	9,445	395	102,716

TABLE 7.—MANUFACTURES BY

1	All industries	4,794	$35,960,640	$8,164,629	$3,681,258	$12,444,494	$11,670,259	5,751	1,649	$1,251,096	26,501	$8,686,291
2	Bicycle and tricycle repairing	12	9,865	350	1,050	4,315	4,150	17			10	3,850
3	Blacksmithing and wheelwrighting	533	300,144	42,445	49,164	81,354	127,181	654	3	1,344	266	88,379
4	Bluing	4	10,025	3,500	4,000	680	1,845	5			10	3,650
5	Boots and shoes, custom work and repairing.	80	19,960	2,365	1,835	7,037	8,723	81	1	200	31	13,021
6	Bread and other bakery products	23	73,822	16,800	19,250	19,365	18,407	25	4	2,000	61	24,108
7	Brick and tile	55	310,295	77,585	98,280	65,069	69,361	66	23	17,721	402	100,252
8	Brooms and brushes	15	12,265	1,365	2,275	1,975	6,650	18			34	11,881
9	Carpentering	59	81,684	13,245	20,825	10,900	36,714	66			169	72,562
10	Carriage and wagon materials	14	239,508	5,415	19,663	52,385	162,045	16	25	13,661	214	62,614
11	Carriages and wagons	40	176,820	17,827	29,957	35,518	93,518	58	5	2,300	150	54,718
12	Cars and general shop construction and repairs by steam railroad companies.	21	720,907	50,950	114,780	209,697	345,480		103	97,935	1,927	1,203,761
13	Cheese, butter, and condensed milk, factory product.	8	26,503	885	6,229	16,021	3,368	5	3	1,446	5	1,734
14	Clothing, men's, custom work and repairing.	64	115,509	10,270	9,050	11,786	84,403	71	13	12,095	201	111,651
15	Clothing, women's, dressmaking	16	25,310	1,500	2,600	11,940	9,270	20	3	2,300	36	13,680
16	Confectionery	5	97,350	5,000	15,000	14,800	62,550	5	18	9,690	68	17,598
17	Cooperage	10	150,985	1,850	8,374	18,563	122,198	11	8	4,646	126	35,428
18	Cotton, compressing	6	284,457	35,025	77,348	159,000	13,084		18	16,450	153	47,361
19	Cotton, ginning[1]	1,150	1,838,698	47,423	364,284	1,374,618	52,373	1,386	104	8,424	1,103	146,041
20	Druggists' preparations, not including prescriptions.	4	8,020			2,520	5,500	4			9	1,989
21	Dyeing and cleaning	11	7,290	1,500	250	2,775	2,765	11			11	4,140
22	Fancy articles, not elsewhere specified	3	3,360	600	1,700	255	805	2	1	365	2	310
23	Flouring and grist mill products	410	1,183,052	75,663	249,321	620,408	237,660	506	36	21,526	443	116,445
24	Foundry and machine shop products	36	432,163	53,465	59,264	135,811	183,623	34	27	24,672	275	131,669
25	Fruits and vegetables, canning and preserving.	34	33,038	2,580	13,123	7,835	9,500	44	2	350	136	21,942
26	Furniture, cabinetmaking, repairing, and upholstering.	25	29,502	275	750	8,545	19,932	31	2	800	36	14,266
27	Furniture, factory product	8	150,327	5,350	31,154	59,701	54,122	9	4	3,300	206	64,873
28	Gas, illuminating and heating	7	829,285	62,000	62,575	474,462	230,248		23	16,469	34	21,589
29	Ice, manufactured	15	568,657	57,500	63,950	371,834	75,373	8	21	21,700	149	55,910
30	Leather, tanned, curried, and finished	3	2,190	80	425	1,060	625	3			3	750
31	Lime and cement	5	53,984	11,598	10,865	9,396	22,125	4	6	3,075	78	15,600
32	Liquors, distilled	18	48,738	1,370	8,500	12,225	26,643	23	1	150	23	6,378
33	Lock and gun smithing	15	7,740	200	450	5,210	1,880	16			9	3,785
34	Lumber and timber products	1,199	21,727,710	7,060,807	1,333,833	5,993,439	7,339,631	1,565	769	609,805	15,895	4,730,413
35	Lumber, planing mill products, including sash, doors, and blinds.	50	1,213,011	88,910	108,186	288,213	727,702	57	89	66,969	1,082	345,806
36	Marble and stone work	11	67,685	18,900	5,150	16,110	27,525	12	22	6,720	104	52,600
37	Masonry, brick and stone	3	2,677			620	2,057	3	1	600	27	7,985
38	Mattresses and spring beds	6	15,246			3,799	11,447	6	2	2,250	41	16,920
39	Millinery, custom work	116	137,657	9,550	14,250	8,937	104,920	138	20	11,730	201	58,082
40	Mineral and soda waters	26	106,854	5,435	9,385	43,772	48,262	30	18	20,030	53	16,384
41	Monuments and tombstones	29	28,107	2,365	1,645	2,635	21,462	35	2	1,400	37	16,243
42	Oil, cottonseed and cake	20	2,484,794	207,353	642,473	1,272,061	362,907	1	94	116,364	667	232,856
43	Painting, house, sign, etc	21	55,670	6,650	5,150	5,920	37,950	26	11	5,765	102	48,376
44	Patent medicines and compounds	7	69,560		10	1,575	67,975	5	5	4,325	24	10,435
45	Paving and paving materials	4	17,305	8,000	705	5,800	2,800	6	5	2,420	67	19,914
46	Photography	53	53,521	7,740	9,841	23,625	12,315	55	2	700	27	11,929
47	Plumbing, and gas and steam fitting	22	128,399	4,200	5,000	11,750	107,449	27	16	12,120	148	71,773
48	Pottery, terra cotta, and fire-clay products.	10	78,024	6,483	22,588	28,958	19,995	10	4	4,920	92	27,000
49	Printing and publishing, book and job	13	128,865			101,525	27,340	13	14	12,332	104	49,356
50	Printing and publishing, newspapers and periodicals.	217	648,883	13,510	29,343	395,693	210,337	248	59	44,905	600	215,410
51	Roofing and roofing materials	4	8,600	2,000	2,000	1,000	3,600	5			12	7,650
52	Saddlery and harness	66	173,432	21,410	28,735	19,270	104,017	79	5	2,770	85	40,313
53	Sewing machine repairing	6	1,725			585	1,140	8	1	1,000	4	2,200
54	Tinsmithing, coppersmithing, and sheet-iron working.	45	123,180	34,295	24,975	23,775	40,135	59	3	2,140	99	44,931
55	Tobacco, cigars and cigarettes	19	20,241	3,315	2,920	1,480	12,526	20	1	600	37	15,648
56	Watch, clock, and jewelry repairing	76	87,276	7,020	8,035	24,198	48,023	84			40	26,376
57	Wood, turned and carved	5	27,144	500	4,453	12,951	9,240	2	3	3,200	61	20,572
58	Woolen goods	13	43,525	2,855	6,000	17,800	16,870	18	3	903	27	5,158
59	All other industries[2]	44	660,096	47,350	70,290	331,943	210,513	40	46	34,509	485	120,026

[1] Does not include many ginneries operated in connection with saw, grist, and cottonseed-oil mills or for the use exclusively of plantations on which they are located. For the full number of ginneries in operation reference should be made to the special report on cotton ginning.

[2] Embraces awnings, tents, and sails, 2; boxes, wooden packing, 2; bridges, 1; buttons, 1; carpets, rag, 1; chir[illegible] factory product, 2; coffins, burial cases, and undertakers' goods, 2; cordage and twine, 1; cordials and sirups, 1;

BY COUNTIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
30	$4,332					$719	$77	$256	$386		$23,157	$22,550	$607	$46,190	72
287	85,272	31	$6,154	18	$2,047	27,308	3,676	3,090	19,156	$1,386	632,019	616,158	15,861	952,781	73
253	60,198	6	939	17	1,872	11,520	724	2,946	6,405	1,445	195,732	193,327	2,405	395,021	74
144	39,168	2	700	2	350	7,007	3,925	1,305	1,602	175	94,230	92,472	1,758	214,669	75
390	102,081	1	234	4	401	8,744	758	2,402	5,566	18	279,713	275,370	4,343	546,561	76

SPECIFIED INDUSTRIES: 1900.

25,158	$8,424,011	700	$159,820	643	$102,460	$1,482,779	$189,293	$222,922	$1,002,164	$68,400	$23,963,768	$23,579,328	$384,440	$45,197,731	1
8	3,650			2	200	2,574	1,335	71	1,168		10,572	10,383	189	28,401	2
253	85,728			13	2,651	23,696	13,275	2,545	6,588	1,288	167,665	150,424	17,241	603,463	3
8	3,190			2	460	1,051	404	100	547		1,913	1,875	38	10,900	4
30	12,671			1	350	7,684	6,280	258	996	150	28,313	27,840	473	86,205	5
54	21,988	1	360	6	1,760	6,811	3,372	623	2,816		64,710	62,497	2,213	129,911	6
382	97,582			20	2,670	7,392	232	1,356	5,804		51,724	14,333	37,391	277,207	7
28	10,268	2	800	4	813	989	362	98	529		9,929	9,689	240	42,390	8
162	70,162			7	2,400	25,355	2,410	639	2,096	20,210	140,868	140,500	368	348,027	9
210	62,080			4	534	9,639	1,250	1,030	7,359		216,644	215,094	1,550	357,626	10
150	54,718					8,121	1,904	1,334	4,611	272	103,666	100,193	3,473	223,790	11
1,927	1,203,761					27,124		5,504	21,620		765,003	744,524	20,479	2,095,447	12
5	1,734					374		167	187	20	24,538	23,988	550	32,717	13
166	100,996	32	10,237	3	418	26,502	15,810	864	9,748	80	134,927	133,316	1,611	380,691	14
7	3,000	28	10,555	1	125	4,964	2,216	170	2,578		17,679	17,550	129	61,165	15
29	13,190	39	4,408			9,213	3,120	198	5,895		84,674	82,564	2,110	135,980	16
125	35,356			1	72	12,060	349	1,156	9,205	1,350	157,966	157,851	115	238,892	17
150	46,889	2	375	1	97	25,264	350	2,370	22,544		8,442	3,132	5,310	132,128	18
1,100	145,932			3	109	43,740	10,152	13,796	19,707	85	342,125	284,699	57,426	1,261,097	19
8	1,953			1	36	2,152	436	68	1,648		6,137	6,115	22	14,830	20
9	3,420	2	720			2,286	1,738	50	498		3,543	3,273	270	19,855	21
2	310					81		33	8	40	267	207	60	2,010	22
440	116,253			3	192	44,681	2,207	8,929	31,006	2,539	3,029,236	2,981,121	48,115	3,708,709	23
272	130,449			3	1,220	26,567	5,345	2,830	18,192	200	154,875	138,490	16,385	447,514	24
50	10,079	72	10,495	14	1,368	952	35	213	704		50,954	46,648	4,306	100,503	25
34	14,006			2	260	4,618	3,526	126	966		37,491	36,240	1,251	72,625	26
184	58,314	15	5,155	7	1,404	3,095	500	680	1,915		84,640	83,100	1,540	232,872	27
34	21,589					24,458		4,356	20,102		38,228	37,070	1,158	138,921	28
149	55,910					27,952	696	3,832	23,424		46,279	16,264	30,015	214,919	29
3	750					37	10	13	14		3,590	3,490	100	5,859	30
78	15,600					6,409	100	223	1,486	4,600	29,497	21,347	8,150	70,900	31
23	6,378					48,764		309	48,455		18,591	16,496	2,095	95,487	32
7	3,212	1	288	1	285	1,726	1,264	43	419		3,883	3,629	254	18,608	33
15,670	4,691,024	9	1,485	216	37,904	522,653	12,401	130,828	369,252	10,172	13,068,267	13,067,968	299	23,959,983	34
1,030	337,644	5	1,120	47	7,042	60,778	9,183	5,940	42,671	2,984	1,459,636	1,457,286	2,350	2,266,522	35
99	50,740			5	1,860	5,600	704	861	3,535	500	49,458	48,477	981	141,745	36
27	7,985					10,301	60	1	240	10,000	57,510	57,500	10	84,050	37
29	12,740	10	3,680	2	500	7,682	2,388	99	5,195		28,780	28,357	423	71,246	38
3	530	194	56,167	4	1,385	19,959	14,353	1,180	4,396	30	196,432	195,642	790	388,275	39
49	15,934	2	300	2	150	21,209	3,158	581	17,470		75,422	74,257	1,165	215,188	40
37	16,243					2,282	1,363	170	480	269	47,717	47,549	168	99,782	41
667	232,856					160,896		15,866	143,321	1,709	1,995,771	1,923,464	72,307	3,188,812	42
99	47,636			3	740	5,824	3,528	498	1,798		40,347	40,097	250	136,851	43
17	9,285	6	1,000	1	150	10,085	1,365	1,350	7,370		28,200	28,143	57	92,045	44
60	18,514			7	1,400	1,057	300	147	610		1,765	810	955	39,140	45
21	10,852	6	1,077			6,989	4,221	415	2,353		23,529	22,880	649	85,139	46
146	71,098			2	675	9,929	5,752	416	2,761	1,000	133,624	132,881	743	287,487	47
92	27,000					1,242	180	174	888		11,863	2,586	9,277	59,692	48
84	46,438	14	1,980	6	938	10,758	5,344	484	4,610	320	65,315	63,182	2,133	174,020	49
384	179,932	69	17,855	147	17,623	79,261	19,725	3,974	49,202	6,360	171,979	163,452	8,527	839,787	50
12	7,650					536	145	48	443		10,275	10,240	35	23,695	51
84	39,988			1	325	12,685	7,788	1,593	3,179	125	112,773	112,114	659	234,574	52
4	2,200					923	630	29	264		2,298	2,195	103	9,150	53
97	44,547			2	384	9,754	4,872	834	2,540	1,508	90,017	88,943	1,074	187,329	54
28	13,535	1	400	8	1,713	10,486	1,213	437	8,826	10	26,565	26,379	186	67,400	55
85	24,401	1	650	4	1,325	10,952	6,828	561	3,533	30	34,130	33,201	929	135,245	56
61	20,572					771	393	79	299		32,346	32,296	50	68,400	57
14	3,264	11	1,651	2	243	398		308	90		28,598	27,094	1,504	42,401	58
222	80,285	178	29,062	85	10,679	63,338	4,721	2,065	54,003	2,549	332,582	318,393	14,189	710,124	59

repairs, 1; engraving and diesinking, 1; hand stamps, 2; hardware, 1; hones and whetstones, 1; ironwork, architectural and ornamental, 1; jewelry, 1; liquors, malt, 1; looking-glass and picture frames, 1; optical goods, 1; paper hanging, 1; plastering and stuccowork, 1; saws, 1; ship and boat building, wooden, 1; slaughtering and meat packing, wholesale, 1; slaughtering, wholesale, not including meat packing, 1; smelting and refining, not from the ore, 1; soap and candles, 2; sugar and molasses, refining, 2; trunks and valises, 1; upholstering materials, 2; vinegar and cider, 1; windmills, 1

TABLE 8.—MANUFACTURES IN LITTLE ROCK

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	All industries	171	$3,434,393	$318,962	$467,877	$1,407,104	$1,240,450	174	292	$249,943	2,751	$1,384,722
2	Blacksmithing and wheelwrighting	18	16,135	1,000	2,000	7,660	5,475	23	3	1,344	34	14,470
3	Boots and shoes, custom work and repairing.	18	3,501			1,176	2,325	18			10	4,120
4	Carriages and wagons	6	83,350	5,750	16,500	13,950	47,150	8	3	2,100	50	22,241
5	Clothing, men's, custom work and repairing.	14	24,870			2,960	21,910	16	2	1,320	63	33,344
6	Confectionery	4	30,550			5,800	24,750	5	12	6,690	59	14,514
7	Dyeing and cleaning	3	4,945	1,500	250	2,100	1,095	3			6	2,480
8	Foundry and machine shop products	4	180,165	20,000	28,000	48,192	83,973		20	17,836	126	57,500
9	Ice, manufactured	3	215,713	14,500	34,500	153,534	13,179	2	5	5,400	65	19,400
10	Lock and gun smithing	4	1,240			960	280	4			4	1,248
11	Lumber, planing mill products, including sash, doors, and blinds.	5	266,910	9,800	24,650	64,000	168,460	7	21	18,600	215	85,644
12	Millinery, custom work	4	19,100			1,100	18,000	6	3	2,700	34	12,400
13	Mineral and soda waters	4	9,550	1,400	600	6,750	800	4	1	720	7	2,927
14	Oil, cottonseed and cake	3	772,295	127,992	198,018	378,097	68,188		29	32,581	172	54,073
15	Painting, house, sign, etc	6	13,075			1,425	11,650	9	3	1,780	30	13,826
16	Photography	5	7,850			6,100	1,750	6			10	4,666
17	Plumbing, and gas and steam fitting	4	60,293			3,100	57,193	4	8	8,640	71	40,158
18	Printing and publishing, book and job	5	80,510			59,500	21,010	6	11	10,332	59	35,810
19	Printing and publishing, newspapers and periodicals.	10	220,400	1,600	1,000	123,800	94,000	8	36	31,720	108	70,350
20	Saddlery and harness	5	4,400			1,550	2,850	5	1	720	8	2,848
21	Tinsmithing, coppersmithing, and sheet-iron working.	6	59,700	25,000	15,000	8,125	11,575	8	1	1,500	28	13,364
22	Watch, clock, and jewelry repairing	5	23,000	3,000	2,000	3,350	14,650	5			11	9,480
23	All other industries[1]	35	1,336,841	107,420	145,359	513,875	570,187	27	134	105,960	1,581	869,859

[1] Embraces awnings, tents, and sails, 1; bicycle and tricycle repairing, 2; brick and tile, 2; carpentering, 2; carpets, rag, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by steam railroad companies, 2; cordage and twine, 1; cotton, compressing, 1; druggists' preparations, not including prescriptions, 1; furniture, cabinetmaking, repairing, and upholstering, 1; furniture, factory product, 1; gas, illuminating and heating, 1; hand stamps, 1;

TABLE 9.—MANUFACTURES IN CITIES

1	Total for cities	359	$4,247,655	$883,592	$687,934	$1,420,482	$1,255,647	367	216	$197,923	2,540	$1,056,889
2	Fort Smith	194	1,131,924	121,582	237,360	402,452	370,530	206	74	72,894	1,012	394,363
3	Helena	43	563,146	33,990	112,074	278,133	138,949	43	28	29,667	272	108,702
4	Pine Bluff	91	2,470,025	716,320	321,850	709,096	722,759	87	106	89,748	1,111	488,546
5	Van Buren	31	82,560	11,700	16,650	30,801	23,409	31	8	5,614	145	65,278

BY SPECIFIED INDUSTRIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
2,512	$1,339,015	191	$40,915	48	$4,792	$295,156	$47,166	$19,358	$221,268	$7,364	$1,990,081	$1,902,129	$87,952	$4,723,118	1
34	14,470					3,484	2,625	150	709		17,038	16,026	1,012	51,204	2
10	4,120					2,358	1,968	25	360		6,128	6,088	40	21,889	3
50	22,241					3,536	856	580	2,100		36,419	35,014	1,405	78,995	4
44	27,954	17	5,302	2	88	8,560	4,300	203	4,057		36,293	35,893	400	103,777	5
22	10,490	37	4,024			6,618	3,120	148	3,350		63,824	62,014	1,810	103,980	6
4	1,760	2	720			900	660	50	190		785	650	135	8,270	7
126	57,500					13,617	3,400	1,261	8,956		63,540	57,530	6,010	180,442	8
65	19,400					19,575	660	1,387	17,528		12,712	3,410	9,302	73,234	9
3	960	1	288			605	352	15	238		650	600	50	5,625	10
214	85,344	1	300			21,284	2,886	948	14,950	2,500	281,470	280,470	1,000	490,700	11
		34	12,400			3,300	1,790	250	1,260		30,300	30,300		62,880	12
7	2,927					661	361	61	239		7,093	6,963	130	19,180	13
172	54,073					40,760		4,446	36,314		428,161	409,262	18,899	753,145	14
29	13,646			1	180	2,184	1,083	137	964		12,410	12,290	120	41,951	15
9	4,339	1	327			1,962	1,320	54	588		4,524	4,393	131	19,450	16
71	40,158					3,286	1,920	129	1,237		72,830	72,500	330	142,984	17
51	34,630	5	580	3	600	6,945	3,520	325	2,780	320	47,230	45,585	1,645	129,000	18
90	63,490	17	6,710	1	150	44,687	5,040	920	34,467	4,260	40,940	37,872	3,068	286,346	19
8	2,848					2,240	1,620	73	547		4,385	4,325	60	12,934	20
28	13,364					2,189	1,164	240	785		31,312	30,996	316	62,299	21
11	9,480					1,317	884	128	305		12,459	12,145	314	35,898	22
1,464	855,821	76	10,264	41	3,774	105,093	7,637	7,828	89,344	284	779,578	737,803	41,775	2,038,935	23

ironwork, architectural and ornamental, 1; jewelry, 1; liquors, malt, 1; lumber and timber products, 2; marble and stone work, 1; mattresses and spring beds, 1; monuments and tombstones, 1; paper hanging, 1; roofing and roofing materials, 1; saws, 1; sewing machine repairing, 2; slaughtering and meat packing, wholesale, 1; tobacco, cigars and cigarettes, 1; trunks and valises, 1; upholstering materials, 1.

UNDER 20,000 IN POPULATION: 1900.

2,309	$987,600	144	$44,733	87	$24,556	$273,292	$45,567	$20,529	$176,328	$30,868	$2,257,378	$2,193,798	$63,580	$4,933,329	1
861	347,856	83	25,589	68	20,918	123,891	25,849	7,045	61,797	29,200	890,191	868,154	22,037	2,119,062	2
250	99,333	18	8,630	4	739	44,893	5,535	4,841	33,259	1,258	437,047	421,980	15,067	821,011	3
1,067	478,404	38	8,954	6	1,188	97,445	11,091	8,153	77,791	410	873,921	850,484	23,437	1,815,677	4
131	62,007	5	1,560	9	1,711	7,063	3,092	490	3,481		56,219	53,180	3,039	177,579	5

CALIFORNIA.

Table 1 shows the manufacturing and mechanical industries of the state of California as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	12,582	7,923	5,885	3,984	8,468	1,003	58.8	34.6	47.7	[1] 53.0	744.3
Capital	$205,395,025	$146,797,102	$61,243,784	$39,728,202	$22,043,096	$1,006,197	39.9	139.7	54.2	80.2	2,090.7
Salaried officials, clerks, etc., number	7,884	[2] 10,946	(3)	(3)	(3)	(3)	[1] 28.0	-------	-------	-------	-------
Salaries	$8,360,829	[2] $10,365,862	(3)	(3)	(3)	(3)	[1] 19.3	-------	-------	-------	-------
Wage-earners, average number	91,047	72,696	43,693	25,392	49,226	3,964	25.2	66.4	72.1	[1] 48.4	1,141.8
Total wages	$47,425,947	$41,172,918	$21,065,905	$13,136,722	$28,402,287	$3,717,180	15.2	95.4	60.4	[1] 53.7	664.1
Men, 16 years and over	71,648	59,065	38,311	24,040	49,171	(3)	21.3	54.2	59.4	[1] 51.1	-------
Wages	$42,229,366	$37,588,772	(3)	(3)	(3)	(3)	12.3	-------	-------	-------	-------
Women, 16 years and over	17,285	11,774	3,922	873	55	-------	46.8	200.2	349.3	1,487.3	-------
Wages	$4,814,498	$3,289,042	(3)	(3)	(3)	-------	46.4	-------	-------	-------	-------
Children, under 16 years	2,114	1,857	1,460	479	(3)	(3)	13.8	27.2	204.8	-------	-------
Wages	$382,083	$295,104	(3)	(3)	(3)	(3)	29.5	-------	-------	-------	-------
Miscellaneous expenses	$16,190,282	$12,984,191	(4)	(4)	(4)	(4)	24.7	-------	-------	-------	-------
Cost of materials used	$188,125,602	$120,243,683	$72,607,709	$35,351,193	$27,051,674	$1,201,154	56.5	65.6	105.4	30.7	2,152.1
Value of products, including custom work and repairing	$302,874,761	$213,403,996	$116,218,973	$66,594,556	$68,253,228	$12,862,522	41.9	83.6	74.5	[1] 2.4	430.6
Total population	[5] 1,482,179	1,208,130	864,694	560,247	379,994	92,597	22.7	39.7	54.3	47.4	310.4
Wage-earners engaged in manufactures	91,047	72,696	43,693	25,392	49,226	3,964	25.2	66.4	72.1	[1] 48.4	1,141.8
Per cent of total population	6.1	6.0	5.1	4.5	13.0	4.3	-------	-------	-------	-------	-------
Assessed value of real estate	[6] $942,353,309	$891,449,172	$466,273,585	$176,527,160	$66,906,631	$16,347,442	5.7	91.2	164.1	163.8	309.3
Value of land and buildings invested in manufactures [7]	$57,297,801	$37,250,821	(3)	(3)	(3)	(3)	53.8	-------	-------	-------	-------
Per cent of assessed value	6.1	4.2	-------	-------	-------	-------	-------	-------	-------	-------	-------

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[3] Not reported separately.
[4] Not reported.
[5] Exclusive of 2,874 Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[6] As given in the Biennial Report of the Controller of the State of California, for the year 1900, page 148.
[7] Does not include value of rented property.

Although California is an agricultural and a mining state, Table 1 shows that there has been a steady growth in its manufacturing and mechanical industries during the half century. The population during these years increased from 92,597 to 1,482,179, or 1,500.7 per cent, while the average number of wage-earners employed in manufacturing establishments increased from 3,964 to 91,047, or 2,196.8 per cent, embracing, in 1900, 6.1 per cent of the entire population, compared with 4.3 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 140,330, or 9.5 per cent of the total population of the state. The greatest percentage of increase in the value of the products, 430.6 per cent, is shown for the decade ending with 1860, while the greatest absolute increase occurred during the ten years from 1880 to 1890. The decrease in number of establishments, number of wage-earners, total wages paid, and value of products for the decade ending in 1870, is explained by the inclusion in 1860 of gold mining as a manufacturing industry, and its omission in 1870.

Four important conditions have limited the growth of manufactures in California, and have determined, in a large measure, the particular lines established. These are the geographical position of the state, the high rate of wages, the high price of fuel, and the exceptional attractions offered by mining and agriculture. California is removed from the great centers of the United States and from the important markets of the world by vast stretches of land and water. Railroad connection with the East was not made until 1869, and the cost of transportation is still practically prohibitive for certain commodities. The excellent harbor, San Francisco Bay, is connected by both rail and water with the large, fertile valleys of the interior. The isolation of the state has proved both an advantage and a disadvantage to the development of its manufactures. It has afforded a natural protection from outside competition, and has insured a steady, although somewhat restricted, home demand for certain products of the local factories; but it has, at the same time, added to the cost of such raw materials as must be brought from outside the state, and especially to the cost of iron and fuel.

Coal is found in the state, but it is poor in quality. A large part of the coal consumed is imported. At San Francisco, in June, 1900, first-class steam coal cost from $7.25 to $8.25 per long ton, delivered, according to the

location of the factory and the quantity required. It has recently been discovered that California possesses abundant stores of petroleum, and many wells have been sunk, especially in the southern part of the state. The importance of this discovery to the manufacturers of California can scarcely be exaggerated, since it practically solves the problem of fuel. Its influence is only slightly shown by the returns of the Twelfth Census, for the exploitation of the oil fields was but just beginning during the census year. A part of the increase in the manufactures of Los Angeles, shown in Table 4, may be attributed to this cause.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for governmental establishments, educational, eleemosynary, and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	14,166	$212,640,144	15,884	93,356	$48,709,123	$16,288,274	$189,062,091	$52,073,991	$128,220,280	$8,767,820	$305,519,043
Hand trades[1]	6,067	9,501,764	6,836	13,406	7,449,220	2,700,767	12,795,824	34,281	12,415,826	345,717	31,476,428
Governmental establishments	2	5,349,040	-------	1,177	1,111,726	-------	537,611	-------	497,305	40,306	1,742,479
Educational, eleemosynary, and penal institutions	8	1,369,035	1	870	149,940	13,004	263,130	85,957	147,232	29,941	462,489
Establishments with a product of less than $500	1,574	527,044	1,659	262	21,510	84,988	135,748	9,381	126,367	-------	439,314
All other establishments	6,515	195,893,261	7,388	77,641	39,976,727	13,489,515	175,329,778	51,944,372	115,033,550	8,351,856	271,398,333

[1] Includes bicycle and tricycle repairing, 234; blacksmithing and wheelwrighting, 1,349; boots and shoes, custom work and repairing, 797; carpentering, 511; clothing, men's, custom work and repairing, 688; clothing, women's, dressmaking, 365; dyeing and cleaning, 71; furniture, cabinetmaking, repairing, and upholstering, 217; lock and gun smithing, 116; masonry, brick and stone, 51; millinery, custom work, 306; painting, house, sign, etc., 439; paper hanging, 27; plastering and stuccowork, 40; plumbing, and gas and steam fitting, 414; sewing machine repairing, 6; taxidermy, 6; typewriter repairing, 6; watch, clock, and jewelry repairing, 424.

Of the 14,166 establishments of all classes shown in this table, 7,641, or 53.9 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $31,915,742, or only 10.4 per cent of the total products of the state.

In addition to the 14,166 active establishments in the state during the census year, with a capital of $212,640,144, shown in Table 2, there were 76 idle establishments, with a capital of $2,226,897, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Brick and tile	5	$93,105	Lumber and timber products	20	$336,530
Confectionery	1	24,000	Lumber, planing mill products, including sash, doors, and blinds	3	29,000
Copper, smelting and refining	1	84,020	Paper and wood pulp	2	452,000
Flouring and grist mill products	2	24,360	Paving and paving materials	1	30,000
Foundry and machine shop products	2	12,250	Pottery, terra cotta, and fire-clay products	2	16,000
Fruits and vegetables, canning and preserving	4	35,625	Salt	2	45,000
Iron and steel	1	15,000	Sugar and molasses, beet	1	816,800
Lime and cement	1	103,000	All other industries	18	82,931
Liquors, distilled	1	13,500			
Liquors, vinous	9	63,776			

TABLE 3.—COMPARATIVE SUMMARY OF FOURTEEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Total for selected industries for state	1900	2,184	$92,043,252	37,068	$19,453,694	$7,004,897	$87,032,562	$131,246,019
	1890	1,540	64,553,671	27,536	14,660,682	5,588,468	67,885,818	102,373,233
Increase, 1890 to 1900	-------	644	27,489,581	9,532	4,793,012	1,416,429	19,146,744	28,872,786
Per cent of increase	-------	41.8	42.6	34.6	32.7	25.3	28.2	28.2
Per cent of total of all industries in state	1900	17.4	44.8	40.7	41.0	43.3	46.3	43.3
	1890	19.4	44.0	37.9	35.6	43.0	56.5	48.0
Cars and general shop construction and repairs by steam railroad companies.	1900	29	4,429,951	4,920	3,507,028	76,590	3,825,340	7,553,626
	1890	10	3,139,514	2,858	2,151,594	(1)	2,777,306	4,923,071
Cheese, butter, and condensed milk, factory product	1900	178	1,157,090	402	203,359	62,161	2,980,962	3,582,942
	1890	19	125,650	49	23,360	7,191	131,283	172,579
Clothing, men's, factory product	1900	96	1,060,934	2,410	758,264	241,655	2,309,326	3,869,891
	1890	121	724,697	1,277	511,459	57,144	1,407,404	2,568,921

[1] Not reported.

TABLE 3.—COMPARATIVE SUMMARY OF FOURTEEN LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Explosives	1900	7	$3,283,928	906	$602,765	$255,278	$2,669,634	$4,283,818
	1890	4	2,194,068	285	204,470	147,272	978,100	2,523,770
Flouring and grist mill products	1900	124	6,552,642	857	525,401	246,409	11,077,482	13,100,944
	1890	101	6,126,305	855	559,300	434,921	12,047,810	14,200,320
Foundry and machine shop products	1900	250	7,873,410	4,782	3,092,592	900,021	5,434,863	12,047,149
	1890	154	5,841,098	3,192	2,555,867	379,824	3,315,069	7,767,780
Fruits and vegetables, canning and preserving	1900	136	4,397,935	7,486	1,987,649	412,737	9,102,400	13,081,829
	1890	61	2,622,890	5,670	756,797	351,334	3,888,323	6,211,440
Leather, tanned, curried, and finished	1900	45	4,820,205	1,454	870,973	180,795	5,809,428	7,405,981
	1890	62	3,119,298	1,099	706,419	183,428	4,165,410	5,729,278
Liquors: Total	1900	294	12,918,511	1,496	984,205	2,397,896	3,994,707	9,261,600
	1890	201	9,360,507	1,477	795,175	1,208,851	2,073,617	5,596,800
Liquors, distilled	1900	8	76,600	20	5,932	5,675	191,364	238,267
	1890	8	106,053	42	12,464	122,834	53,498	229,701
Liquors, malt	1900	99	8,183,286	950	753,424	2,126,734	1,276,575	5,085,462
	1890	65	5,525,041	700	592,153	943,505	1,179,897	3,628,236
Liquors, vinous	1900	187	4,658,625	526	224,849	265,487	2,526,768	3,937,871
	1890	128	3,729,413	735	190,558	142,512	840,222	1,738,863
Lumber and timber products	1900	313	28,236,332	5,806	2,849,457	573,047	7,528,215	13,764,647
	1890	258	16,184,235	4,689	1,927,551	583,032	4,421,267	8,794,655
Lumber, planing mill products, including sash, doors, and blinds	1900	136	3,431,949	2,022	1,211,188	175,114	2,436,391	4,807,690
	1890	120	3,039,308	2,127	1,509,673	228,869	2,355,575	4,941,466
Printing and publishing, newspapers and periodicals	1900	512	4,440,602	2,683	1,804,619	637,302	1,420,243	6,858,192
	1890	376	4,345,600	2,799	2,133,967	1,118,276	1,426,629	6,500,445
Slaughtering: Total	1900	58	3,913,081	925	544,659	441,210	13,555,445	15,717,712
	1890	50	2,220,536	436	333,697	290,208	8,075,060	9,768,858
Slaughtering and meat packing, wholesale	1900	23	2,875,988	660	344,189	371,684	6,798,826	8,232,680
	1890	18	840,830	163	121,483	59,479	1,927,245	2,420,673
Slaughtering, wholesale, not including meat packing	1900	35	1,037,093	265	200,470	69,526	6,756,619	7,485,032
	1890	32	1,379,706	273	212,214	230,729	6,147,815	7,348,185
Sugar and molasses, refining	1900	6	5,526,682	919	511,535	404,682	14,888,126	15,909,998
	1890	3	5,509,965	723	491,353	598,118	20,822,965	22,673,850

The 14 leading industries of the state in 1900, as shown in Table 3, embraced 2,184 establishments, or 17.4 per cent of the total number in the state; used a capital of $92,043,252, or 44.8 per cent of the total; gave employment to 37,068 wage-earners, or 40.7 per cent of the total number; and paid $19,453,694, or 41 per cent of the total wages. The value of their products was $131,246,019, or 43.3 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

The value of the varied products of the soil of the state greatly exceeds the value of the products of its mines. It is not surprising, therefore, that 5 of the 14 leading manufactures are more or less dependent upon agriculture or horticulture. These are the factory manufacture of cheese, butter, and condensed milk, flour and grist milling, the canning and preserving of fruits and vegetables, the manufacture of malt and vinous liquors, and the slaughtering industry.

Table 3 shows that the refining of sugar and molasses is the most important industry in the state. The 6 establishments reported in 1900 gave employment to 919 wage-earners, or 1 per cent of the wage-earners employed in the state, and their products were valued at $15,909,998, or 5.3 per cent of the total value of the products of the state. In 1890 there were 3 establishments, 723 wage-earners, and products valued at $22,673,850. There was a decrease in the value of products, during the decade, of $6,763,852, or 29.8 per cent, but the number of wage-earners shows an increase. The prominence of the industry is due to the fact that San Francisco is the nearest port of entry for the raw sugar of the Hawaiian Islands. Much of the land of California is suitable for the culture of sugar beets, and the state ranked second in the United States in the manufacture of beet sugar in 1900. In that year 7 establishments were reported, with 909 wage-earners, and products valued at $3,499,996. The statistics of this industry are shown in Table 7.

There were 58 establishments engaged in slaughtering and meat packing in 1900, the industry second in rank, with 925 wage-earners, and products valued at $15,717,712. In 1890 there were 50 establishments, 436 wage-earners, and products valued at $9,768,858. The increase in the value of products during the decade was $5,948,854, or 60.9 per cent. Meat packers have only recently succeeded in overcoming climatic difficulties which necessitated an excessive use of salt. Considerable quantities of canned and pickled or salted beef, tallow, bacon, hams, and lard are exported.

There were 313 establishments engaged in the manufacture of lumber and timber products in 1900, the industry third in rank, with 5,806 wage-earners, and products

valued at $13,764,647. In 1890 there were 258 establishments, 4,689 wage-earners, and products valued at $8,794,655. The increase in the value of products during the decade was $4,969,992, or 56.5 per cent. The lumber industry in the state of California is confined mainly to that section of the state lying north of Fresno county and west of the Sierra Nevada Mountains, and centering in the counties of Humboldt and Mendocino in the redwood district, the point of greatest production being at Eureka, on Humboldt Bay. The product, for 1900, of the 66 mills of these two counties, the materials for which were drawn from the famous redwood forests of this section, was valued at $4,665,536. The characteristic products of these mills are redwood lumber and shingles. Allied to this industry is the manufacture of planing mill products, in which 136 establishments were reported in 1900, with 2,022 wage-earners, and products valued at $4,807,690. In 1890 there were 120 establishments, 2,127 wage-earners, and products valued at $4,941,466. The decrease in the value of products during the decade was $133,776, or 2.7 per cent.

There were 124 establishments engaged in the manufacture of flouring and grist mill products in 1900, with 857 wage-earners, and products valued at $13,100,944. In 1890 there were 101 establishments, 855 wage-earners, and products valued at $14,200,320. The decrease in the value of products during the decade was $1,099,376, or 7.7 per cent. In 1854 there was a large number of flour mills scattered about the state, with a total daily capacity estimated at 3,215 barrels.[1] California became a large producer of cereals in 1860. Since that year the mills have supplied practically all the flour for local consumption, and have furnished large quantities for export to China and other countries. The exports of flour reached the highest point in value in 1883, and in quantity in 1885, but as a result of the opening of grain fields in other parts of the world, and of the introduction of improved means of transportation, by which California has not benefited as extensively as have other grain-raising communities, they have since fallen nearly one-half in value and one-third in quantity.[2] Nevertheless, the decline during the decade in flouring and grist mill products, shown in Table 3, represents a decline in value and not in quantity, for the quantity has increased 20.2 per cent.

There were 136 establishments engaged in the canning and preserving of fruits and vegetables in 1900, with 7,486 wage-earners, and products valued at $13,081,829. In 1890 there were 61 establishments, 5,670 wage-earners, and products valued at $6,211,440. The increase in the value of products during the decade was $6,870,389, or 110.6 per cent. This industry was begun about 1875, in which year, it is estimated, 4,500,000 two-pound cans were packed,[3] since which time the advance has been rapid. Peaches, pears, plums, apricots, cherries, tomatoes, peas, and asparagus are the fruits and vegetables most extensively canned and preserved.

There were 250 establishments engaged in the manufacture of foundry and machine shop products in 1900, with 4,782 wage-earners, and products valued at $12,047,149. In 1890 there were 154 establishments, 3,192 wage-earners, and products valued at $7,767,780. The increase in the value of products during the decade was $4,279,369, or 55.1 per cent. The demand for mining tools and machinery is the foundation of this industry, which has grown to large proportions in spite of many difficulties. The first foundry in the state was established in 1849, the year after the discovery of gold,[4] and in 1860 San Francisco alone had 14 foundries and machine shops, with an output valued at $1,218,500. The cost of bringing bulky machinery and heavy tools from a distance has protected local manufacturers against outside competition; but this expense of transportation, applied to raw materials, has added greatly to the cost of manufacture. That these difficulties have been overcome is largely a triumph of mechanical skill. California foundry and machine shop products not only control the local markets in certain lines, but enter the markets of the world. These products consist principally of pumping and drilling machinery, stamp mills, hoisting apparatus, steam engines, and boilers.

The achievements of the battleship Oregon, built in this state, have directed attention to the iron and steel shipbuilding industry of California, but as there were but 2 establishments in this industry in 1900, it is not possible to give statistics without disclosing operations of individual establishments.

There were 294 establishments engaged in the manufacture of liquors in 1900, with 1,496 wage-earners, and products valued at $9,261,600. In 1890 there were 201 establishments, 1,477 wage-earners, and products valued at $5,596,800. The increase in the value of products during the decade was $3,664,800, or 65.5 per cent. In the manufacture of vinous liquors California leads all other states, as it led them in 1890, being the great grape-growing region of the United States. There were 187 establishments engaged in this branch of the industry in 1900, with 526 wage-earners, and products valued at $3,937,871. In 1890 there were 128 establishments, 735 wage-earners, and products valued at $1,738,863. The increase during the decade was $2,199,008, or 126.5 per cent. The brewers of malt liquors have the advantage of abundant supplies of grain and hops, and the market in the Orient for their products is growing.

There were 29 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 4,920 wage-earners, and products valued at $7,553,626. In 1890 there were 10 establishments, 2,858 wage-earners, and products valued at $4,923,071. The increase in the value of products during the decade was $2,630,555, or 53.4 per cent.

There were 45 establishments engaged in the tanning.

[1] The Journal of Political Economy, September, 1894, pages 524 and 530.

[2] Annual reports of the San Francisco Chamber of Commerce.

[3] The Commerce and Industries of the Pacific Coast, by J. S. Hittell, page 239.

[4] History of California, by H. H. Bancroft, Vol. VII, page 94.

currying, and finishing of leather in 1900, with 1,454 wage-earners, and products valued at $7,405,981. In 1890 there were 62 establishments, 1,099 wage-earners, and products valued at $5,729,278. The increase in the value of products during the decade was $1,676,703, or 29.3 per cent. Early in the Nineteenth century, when California was a Spanish colony, the principal exports were hides and tallow from the great herds of cattle which overran the hills and valleys of the coast ranges. There were small tanneries at some of the missions and at the Russian settlement at Fort Ross. It was not until 1861, however, that the leather industry became of importance. Since 1877[1] the demand for hides has outstripped the local supply, and additional supplies have been obtained from other states and from Central and South America. Most of the leather produced is sold within the United States, although leather and leather goods are exported in considerable quantities.

There were 512 establishments engaged in the printing and publishing of newspapers and periodicals in 1900, with 2,683 wage-earners, and products valued at $6,858,192. In 1890 there were 376 establishments, 2,799 wage-earners, and products valued at $6,500,445. The increase in the value of products during the decade was $357,747, or 5.5 per cent.

There were 7 establishments engaged in the manufacture of explosives in 1900, with 906 wage-earners, and products valued at $4,283,818. In 1890 there were 4 establishments, 285 wage-earners, and products valued at $2,523,770. The increase in the value of products during the decade was $1,760,048, or 69.7 per cent. The manufacture of gunpowder, especially for use in mining, began in 1863,[2] when the supplies which had previously been drawn from the East were cut off by the Government's demand for gunpowder for the war. It was not until after 1872[2] that the manufacture of high explosives began. Although the industry includes the manufacture of military and sporting ammunition, by far the larger part of the explosives produced in 1900 was for use in the mines.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Los Angeles, Oakland, Sacramento, and San Francisco, as returned at the censuses of 1890 and 1900, with the percentages of increase.

[1] The Commerce and Industries of the Pacific Coast, page 189. History of California, Vol. VII, page 91.

[2] History of California, Vol. VII, page 99.

TABLE 4.—COMPARATIVE SUMMARY, LOS ANGELES, OAKLAND, SACRAMENTO, AND SAN FRANCISCO, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
The State	1900	12,582	$205,395,025	91,047	$47,425,947	$16,190,282	$188,125,602	$302,874,761
	1890	7,923	146,797,102	72,696	41,172,918	12,984,191	120,243,683	213,403,996
Per cent of increase		58.8	39.9	25.2	15.2	24.7	56.5	41.9
Los Angeles	1900	1,415	11,742,838	8,044	3,992,733	1,513,393	10,572,660	21,297,537
	1890	750	6,811,488	3,872	2,347,094	680,897	5,014,034	9,893,835
Per cent of increase		88.7	72.4	107.7	70.1	122.3	110.9	115.3
Oakland	1900	752	6,364,651	4,012	2,129,598	620,459	4,277,647	9,174,257
	1890	342	6,629,468	3,918	2,568,934	438,010	4,687,699	9,112,778
Per cent of increase		119.9	[1] 4.0	2.4	[1] 17.1	41.7	[1] 8.7	0.7
Sacramento	1900	275	7,369,013	4,365	2,977,764	703,922	6,057,837	11,141,896
	1890	302	5,654,782	4,186	2,652,869	439,227	6,033,317	10,424,582
Per cent of increase		[1] 8.9	30.3	4.3	12.2	60.3	0.4	6.9
San Francisco	1900	4,002	80,103,367	41,978	22,037,527	8,826,167	79,492,952	133,069,416
	1890	4,059	74,834,301	41,764	24,591,116	8,322,483	78,656,470	135,625,754
Per cent of increase		[1] 1.4	7.0	0.5	[1] 10.4	6.1	1.1	[1] 1.9
Total for 4 cities	1900	6,444	105,579,869	58,399	31,137,622	11,663,941	100,401,096	174,683,106
	1890	5,453	93,930,039	53,740	32,160,013	9,880,617	94,391,520	165,056,949
Per cent of increase		18.2	12.4	8.7	[1] 3.2	18.0	6.4	5.8
Per cent of 4 cities to total for state	1900	51.2	51.4	64.1	65.7	72.0	53.4	57.7
	1890	68.8	64.0	73.9	78.1	76.1	78.5	77.3

[1] Decrease.

It appears from Table 4 that there has been an increase during the past decade in the combined manufactures of the 4 principal cities of the state. The number of establishments increased from 5,453 to 6,444, or 18.2 per cent; the average number of wage-earners from 53,740 to 58,399, or 8.7 per cent; and the value of products from $165,056,949 to $174,683,106, or 5.8 per cent. In each of these particulars, however, the increase is less than in the state as a whole. Los Angeles shows the most rapid growth, the value of products having increased from $9,893,835 in 1890 to $21,297,537 in 1900, or 115.3 per cent. In San Francisco, the leading manufacturing city of the state, the number of establishments decreased from 4,059 to 4,002, or 1.4 per cent, and the value of products from $135,625,754 to $133,069,416, or 1.9 per cent, while the average number of wage-earners increased from 41,764 to 41,978, or 0.5 per cent. The number of establishments, number of wage-earners, and value of products for this city constituted 31.8, 46.1, and 43.9 per cent, respectively, of the totals for the state.

Table 5 presents the totals for the manufacturing industries of the 16 cities and towns withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and towns, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	PRODUCTS.			POPULATION.		
				Average number.	Total wages.			Value.	Rank.	Per cent of total.	Total.	Rank.	Per cent of total.
Total for state	12,582	$205,395,025	14,224	91,047	$47,425,947	$16,190,282	$188,125,602	$302,874,761	-------	100.0	[1]1,482,179	-------	100.0
Total for urban manufactures	8,008	122,059,226	9,401	66,235	35,006,539	13,115,987	114,078,063	198,000,789	-------	65.4	647,834	-------	43.7
Fresno	159	1,648,138	192	1,009	513,064	136,761	1,903,800	3,238,217	7	1.1	12,470	5	0.8
Los Angeles	1,415	11,742,838	1,584	8,044	3,992,733	1,513,393	10,572,660	21,297,537	2	7.0	102,479	2	6.9
Napa	76	1,054,634	85	534	203,857	86,688	795,285	1,245,105	11	0.4	4,036	12	0.3
Oakland	752	6,364,651	830	4,012	2,129,598	620,459	4,277,647	9,174,257	4	3.0	66,960	3	4.5
Petaluma	86	712,003	92	366	155,332	59,014	516,814	971,670	12	0.3	3,871	13	0.3
Sacramento	275	7,369,013	316	4,365	2,977,764	703,922	6,057,837	11,141,896	3	3.7	29,282	4	2.0
San Diego	208	1,147,712	230	574	281,786	132,568	556,787	1,309,321	10	0.4	17,700	6	1.2
San Francisco	4,002	80,103,367	4,924	41,978	22,037,527	8,826,167	79,492,952	133,069,416	1	43.9	342,782	1	23.1
San Jose	349	3,534,136	387	1,802	853,048	351,131	2,447,365	4,584,072	6	1.5	21,500	5	1.5
Santa Clara	36	613,510	38	248	146,099	26,586	330,155	712,421	14	0.2	3,650	14	0.2
Santa Cruz	84	1,456,753	85	490	262,187	149,035	873,438	1,648,483	8	0.6	5,659	11	0.4
Santa Rosa	139	765,547	153	657	260,667	98,781	902,579	1,521,343	9	0.5	6,673	10	0.5
Stockton	291	4,810,253	335	1,649	944,734	332,047	4,515,356	6,659,916	5	2.2	17,506	7	1.2
Tulare	29	79,075	31	38	16,260	4,943	67,380	118,862	16	0.1	2,216	16	0.1
Vallejo	54	446,696	67	233	134,994	48,869	419,569	786,629	13	0.3	7,965	9	0.5
Visalia	43	210,900	52	236	96,889	25,623	348,439	571,644	15	0.2	3,085	15	0.2
Total for state exclusive of urban manufactures	4,574	83,335,799	4,823	24,812	12,419,408	3,074,295	74,047,539	104,873,972	-------	34.6	834,345	-------	56.3
Per cent of urban manufactures to total for state	63.6	59.4	66.1	72.7	73.8	81.0	60.6	65.4	-------	-------	43.7	-------	-------

[1] Exclusive of 2,874 Indians and other persons on Indian reservations, which classes were not included at previous censuses.

Of the 12,582 establishments in the state, 8,008, or 63.6 per cent, were located in these 16 cities and towns. They furnished employment to 66,235 wage-earners, or 72.7 per cent of the total number, and the value of their products, $198,000,789, formed 65.4 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Los Angeles, Oakland, Sacramento, San Francisco, and San Jose by specified industries.

Table 9 shows the totals for the cities and towns withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

[No manufactures reported

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	12,582	$205,395,025	$34,735,416	$22,562,385	$62,440,759	$85,656,465	14,224	7,884	$8,360,829	91,047	$47,425,947
2	Alameda	1,166	12,246,366	1,569,072	1,559,119	4,585,777	4,532,398	1,276	534	528,050	7,468	3,913,623
3	Amador	41	184,770	11,505	28,350	64,420	80,495	43	9	8,320	81	45,734
4	Butte	124	986,625	59,315	109,200	286,989	531,121	120	56	37,877	717	223,898
5	Calaveras	40	305,920	42,315	30,475	110,505	122,625	46	9	11,060	149	91,825
6	Colusa	49	204,745	8,135	26,969	67,265	102,376	45	8	6,420	90	70,510
7	Contra Costa	104	9,024,467	461,801	2,244,565	2,588,604	3,729,497	101	125	180,743	1,462	883,828
8	Del Norte	16	814,800	198,500	61,260	472,775	82,265	12	9	6,050	97	44,120
9	Eldorado	49	300,114	96,175	36,425	78,920	88,594	55	5	3,550	101	51,566
10	Fresno	231	6,317,279	1,775,318	592,261	1,640,526	2,309,174	264	169	193,091	1,948	960,887
11	Glenn	50	89,716	5,800	18,895	29,726	35,295	55	------	------	51	23,137
12	Humboldt	187	7,905,611	3,436,181	373,070	1,995,331	2,101,029	195	92	87,476	1,441	767,214
13	Inyo	19	363,878	56,418	65,321	64,219	177,920	19	9	9,233	72	38,925
14	Kern	96	665,990	68,860	132,630	206,291	258,209	104	24	21,600	437	277,608
15	Kings	52	295,777	24,764	44,783	89,944	136,286	54	14	13,100	272	121,906
16	Lake	50	121,902	12,670	13,025	52,050	44,157	60	------	------	88	23,612
17	Lassen	14	90,340	20,085	20,150	28,850	21,255	15	2	1,200	27	11,123
18	Los Angeles	1,762	13,671,902	1,353,390	1,570,244	4,074,547	6,673,721	1,961	1,018	898,778	9,365	4,489,223
19	Madera	38	810,028	77,700	153,775	289,131	289,422	40	15	15,925	281	203,530
20	Marin	80	690,924	120,235	120,600	179,000	271,089	90	18	19,600	353	175,248
21	Mariposa	12	79,140	21,475	7,700	38,500	11,465	13	2	1,320	16	6,604
22	Mendocino	96	6,093,099	3,495,316	261,455	1,631,378	704,950	96	53	67,340	1,338	608,951
23	Merced	61	229,504	15,520	55,154	64,998	93,832	65	8	4,925	75	37,239
24	Modoc	48	173,872	12,250	36,790	67,480	57,352	55	------	------	42	17,780
25	Mono	8	118,562	48,760	5,315	46,840	17,647	9	1	750	14	7,471
26	Monterey	59	3,498,575	189,174	863,050	2,357,176	89,175	59	13	22,660	387	240,376
27	Napa	158	1,496,219	84,515	310,985	395,135	705,584	177	40	27,835	629	249,628
28	Nevada	130	1,496,828	406,022	269,569	437,373	383,864	133	33	32,995	626	367,658
29	Orange	123	1,294,907	67,600	219,602	614,964	392,741	128	37	37,335	486	169,599
30	Placer	78	1,627,184	253,140	243,795	386,488	743,761	79	46	71,190	579	280,280
31	Plumas	36	222,910	39,765	21,725	92,035	69,385	42	2	2,100	84	48,667
32	Riverside	127	614,984	66,645	96,910	215,532	235,897	141	32	29,753	392	236,672
33	Sacramento	323	8,017,913	712,844	1,544,837	2,739,613	3,020,619	366	195	224,584	4,647	3,098,624
34	San Benito	58	247,279	34,695	31,341	71,985	109,258	57	9	5,770	67	35,147
35	San Bernardino	178	2,497,026	408,120	300,712	1,287,244	500,950	182	79	84,898	1,192	680,442
36	San Diego	271	1,515,108	326,100	199,185	561,171	428,652	294	66	55,222	666	330,669
37	San Francisco	4,002	80,103,367	8,468,392	5,820,445	24,824,345	40,990,185	4,924	4,041	4,619,033	41,978	22,037,527
38	San Joaquin	352	5,136,707	752,701	728,274	1,273,242	2,382,490	399	178	179,579	1,864	1,052,091
39	San Luis Obispo	131	422,748	43,225	92,408	194,368	92,747	137	16	10,074	188	76,758
40	San Mateo	52	1,947,050	149,441	364,541	256,250	1,176,818	52	37	59,393	559	334,287
41	Santa Barbara	120	6,115,329	3,952,593	314,300	1,281,241	567,195	126	45	36,272	419	212,774
42	Santa Clara	570	5,794,668	1,154,996	1,074,797	1,330,892	2,233,983	613	352	251,520	3,256	1,343,081
43	Santa Cruz	187	3,339,831	753,472	216,205	595,272	1,774,882	211	89	98,923	1,033	517,572
44	Shasta	83	1,302,426	82,035	302,574	214,134	703,683	97	24	21,497	533	400,776
45	Sierra	27	256,672	88,490	29,200	77,025	61,957	30	6	5,030	84	60,340
46	Siskiyou	83	2,407,465	908,178	215,892	577,788	705,607	92	43	49,790	581	349,477
47	Solano	131	2,812,040	202,566	443,785	435,313	1,730,376	125	53	50,516	863	504,138
48	Sonoma	363	4,433,752	770,283	404,796	697,581	2,561,092	389	101	112,264	1,720	654,842
49	Stanislaus	59	289,483	18,060	49,497	95,756	126,170	56	16	13,506	75	41,303
50	Sutter	22	185,550	57,750	40,525	32,535	54,740	20	12	18,000	233	80,355
51	Tehama	71	1,309,311	736,800	61,390	257,603	253,518	78	5	3,700	254	114,278
52	Trinity	18	43,188	4,208	5,625	13,938	19,417	21	2	600	32	8,475
53	Tulare	96	451,591	95,956	56,985	164,985	133,665	107	13	8,474	334	143,554
54	Tuolumne	62	1,514,057	774,145	116,650	373,350	249,912	67	15	14,347	357	190,078
55	Ventura	73	2,382,966	69,215	338,505	1,569,990	405,256	80	57	48,786	485	256,637
56	Yolo	90	273,667	24,995	67,490	96,808	84,374	96	11	10,809	123	56,062
57	Yuba	56	558,893	47,735	149,259	165,561	196,338	53	36	37,966	336	158,228

TABLE 7.—MANUFACTURES BY

1	All industries	12,582	$205,395,025	$34,735,416	$22,562,385	$62,440,759	$85,656,465	14,224	7,884	$8,360,829	91,047	$47,425,947
2	Agricultural implements	20	1,852,157	233,832	185,669	280,360	1,152,296	12	81	74,900	562	322,272
3	Ammunition	5	414,917	50,900	71,000	87,667	205,350	1	11	17,900	130	61,080
4	Artificial limbs	4	5,758	------	------	2,058	3,700	5	------	------	10	6,460
5	Awnings, tents, and sails	30	246,932	3,600	1,100	34,380	207,852	40	16	19,328	214	135,131
6	Babbitt metal and solder	4	175,675	------	------	24,575	151,100	4	8	11,250	34	22,774
7	Bags, other than paper	9	805,290	1,500	2,000	67,490	734,300	8	25	17,806	225	88,551
8	Baking and yeast powders	9	744,945	12,110	19,850	56,881	656,104	13	81	81,232	104	47,536
9	Baskets, and rattan and willow ware	17	113,905	15,600	9,000	21,115	68,190	14	8	6,625	154	45,910
10	Belting and hose, leather	6	183,106	37,500	16,709	30,307	98,590	7	12	10,816	40	25,856
11	Bicycle and tricycle repairing	234	283,327	17,145	18,480	87,413	160,289	264	5	2,624	255	120,529
12	Bicycles and tricycles	4	19,254	------	------	4,400	14,854	5	------	------	19	11,080
13	Billiard tables and materials	3	24,250	------	------	3,250	21,000	2	6	5,180	14	11,444
14	Blacksmithing and wheelwrighting	1,349	2,076,782	400,045	378,247	421,039	877,451	1,541	16	10,990	1,234	715,701
15	Bookbinding and blank book making	21	100,925	------	------	63,750	37,175	28	12	12,418	225	102,777
16	Boot and shoe uppers	4	3,900	------	------	700	3,200	6	2	331	6	2,765

BY COUNTIES: 1900.

from Alpine county.]

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
71,648	$42,229,366	17,285	$4,814,498	2,114	$382,083	$16,190,282	$3,300,563	$1,049,932	$9,876,976	$1,962,811	$188,125,602	$183,260,497	$4,865,105	$302,874,761	1
5,820	3,477,700	1,412	392,825	236	43,098	991,866	181,809	61,935	507,344	240,778	9,414,932	9,000,400	414,532	17,852,388	2
78	44,484	8	1,250			11,901	2,479	1,292	8,130		122,772	117,005	5,767	237,595	3
341	160,306	268	51,466	113	12,126	56,800	10,427	13,851	29,772	2,750	808,949	796,990	11,959	1,391,309	4
143	90,055	4	1,320	2	450	12,369	2,403	1,973	7,893	100	135,766	129,825	5,941	372,418	5
87	69,810	1	400	2	300	19,730	13,056	1,694	4,380	600	82,166	73,448	8,718	243,797	6
1,417	871,448	30	9,286	15	3,094	410,904	7,082	29,060	374,762		35,213,438	34,835,173	378,265	36,909,580	7
94	43,220	3	900			13,278	216	5,082	7,980		222,637	220,872	1,765	359,749	8
94	49,943	5	1,515	2	108	10,238	2,399	1,902	5,187	750	88,876	83,228	5,648	218,782	9
1,599	861,941	323	93,105	26	5,841	298,263	36,729	32,847	227,838	849	3,765,537	3,697,635	67,902	6,280,351	10
39	20,668	8	2,081	4	388	7,439	2,907	740	3,792		42,121	39,926	2,195	115,668	11
1,402	754,193	33	12,537	6	484	194,702	14,585	43,959	135,703	455	2,640,750	2,621,835	18,915	4,362,912	12
70	38,475	2	450			7,752	371	1,396	5,835	150	85,590	75,363	10,227	201,350	13
422	273,333	10	3,596	5	674	29,128	8,965	7,828	12,335		429,003	410,931	18,072	911,149	14
147	78,369	120	43,063	5	474	51,565	4,814	2,453	34,052	10,246	775,527	764,959	10,568	1,060,474	15
59	19,617	24	3,140	5	855	6,978	3,054	1,200	2,724		93,112	90,481	2,631	171,840	16
26	10,883			1	240	3,659	50	889	2,720		54,389	53,101	1,288	90,185	17
7,146	3,950,623	1,922	488,419	297	50,181	1,638,353	380,613	71,789	864,031	321,920	13,038,153	12,690,905	347,248	25,040,463	18
274	201,640	6	1,430	1	460	33,819	3,625	3,163	27,031		200,718	189,259	11,459	620,260	19
343	173,378	9	1,795	1	75	29,523	8,066	3,553	17,904		339,516	319,503	20,013	761,392	20
15	6,164	1	440			1,217	188	635	394		11,638	11,378	260	32,185	21
1,331	607,580	3	1,035	4	336	98,161	4,888	45,242	48,031		1,122,093	1,116,290	5,803	2,359,169	22
67	36,059	4	1,000	4	180	13,011	4,466	1,640	6,345	560	189,652	184,322	5,330	326,111	23
36	16,860	2	420	4	500	7,300	1,158	1,610	4,387	145	91,271	88,019	3,252	158,758	24
11	6,865	2	528	1	78	1,568	48	665	842	13	11,680	10,675	1,005	30,542	25
372	236,626	7	2,420	8	1,330	38,476	2,728	17,954	17,794		1,475,930	1,384,274	91,656	1,970,529	26
443	204,795	160	40,608	26	4,225	121,941	15,809	10,778	95,204	150	1,021,702	999,715	21,987	1,663,526	27
614	364,856	11	2,557	1	245	76,079	12,075	19,375	44,629		741,860	728,103	13,757	1,454,570	28
267	127,121	209	40,993	10	1,485	57,558	12,682	7,088	37,713	75	827,555	804,498	23,057	1,274,095	29
487	265,724	65	11,936	27	2,620	58,772	4,365	8,842	45,423	142	331,308	277,180	54,128	931,149	30
83	48,267	1	400			5,472	740	1,172	3,560		105,346	104,257	1,089	216,054	31
338	229,467	42	6,572	12	633	34,124	12,780	3,016	16,028	2,300	635,860	591,815	44,045	1,143,034	32
4,231	2,976,303	381	115,734	35	6,587	736,358	71,501	69,905	477,836	117,116	7,068,022	6,750,946	317,076	12,500,298	33
61	33,829	5	1,186	1	132	19,655	4,176	1,878	13,601		163,140	156,421	6,719	258,910	34
1,149	671,421	26	6,844	17	2,177	154,181	16,767	16,261	87,403	33,750	1,776,282	1,601,729	173,553	3,322,828	35
588	298,995	122	30,812	6	862	146,628	37,934	8,671	77,873	22,150	686,844	653,354	33,490	1,554,315	36
31,722	19,106,879	9,321	2,734,984	935	195,664	8,826,167	2,083,400	354,450	5,295,847	1,092,470	79,492,952	77,797,077	1,695,875	133,069,416	37
1,654	997,843	180	50,372	30	3,876	357,776	48,944	34,421	236,915	37,496	5,023,871	4,936,476	87,395	7,482,573	38
142	64,594	40	11,249	6	915	28,202	9,523	3,112	13,453	2,114	266,409	256,693	9,716	500,222	39
530	323,700	28	10,467	1	120	66,518	3,622	4,582	58,314		1,784,520	1,751,865	32,655	2,529,055	40
372	198,729	44	13,570	3	475	43,419	15,245	10,410	16,689	1,075	493,733	449,662	44,071	897,426	41
2,008	1,043,950	1,138	284,387	110	14,744	461,299	99,095	29,753	321,325	11,126	4,004,345	3,905,467	98,878	7,534,144	42
999	509,596	29	7,486	5	490	204,454	23,689	16,602	151,443	12,720	1,544,232	1,508,228	36,004	2,963,514	43
520	397,359	8	2,915	5	502	77,613	6,184	6,703	64,501	225	1,373,131	886,752	486,379	4,592,164	44
82	60,210			2	130	8,358	372	1,969	6,017		138,396	136,828	1,568	248,491	45
555	341,162	11	4,105	15	4,210	68,816	6,172	10,835	51,809		1,170,971	1,160,791	10,180	2,099,612	46
750	473,806	96	27,027	17	3,305	101,810	19,921	13,473	68,223	193	2,003,649	1,975,989	27,660	2,974,469	47
1,065	505,665	626	146,093	29	3,084	258,706	51,186	20,826	150,399	36,295	2,972,171	2,916,466	55,705	4,971,357	48
66	39,785	8	1,362	1	156	18,941	2,498	2,228	13,997	218	415,319	403,961	11,358	563,843	49
77	35,155	124	38,200	32	7,000	12,678	574	933	11,171		240,415	236,889	3,526	374,145	50
211	106,814	8	2,405	35	5,054	42,885	9,652	5,964	27,269		588,057	581,311	6,746	859,267	51
31	8,427			1	48	2,416	588	463	1,365		25,355	24,745	610	62,067	52
195	102,981	137	40,318	2	255	32,744	7,190	3,044	20,480	2,030	491,759	480,248	11,511	825,231	53
351	188,728	5	1,290	1	60	26,194	5,263	8,968	11,963		495,149	489,484	5,665	862,754	54
372	234,122	110	21,258	3	1,257	78,119	4,651	10,886	51,152	11,430	741,792	669,644	72,148	1,415,166	55
97	48,595	23	7,157	8	310	22,857	3,582	2,445	11,410	420	229,297	219,024	10,273	408,575	56
205	120,248	130	37,790	1	190	51,542	8,257	6,527	36,758		816,944	799,082	17,862	1,243,535	57

SPECIFIED INDUSTRIES: 1900.

71,648	$42,229,366	17,285	$4,814,498	2,114	$382,083	$16,190,282	$3,300,563	$1,049,932	$9,876,976	$1,962,811	$188,125,602	$183,260,497	$4,865,105	$302,874,761	1
562	322,272					106,011	835	8,204	96,672	500	538,568	516,573	21,995	1,357,849	2
103	49,460	27	11,620			30,753		1,243	29,510		491,140	485,675	5,465	651,550	3
10	6,460					1,563	715	7	841		3,809	3,809		20,325	4
126	106,259	82	27,725	6	1,147	30,643	15,571	1,631	13,341	100	973,702	972,522	1,180	1,273,184	5
33	22,196			1	578	6,782	4,260	368	2,154		464,140	446,080	18,060	551,455	6
118	55,347	107	33,204			52,800	12,782	1,651	38,367		1,789,871	1,786,456	3,415	2,034,239	7
60	37,986	44	9,550			127,360	7,756	2,872	112,932	3,800	748,462	741,823	6,639	1,130,133	8
33	29,985	71	15,925			7,071	2,125	464	4,482		93,637	92,632	1,005	203,990	9
36	25,810			4	546	14,704	5,604	875	8,225		182,153	179,029	3,124	288,693	10
242	118,429	2	560	11	1,540	54,104	38,507	2,332	13,155	110	195,758	188,715	7,043	564,088	11
19	11,080					3,144	1,180	56	1,333	575	25,470	25,035	435	47,670	12
13	11,080			1	364	6,099	5,276	218	605		29,985	29,935	50	70,000	13
1,219	711,513			15	4,188	159,639	106,969	15,589	34,081	3,000	1,045,393	934,953	110,440	3,236,424	14
96	58,955	105	38,286	24	5,536	15,510	10,748	472	4,290		63,141	61,277	1,864	238,805	15
5	2,455	1	310			1,138	1,020	10		108	4,485	4,425	60	11,177	16

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
17	Boots and shoes, custom work and repairing.	797	$266,218	$32,188	$38,394	$92,703	$102,933	821	2	$1,800	255	$123,277
18	Boots and shoes, factory product	30	1,257,746	13,500	12,450	343,633	888,163	82	61	55,532	994	456,927
19	Bottling	78	2,722,274	64,100	309,351	72,245	2,276,578	75	98	153,051	420	269,398
20	Boxes, cigar	7	64,930	9,000	3,200	19,900	32,830	32	3	1,800	96	39,758
21	Boxes, fancy and paper	13	152,849			52,744	100,105	20	14	11,020	296	96,015
22	Boxes, wooden packing	23	717,116	17,377	80,698	183,702	435,339	9	52	62,740	599	284,068
23	Brass castings and brass finishing	12	691,727	78,500	36,650	157,430	419,147	15	25	30,655	337	212,874
24	Brassware	4	87,250			31,180	56,070	4	2	3,000	8	6,229
25	Bread and other bakery products	359	1,664,664	349,245	322,425	445,731	547,263	423	194	109,726	1,548	836,000
26	Brick and tile	56	1,205,295	244,643	411,428	176,607	372,617	60	45	42,790	720	332,724
27	Bridges	11	611,100		500	218,800	391,800	20	46	65,080	613	324,733
28	Brooms and brushes	30	184,504	9,325	10,700	27,590	136,889	32	25	18,086	211	98,861
29	Buttons	5	6,487			725	5,762	5	1	1,200	6	988
30	Carpentering	511	1,302,866	208,715	196,665	165,280	732,206	595	38	37,532	2,339	1,597,860
31	Carpets, rag	5	4,130	500	500	1,375	1,755	5			7	4,405
32	Carriage and wagon materials	9	243,850	15,000	25,000	15,600	188,250	10	5	7,800	47	31,454
33	Carriages and wagons	228	1,474,424	327,321	230,630	228,725	687,748	274	34	37,975	1,004	532,203
34	Cars and general shop construction and repairs by steam railroad companies.	29	4,429,951	300,165	1,242,009	1,409,802	1,477,975		119	141,798	4,920	3,507,028
35	Cars, street railroad, not including operations of railroad companies.	3	205,704	5,000	55,000	94,000	51,704	3	5	5,015	70	39,120
36	Cheese and butter, urban dairy products.	8	12,798		500	8,620	3,678	12			4	1,809
37	Cheese, butter, and condensed milk, factory product.	178	1,157,090	196,192	259,832	460,270	240,796	137	90	47,464	402	203,359
38	Chemicals	21	1,844,928	248,752	289,511	651,992	654,673	11	62	70,493	390	230,395
39	China decorating	8	9,411			556	8,855	8	1	900	2	1,000
40	Clothing, men's, custom work and repairing.	688	1,331,440	51,678	41,138	62,006	1,176,618	789	149	137,468	2,332	1,289,312
41	Clothing, men's, factory product	96	1,060,934	42,500	33,000	103,153	882,281	278	72	66,072	2,410	758,264
42	Clothing, women's, dressmaking	365	399,892	27,655	22,980	44,237	305,020	392	36	30,055	1,604	596,342
43	Clothing, women's, factory product	59	691,843			50,321	641,522	182	67	51,006	1,311	437,567
44	Coffee and spice, roasting and grinding	40	1,657,466	7,000	4,700	149,510	1,496,256	48	168	212,013	267	157,614
45	Coffins, burial cases, and undertakers' goods.	6	231,775	1,000	3,700	8,725	218,350	3	12	15,200	68	29,551
46	Confectionery	204	973,383	60,850	27,800	252,964	631,769	237	234	137,648	940	307,991
47	Cooperage	33	470,558	98,240	77,285	58,490	236,543	36	13	14,700	385	247,394
48	Copper, smelting and refining	3	1,114,882	11,500	278,734	131,845	692,803		21	25,357	381	342,491
49	Corsets	10	2,467			540	1,927	10			22	8,097
50	Druggists' preparations, not including prescriptions.	7	142,250	4,000	100	24,650	113,500	3	18	21,360	103	50,225
51	Dyeing and cleaning	71	112,989	11,050	7,400	58,615	35,924	77	31	15,525	325	122,055
52	Electrical apparatus and supplies	11	181,474	6,000	12,196	80,101	83,177	5	29	28,638	238	129,906
53	Electrical construction and repairs	44	144,047	1,000	250	46,571	96,226	49	17	16,138	184	116,909
54	Electroplating	9	27,002			18,451	8,551	9	3	2,758	33	16,635
55	Engraving and diesinking	17	12,075			8,285	3,790	18			19	7,836
56	Engraving, steel, including plate printing.	11	12,500			8,000	4,500	10	2	1,004	24	12,840
57	Engraving, wood	4	760			760		4			1	1,000
58	Explosives	7	8,283,928	206,987	909,985	394,029	1,772,927		82	130,860	906	602,765
59	Fancy articles, not elsewhere specified	4	8,170			170	8,000	9			1	360
60	Fertilizers	8	647,506	79,476	128,210	59,314	380,506	3	16	20,148	70	40,138
61	Fish, canning and preserving	19	691,285	51,000	70,100	69,235	500,950	33	38	49,710	376	158,888
62	Flavoring extracts	9	66,714	5,000	5,000	9,891	46,823	7	15	12,920	30	9,490
63	Flouring and grist mill products	124	6,552,642	690,081	1,124,862	1,555,248	3,182,451	101	199	269,866	857	525,401
64	Food preparations	60	504,069	40,450	113,050	124,522	226,047	87	47	30,010	435	165,998
65	Foundry and machine shop products	250	7,873,410	1,003,642	490,368	2,232,227	4,147,173	265	477	541,336	4,782	3,092,592
66	Fruits and vegetables, canning and preserving.	136	4,397,935	1,132,110	728,891	554,086	1,982,848	128	259	242,388	7,486	1,987,649
67	Fur goods	27	1,164,700	230,000	75,150	10,875	848,675	30	12	16,967	175	101,715
68	Furnishing goods, men's	17	277,290	5,000	3,000	8,145	261,145	44	53	38,280	583	130,886
69	Furniture, cabinetmaking, repairing, and upholstering.	217	304,197	21,675	32,315	47,422	202,785	250	11	7,485	336	196,949
70	Furniture, factory product	40	543,411	8,250	45,000	126,215	363,946	50	57	43,405	684	365,406
71	Gas and lamp fixtures	10	426,846	63,600	58,400	33,612	271,234	6	46	55,580	201	119,457
72	Gas, illuminating and heating	41	20,487,350	1,730,002	926,457	16,615,701	1,215,190		203	229,285	707	497,237
73	Gas machines and meters	9	32,540	1,500	2,040	9,150	19,850	11	4	3,600	23	9,284
74	Glass, cutting, staining, and ornamenting.	14	175,096	29,150	25,080	11,875	108,991	14	18	18,492	77	43,304
75	Gloves and mittens	23	432,996	4,010	7,250	32,820	388,916	30	65	52,962	522	224,953
76	Glue	4	129,500	15,000	33,000	17,500	64,000	3	5	3,560	38	22,940
77	Grease and tallow	5	61,490	7,200	7,000	8,600	38,690	10			17	11,424
78	Hairwork	15	27,300		1,500	2,950	22,850	17	1	312	62	25,611
79	Hand knit goods	3	2,770			475	2,295	3			9	3,562
80	Hand stamps	14	57,075			25,650	31,425	13	10	9,840	44	23,390
81	Hardware, saddlery	6	2,510		500	860	1,150	6			8	3,344
82	Hats and caps, not including fur hats and wool hats.	14	128,029	8,000	4,000	25,675	90,354	13	8	12,300	94	40,446
83	Hosiery and knit goods	3	89,160		4,000	17,910	67,250		10	12,160	79	27,880
84	House furnishing goods, not elsewhere specified.	3	5,125			525	4,600	2	1	250	3	1,180
85	Ice, manufactured	20	1,305,971	236,100	166,553	806,135	97,183	7	64	62,661	190	132,023
86	Ink, printing	3	77,310			14,900	62,410	2	9	9,800	21	13,952

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.										Value of products, including custom work and repairing.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat		
250	$122,683	2	$262	3	$332	$100,072	$78,824	$1,963	$9,026	$10,259	$284,056	$282,214	$1,842	$918,025	17
720	372,131	241	79,036	33	5,760	64,373	22,338	4,874	36,961	200	1,098,184	1,086,668	11,516	1,850,511	18
412	266,826			8	2,572	308,348	33,828	6,957	267,563		3,550,502	3,536,915	13,677	4,800,160	19
60	31,240	30	7,642	6	876	8,170	5,030	904	2,236		59,932	58,962	970	142,808	20
66	33,563	224	61,142	6	1,310	17,567	10,347	655	6,565		134,450	132,412	2,038	328,880	21
580	278,856	7	1,980	12	3,232	65,421	13,910	3,000	48,511		1,027,205	1,025,821	1,384	1,778,970	22
337	212,874					20,606	9,748	3,340	6,222	1,296	386,780	367,944	18,836	770,949	23
6	5,653	2	576			2,430	1,350	60	510	480	13,272	13,032	240	40,000	24
1,265	756,656	261	71,387	22	7,957	216,379	124,027	9,541	82,706	105	2,624,261	2,519,486	104,775	4,876,688	25
710	330,326	2	504	8	1,894	62,027	5,516	4,974	46,537	5,000	165,843	39,553	126,290	834,262	26
613	324,733					53,263	4,741	2,239	15,283	31,000	656,478	620,413	36,065	1,209,762	27
189	93,415	9	2,330	13	3,116	14,426	8,998	626	4,702	100	187,847	185,934	1,913	382,072	28
		2	336	4	652	1,277	635	50	592		2,795	2,745	50	8,870	29
2,329	1,594,522	3	1,800	7	1,538	845,512	43,763	9,147	71,841	720,761	3,851,631	3,845,347	6,281	7,816,386	30
5	3,635	2	770			615	480	9	126		1,836	1,716	120	9,928	31
46	31,142	1	312			8,767	2,046	1,394	5,327		133,854	133,084	770	305,302	32
978	527,447			26	4,756	99,663	45,670	10,598	33,985	9,410	715,207	678,371	36,836	1,874,467	33
4,908	3,502,570	7	2,578	5	1,880	76,590		53,658	22,932		3,825,340	3,611,445	213,895	7,553,626	34
70	39,120					7,498	2,220	1,228	4,050		99,395	94,775	4,620	191,855	35
3	1,529	1	280			1,297	1,076	34	37	150	43,525	42,917	608	50,631	36
352	187,848	50	15,511			62,161	10,379	6,098	44,764	920	2,980,962	2,915,352	65,610	3,582,942	37
387	228,973	3	1,422			89,823	1,280	8,089	80,454		1,406,425	1,259,225	147,200	2,061,470	38
		2	1,000			1,032	962	8	62		1,268	1,082	186	14,331	39
1,742	1,088,945	552	192,513	38	7,854	545,005	292,838	9,328	78,408	164,431	1,969,297	1,956,201	13,096	5,172,688	40
814	348,774	1,581	407,150	15	2,340	241,655	47,640	6,679	77,343	109,993	2,309,326	2,293,375	15,951	3,869,891	41
148	116,336	1,445	478,709	11	1,297	123,864	96,825	2,109	22,830	2,100	755,388	750,283	5,105	2,013,499	42
346	178,889	954	256,584	11	1,894	62,300	45,400	1,763	13,937	1,200	1,007,874	1,001,955	5,919	1,981,136	43
196	138,073	67	18,860	4	681	145,606	60,980	7,027	77,599		2,314,878	2,284,748	30,130	3,135,558	44
50	23,756	18	5,795			16,920	6,920	829	9,171		178,357	177,697	660	276,772	45
459	217,662	459	86,134	22	4,195	181,275	115,432	5,712	60,131		1,154,486	1,120,706	33,780	2,389,618	46
378	244,994	1	600	6	1,800	63,429	10,512	2,004	17,913	33,000	948,148	946,477	1,671	1,413,456	47
381	342,491					90,026		4,229	85,797		1,379,423	827,564	551,859	4,508,259	48
2	1,020	20	7,077			2,577	2,198	34	345		8,665	8,487	178	30,475	49
46	32,700	44	14,800	13	2,725	30,968	8,268	1,170	21,530		128,815	127,415	1,400	295,762	50
131	67,725	188	53,484	6	846	45,291	22,215	562	20,618	1,896	63,688	50,777	12,911	408,983	51
228	127,826			10	2,080	11,771	8,152	690	2,929		359,135	353,197	5,938	555,735	52
174	114,069	1	316	9	2,524	20,273	12,479	621	6,873	300	257,654	254,578	3,076	585,844	53
31	16,065			2	570	4,997	3,140	67	1,640	150	18,144	16,420	1,724	58,670	54
14	6,600	2	720	3	516	3,529	3,159	40	330		5,960	5,818	142	34,700	55
18	11,110	4	1,414	2	316	2,716	2,337	40	339		4,194	4,107	87	30,840	56
1	1,000					677	672	5			1,170	1,170		8,120	57
882	593,128	24	9,637			255,278	1,600	10,178	243,500		2,669,634	2,553,489	116,145	4,283,818	58
1	360					903	484	4	415		2,405	2,405		6,707	59
70	40,138					17,638	1,430	1,403	14,805		482,818	473,999	8,819	670,517	60
279	136,422	73	19,680	24	2,786	23,370	6,626	1,885	14,709	150	449,718	441,918	7,800	866,432	61
16	6,770	12	2,000	2	720	9,557	2,816	219	6,472	50	53,351	52,153	1,198	111,980	62
825	516,144	27	8,357	5	900	246,409	14,428	43,342	188,049	590	11,077,482	10,877,755	199,727	13,100,944	63
305	137,506	125	27,826	5	666	53,480	17,756	2,856	32,469	399	892,670	867,801	24,869	1,420,519	64
4,716	3,077,964	2	744	64	13,884	900,021	129,452	31,492	641,230	97,847	5,434,863	5,121,064	313,799	12,047,149	65
1,819	702,428	5,252	1,233,861	415	51,360	412,737	26,708	18,311	366,412	1,306	9,102,400	9,005,687	96,713	13,081,829	66
62	52,022	112	49,423	1	270	33,221	14,918	9,060	9,243		500,329	499,769	560	1,138,295	67
411	102,630	160	27,100	12	1,156	29,545	11,512	1,288	15,045	1,700	364,189	362,367	1,822	664,085	68
297	182,436	33	13,331	6	1,182	62,438	38,038	2,522	14,328	7,550	288,028	284,855	3,173	823,875	69
633	351,569	36	10,792	15	3,045	80,834	29,508	6,587	43,339	1,400	583,755	571,752	12,003	1,267,986	70
175	114,657	10	2,800	16	2,000	25,607	8,050	1,320	16,237		165,133	158,679	6,454	453,229	71
705	496,587			2	650	604,847	55,230	126,423	423,194		395,853	857,173	38,680	3,162,333	72
22	9,034	1	250			2,709	1,945	174	590		20,820	20,485	335	45,565	73
71	42,250	1	300	5	754	19,175	9,926	2,122	6,627	500	148,312	145,825	2,487	307,998	74
176	94,924	422	126,729	24	3,300	68,189	15,500	1,845	50,644	200	436,512	433,638	2,874	920,624	75
38	22,940					4,659	360	667	3,407	225	219,705	207,145	12,560	277,234	76
17	11,424					5,632	720	267	4,645		182,641	180,251	2,390	239,726	77
7	3,480	55	22,181			9,310	6,822	150	2,338		24,639	24,394	245	84,686	78
2	2,016	7	1,546			981	629	7	345		1,814	1,814		10,100	79
38	21,912	2	812	4	666	8,138	5,993	210	1,915	20	23,025	22,029	996	79,669	80
8	3,344					506	402	7	97		1,179	1,087	92	9,712	81
80	19,968	60	19,828	4	650	24,327	10,903	237	13,187		77,115	75,342	1,773	184,602	82
6	3,200	66	23,500	7	1,180	10,570	1,800	540	8,230		71,751	70,751	1,000	126,980	83
1	780	1	150	1	250	1,124	815	20	289		6,860	6,857	3	13,670	84
188	131,543	2	480			89,759	6,160	6,256	77,343		119,889	40,941	78,948	511,197	85
21	13,952					5,165	2,955	642	1,568		67,603	64,467	3,136	119,740	86

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
87	Instruments, professional and scientific	10	$60,700			$18,800	$41,900	13	7	$4,900	40	$29,646
88	Iron and steel	3	1,499,162	$480,500	$104,500	565,000	349,162		18	22,250	555	327,184
89	Ironwork, architectural and ornamental.	22	462,939	1,200	2,300	102,625	356,814	21	37	50,194	259	158,715
90	Ivory and bone work	3	1,550			1,100	450	3			5	2,800
91	Jewelry	31	208,894	1,000	1,025	49,949	156,920	53	18	18,547	252	175,701
92	Kaolin and other earth grinding	5	65,395	50,500	2,500	8,700	3,695	7	1	720	14	5,085
93	Lamps and reflectors	4	14,850			3,050	11,800	7	5	5,320	16	8,502
94	Lard, refined	3	15,267	3,750	1,500	830	9,187	5			7	2,870
95	Leather goods	28	117,603	1,000	1,625	16,515	98,463	34	21	18,650	166	62,448
96	Leather, tanned, curried, and finished	45	4,820,205	303,350	577,115	427,860	3,511,880	48	75	106,458	1,454	870,973
97	Lime and cement	18	1,286,333	559,460	202,833	221,987	302,053	14	30	39,196	386	209,039
98	Liquors, distilled	5	76,600	2,100	15,200	17,850	41,450	9			20	5,932
99	Liquors, malt	99	8,183,286	1,212,127	1,894,415	1,477,327	3,599,417	105	125	212,634	950	753,424
100	Liquors, vinous	187	4,658,625	139,315	866,971	699,750	2,952,589	172	106	124,465	526	224,849
101	Lithographing and engraving	8	620,270			215,069	405,201	4	42	66,440	421	207,230
102	Lock and gun smithing	116	123,425	19,000	15,250	39,085	50,090	131	5	1,910	68	38,168
103	Looking-glass and picture frames	57	384,795	19,700	12,700	42,095	310,300	59	34	22,136	305	141,527
104	Lumber and timber products	313	28,236,332	13,403,324	1,087,313	7,559,658	6,186,042	335	335	368,437	5,806	2,849,457
105	Lumber, planing mill products, including sash, doors, and blinds.	136	3,431,949	255,793	318,268	823,572	2,034,316	149	162	176,290	2,022	1,211,188
106	Malt	5	376,130	82,900	144,000	46,500	102,730	4	6	12,600	52	47,311
107	Marble and stone work	49	901,877	126,363	117,720	106,705	551,089	59	37	58,070	551	373,952
108	Masonry, brick and stone	51	123,005	14,650	9,825	33,060	65,470	63	10	12,235	416	240,555
109	Matches	3	86,600		2,800	20,000	63,800		5	8,100	68	34,460
110	Mattresses and spring beds	21	142,560	4,150	11,100	12,339	114,971	30	17	20,180	143	62,819
111	Millinery and lace goods	13	35,321			7,380	27,941	14	11	6,080	120	32,155
112	Millinery, custom work	306	797,672	125,600	38,150	28,065	605,857	345	156	59,318	904	293,759
113	Mineral and soda waters	106	580,236	82,310	78,940	225,590	193,396	118	91	82,372	282	154,980
114	Models and patterns	10	32,390	2,000	2,000	8,720	19,670	13			55	31,335
115	Monuments and tombstones	75	303,740	62,290	18,063	27,705	195,682	95	12	11,830	197	142,288
116	Mucilage and paste	4	51,125	12,000	10,000	17,025	12,100	2	5	10,500	24	13,157
117	Musical instruments and materials, not specified.	6	14,905			2,555	12,350	6			8	5,395
118	Musical instruments, organs and materials.	4	34,240	4,750	3,800	4,830	20,860	4	2	2,240	20	13,720
119	Musical instruments, pianos and materials.	4	39,150	7,000	4,000	4,350	23,800	3			15	12,300
120	Oil, not elsewhere specified	7	994,287	259,419	219,657	163,355	351,856	3	43	59,910	207	89,046
121	Optical goods	14	47,735			14,130	33,605	18	13	21,920	42	27,090
122	Painting, house, sign, etc	439	471,791	71,170	43,025	83,614	273,982	501	30	20,189	1,480	909,983
123	Paints	11	873,378	8,300	159,588	117,463	588,027	10	33	39,922	163	100,444
124	Paper goods, not elsewhere specified	4	53,625			22,000	31,625	3	4	1,950	46	18,100
125	Paper hanging	27	70,965	5,000	300	4,948	60,717	35	3	939	127	72,088
126	Patent medicines and compounds	56	787,854	173,020	63,500	95,868	455,466	47	59	64,428	239	109,357
127	Paving and paving materials	52	6,159,839	4,179,993	133,175	823,233	1,023,438	52	96	130,909	2,123	738,169
128	Perfumery and cosmetics	8	58,043		5,000	6,220	46,823	13	32	14,200	48	16,743
129	Petroleum, refining	4	477,618	46,810	26,813	315,987	88,008		19	40,303	53	42,453
130	Photography	222	406,777	13,200	14,125	185,590	193,862	250	64	38,310	395	182,157
131	Photolithographing and photoengraving.	14	35,906			21,936	13,970	16	10	11,086	74	35,125
132	Pickles, preserves, and sauces	27	349,575	57,025	27,975	49,240	215,335	29	50	46,544	183	69,514
133	Pipes, tobacco	4	1,135			425	710	4				
134	Plastering and stuccowork	40	85,127	13,165	15,150	19,840	36,972	45			140	110,187
135	Plumbers' supplies	5	84,764	1,600	3,300	44,198	35,666	4	3	4,480	82	55,735
136	Plumbing, and gas and steam fitting	414	1,318,162	196,600	143,575	169,941	808,046	513	40	30,204	1,281	835,434
137	Pottery, terra cotta, and fire-clay products.	18	1,306,869	111,704	435,040	212,352	547,773	16	41	58,540	391	246,270
138	Printing and publishing, book and job	232	1,863,663	1,400	2,050	1,187,567	672,646	268	136	140,292	1,608	874,972
139	Printing and publishing, newspapers and periodicals.	512	4,440,602	161,215	239,835	2,464,724	1,574,828	538	857	840,650	2,683	1,804,619
140	Roofing and roofing materials	21	144,741	20,100	5,950	46,725	71,966	23	19	19,810	106	60,037
141	Rubber and elastic goods	6	38,500			17,500	21,000	3	8	4,135	21	8,295
142	Saddlery and harness	347	1,673,021	433,955	196,280	130,359	912,427	372	59	47,885	634	376,883
143	Safes and vaults	4	25,000			11,500	13,500	3	10	7,200	37	20,900
144	Salt	24	757,895	468,661	36,000	102,511	150,723	28	37	37,128	267	109,774
145	Sausage	10	53,125	17,000	7,800	19,200	9,125	12	2	900	24	12,267
146	Saws	4	157,097	4,460	18,146	94,397	40,094		15	16,440	48	34,457
147	Sewing machine repairing	5	6,575	1,000	2,000	2,800	775	4	1	50	6	3,608
148	Ship and boat building, wooden	39	298,990	30,950	38,170	92,360	187,510	51	21	23,348	385	538,694
149	Shirts	33	266,512			25,512	241,000	53	44	52,468	622	223,236
150	Shoddy	3	10,225	1,500	2,625	2,500	3,600	4			8	3,940
151	Show cases	5	12,800			3,800	9,000	6			34	18,888
152	Silk and silk goods	5	308,847	3,600	29,726	44,161	231,360	6	6	4,998	117	33,055
153	Slaughtering and meat packing, wholesale.	23	2,875,988	411,474	688,560	425,156	1,350,798	19	123	174,152	660	344,189
154	Slaughtering, wholesale, not including meat packing.	35	1,037,093	85,600	92,400	76,555	782,538	45	57	80,415	265	200,470
155	Soap and candles	35	1,402,772	153,116	256,178	308,914	684,564	44	53	59,731	244	117,428
156	Steam fittings and heating apparatus	8	10,050			5,300	4,750	1	5	1,336	9	6,125

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
39	$29,406	1	$240			$5,131	$4,356	$138	$637		$10,736	$9,936	$800	$74,880	87
539	323,862	4	1,000	12	$2,322	18,944		5,036	13,908		506,834	401,469	105,365	900,854	88
256	158,325			3	390	30,073	12,522	979	12,572	$4,000	405,341	396,230	9,111	758,518	89
4	2,500	1	300			592	564	3	25		1,525	1,525		8,060	90
238	173,543	2	520	12	1,638	43,264	15,592	889	21,983	4,800	418,458	408,650	9,808	742,769	91
14	5,085					3,215	1,151	63	561	1,440	25,301	23,135	2,166	49,545	92
12	7,560	1	234	8	708	3,371	1,872	49	1,210	240	19,882	19,498	384	45,500	93
7	2,870					754	741	9	4		59,926	59,434	492	67,758	94
90	46,651	72	15,357	4	440	16,351	6,330	425	8,396	1,200	76,015	74,934	1,081	234,360	95
1,437	864,719	11	4,044	6	2,210	180,795	5,673	17,492	157,630		5,809,428	5,773,872	35,556	7,405,981	96
386	209,039					36,521	100	4,854	19,067	12,500	215,575	109,293	106,282	619,796	97
20	5,932					5,675	100	417	5,083	75	191,364	188,505	2,859	238,267	98
940	749,844	8	3,280	2	300	2,126,734	11,370	41,725	2,073,639		1,276,575	1,082,579	193,996	5,085,462	99
526	224,849					265,487	24,059	24,984	216,444		2,526,768	2,464,346	62,422	3,937,871	100
290	174,618	107	29,258	24	3,354	55,137	19,155	1,963	34,019		269,364	260,917	8,447	718,945	101
62	37,063	1	150	5	955	21,648	17,589	928	3,131		43,163	40,770	2,393	205,803	102
243	127,717	35	9,910	27	3,900	52,497	19,540	2,012	30,945		158,604	156,798	1,806	513,260	103
5,706	2,825,527	41	13,527	59	10,403	573,047	12,608	168,645	391,794		7,528,215	7,526,676	1,539	13,764,647	104
1,960	1,197,169	4	1,170	58	12,849	175,114	62,584	15,757	85,025	11,748	2,436,391	2,403,670	32,721	4,807,690	105
51	46,911	1	400			11,130		2,530	8,600		346,911	330,896	16,015	582,990	106
547	373,202	2	600	2	150	39,988	18,016	3,743	10,904	7,325	371,657	356,144	15,513	1,053,215	107
416	240,555					200,790	4,173	1,046	8,149	187,422	322,546	320,976	1,570	941,812	108
63	31,760	5	2,700			4,605	1,020	175	3,410		36,365	35,375	990	108,000	109
118	54,917	20	7,010	5	892	12,864	9,310	949	2,605		245,268	243,343	1,925	448,839	110
10	4,264	109	27,837	1	54	5,124	3,318	99	1,657	50	39,429	39,187	242	116,710	111
14	8,104	861	281,207	29	4,448	200,519	163,792	5,711	30,989	27	1,039,272	1,037,068	2,204	2,114,749	112
268	151,380	6	1,725	8	1,875	60,295	17,504	6,811	35,980		403,473	393,814	9,659	1,004,758	113
52	30,665			3	670	5,239	3,825	109	1,155	150	16,475	15,194	1,281	78,563	114
194	141,476	2	728	1	84	19,217	7,816	1,439	8,340	1,622	229,159	227,597	1,562	545,482	115
20	11,957			4	1,200	2,235	988	352	895		47,442	45,788	1,654	81,500	116
8	5,395					2,157	1,107	30	620	400	3,415	3,378	37	27,513	117
20	13,720					3,458	348	120	2,990		9,184	8,984	200	30,100	118
15	12,300					2,028	840	118	1,070		10,866	10,866		45,660	119
197	84,846	10	4,200			56,892	1,200	7,975	47,717		615,855	604,461	11,394	928,113	120
37	25,690	2	960	3	440	12,953	6,692	245	5,416	600	57,028	55,836	1,192	178,277	121
1,470	908,339	1	240	9	1,404	88,801	60,949	2,832	22,716	2,304	727,607	726,902	705	2,306,487	122
154	97,047	9	3,397			19,165	6,300	1,776	10,972	117	853,231	841,471	11,760	1,128,643	123
36	15,100	10	3,000			13,623	2,420	273	10,930		167,255	164,935	2,320	231,500	124
127	72,088					23,865	6,318	542	3,005	14,000	77,160	77,136	24	233,327	125
121	68,344	114	40,189	4	824	165,168	17,759	2,582	144,827		572,399	568,327	4,072	1,182,476	126
2,123	738,169					71,794	4,634	6,094	58,166	2,900	849,057	828,684	20,373	2,149,974	127
20	9,798	28	6,945			34,158	1,930	85	32,143		85,230	84,958	272	180,265	128
53	42,453					15,785		3,261	12,524		489,989	454,368	35,621	697,877	129
224	122,397	158	57,488	13	2,272	118,950	78,275	1,886	35,484	3,305	301,733	299,395	2,338	1,022,075	130
70	34,380	1	270	3	475	4,399	3,139	178	1,082		15,129	13,371	1,758	99,275	131
103	53,406	76	15,552	4	556	23,890	10,600	1,492	11,798		336,620	329,433	7,187	652,878	132
						1,026	932	14	80		1,120	1,120		5,230	133
138	109,771			2	416	8,011	2,970	397	2,314	2,330	126,345	125,524	821	306,678	134
72	54,556	2	675	8	504	4,390	3,792	168	430		32,460	28,593	3,867	111,150	135
1,249	828,614	3	300	29	6,520	117,952	72,141	6,863	33,190	5,758	1,809,980	1,792,650	17,330	3,587,933	136
387	245,226			4	1,044	50,275	2,635	5,324	42,316		261,270	113,955	147,315	751,476	137
1,260	763,557	264	95,490	84	15,925	198,545	88,389	7,424	79,860	22,872	850,134	816,431	33,703	2,743,126	138
2,158	1,650,777	344	128,979	181	24,863	637,302	147,847	26,246	336,076	127,133	1,420,243	1,343,223	77,020	6,858,192	139
106	60,037					11,876	2,779	701	8,096	300	168,954	163,802	5,152	325,166	140
21	8,295					2,805	1,930	170	705		33,450	31,685	1,765	58,300	141
635	364,373	23	6,905	26	5,605	116,516	64,962	12,372	38,358	824	1,112,056	1,108,470	3,586	2,014,876	142
37	20,900					2,837	2,360	76	401		41,695	40,965	730	104,100	143
260	107,604	6	1,927	1	243	30,990	9,458	2,504	19,028		116,712	104,587	12,125	380,193	144
21	11,895	1	216	2	156	6,176	4,248	550	1,378		70,865	68,236	2,629	122,275	145
44	33,457			4	1,000	15,640	6,140	500	9,000		31,406	26,884	4,522	102,857	146
6	3,608					1,011	882	49	80		4,082	4,005	77	10,296	147
880	537,060			5	1,634	89,025	9,751	1,548	67,226	10,500	702,319	697,177	5,142	1,654,108	148
96	48,627	524	174,279	2	330	86,254	19,594	1,296	10,134	55,230	435,911	430,681	5,230	983,866	149
8	3,940					586	384	67	135		9,156	6,270	2,886	17,678	150
34	18,888					3,000	2,178	74	208	540	16,464	16,132	332	63,358	151
24	14,436	91	18,119	2	500	4,113	2,220	680	1,213		146,219	144,237	1,982	255,902	152
650	338,141	10	6,048			371,684	13,212	12,388	344,484	1,600	6,798,826	6,734,581	64,245	8,232,680	153
265	200,470					69,526	19,270	4,644	45,562	50	6,756,619	6,748,331	8,288	7,485,032	154
195	104,910	41	10,910	8	1,608	86,733	2,803	6,128	77,802		1,108,364	1,081,049	27,315	1,595,017	155
9	6,125					814	355	30	429		11,933	11,723	210	28,800	156

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
157	Steam packing	8	$46,885			$9,775	$37,110	6	8	$5,553	32	$18,751
158	Stencils and brands	4	7,800			4,800	3,000	4			6	4,540
159	Stereotyping and electrotyping	5	74,700			39,000	35,700	2	5	4,624	46	35,060
160	Sugar and molasses, beet	7	9,322,980	$320,869	$1,665,770	6,681,130	655,211		122	117,880	909	480,072
161	Sugar and molasses, refining	6	5,526,682	82,600	1,168,500	1,433,955	2,841,627	1	69	136,411	919	511,535
162	Surgical appliances	10	16,115	400	600	7,140	7,975	11	2	1,386	17	10,662
163	Taxidermy	6	8,300			300	8,000	8			1	250
164	Tinsmithing, coppersmithing, and sheet-iron working.	254	3,249,103	193,100	181,063	786,750	2,088,190	293	121	115,469	2,149	1,086,733
165	Tobacco, cigars and cigarettes	231	755,502	22,050	21,950	47,443	664,059	346	47	54,954	1,235	493,314
166	Tools, not elsewhere specified	11	55,675		5,150	34,410	16,115	12	2	2,100	37	19,742
167	Trunks and valises	12	169,274			13,847	155,427	15	13	11,110	160	70,220
168	Typefounding	3	96,060			65,060	31,000	2	11	10,551	33	17,113
169	Typewriter repairing	6	9,630			1,100	8,530	6	1	600	15	8,940
170	Umbrellas and canes	6	7,630			755	6,875	6			9	5,608
171	Upholstering materials	9	44,950	5,500	1,700	11,600	26,150	11	4	3,900	42	13,639
172	Varnish	8	148,500	42,000	21,000	11,000	74,500	1	6	7,860	14	7,316
173	Vinegar and cider	4	160,992	43,061	14,575	13,950	89,406	4	5	5,150	42	21,113
174	Watch, clock, and jewelry repairing	424	409,401	15,110	13,420	147,617	233,254	456	7	3,813	288	174,223
175	Windmills	6	15,650	4,000	1,350	2,350	7,950	7			23	11,590
176	Window shades	14	29,685	3,100	2,750	4,235	19,600	19	1	720	31	17,206
177	Wirework, including wire rope and cable.	24	372,132	950	350	136,629	234,203	27	30	25,370	218	124,835
178	Wood, turned and carved	29	41,182	3,125	2,125	16,390	19,542	32	2	676	59	30,080
179	Woolen goods	5	1,050,474	90,900	117,935	270,348	571,291	1	18	25,460	430	159,825
180	Wool scouring	6	329,668	40,000	20,000	74,600	195,068	1	9	11,440	230	107,167
181	All other industries[1]	96	10,999,481	1,179,021	1,175,799	2,411,517	6,233,144	91	253	372,932	4,496	2,643,353

[1] Embraces artificial feathers and flowers, 2; artists' materials, 1; axle grease, 1; bags, paper, 2; belting and hose, rubber, 1; blacking, 1; boot and shoe cut stock, 1; calcium lights, 1; card cutting and designing, 1; carpets, wood, 2; cars and general shop construction and repairs by street railroad companies, 2; charcoal, 1; chocolate and cocoa products, 1; cleansing and polishing preparations, 2; clothing, men's, factory product, buttonholes, 1; cordage and twine, 1; cordials and sirups, 2; cork, cutting, 1; cotton goods, 1; cutlery and edge tools, 1; dentists' materials, 2; drug grinding, 1; dye stuffs and extracts, 1; enameling and enameled goods, 2; files, 2; firearms, 1; fireworks, 1; flags and banners, 1; foundry supplies, 1; furs, dressed, 1; gas and oil stoves, 1; glass, 1; gold and silver, leaf and foil, 1; hardware, 2; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel, doors and shutters, 1; iron and steel, forgings, 2; japanning, 1; jewelry and

TABLE 8.—MANUFACTURES IN CITIES

LOS ANGELES.

1	All industries	1,415	$11,742,838	$1,014,352	$1,214,411	$3,510,617	$6,003,458	1,584	939	$840,855	8,044	$3,992,733
2	Awnings, tents, and sails	4	55,280			8,000	47,280	5	4	4,128	35	16,533
3	Baskets, and rattan and willow ware	3	1,730			835	895	3			4	1,250
4	Bicycle and tricycle repairing	42	30,893	445	875	11,140	18,433	49	1	364	56	22,523
5	Blacksmithing and wheelwrighting	77	47,542	5,750	4,735	13,645	23,412	94			64	35,901
6	Bookbinding and blank book making	3	17,100			8,300	8,800	5	4	4,118	24	9,316
7	Boots and shoes, custom work and repairing.	82	16,082	1,000	325	6,571	8,186	84			16	8,386
8	Bottling	3	18,167	1,000	5,500	1,000	10,667	3	4	2,229	16	7,496
9	Boxes, fancy and paper	4	20,174			13,369	6,805	6	2	720	58	16,453
10	Boxes, wooden packing	4	38,828		5,000	15,528	18,300	2	4	4,120	46	19,393
11	Bread and other bakery products	51	238,533	18,520	20,425	75,700	123,888	59	40	20,517	208	110,554
12	Brick and tile	6	169,000	40,000	60,500	23,500	45,000	5	8	7,240	110	43,053
13	Brooms and brushes	4	25,050	800	450	3,690	20,110	3	3	2,580	32	12,835
14	Buttons	3	5,737			225	5,512	4	1	1,200	4	650
15	Carpentering	100	173,815	40,650	20,325	15,201	97,639	114	8	7,360	389	223,838
16	Carriages and wagons	13	49,755	9,000	2,850	9,240	28,665	16			82	36,204
17	Cars and general shop construction and repairs by steam railroad companies.	3	349,111	56,500	106,700	106,576	79,335		21	27,830	537	391,759
18	Cheese, butter, and condensed milk, factory product.	3	37,150	1,200	4,750	22,200	9,000	3	8	6,300	24	13,020
19	China decorating	5	4,586			181	4,405	6				
20	Clothing, men's, custom work and repairing.	98	194,257	1,000	450	8,430	184,377	115	16	14,485	405	219,446
21	Clothing, men's, factory product	9	20,261			8,630	11,631	17	6	4,440	155	39,500
22	Clothing, women's, dressmaking	64	37,682	215	600	7,232	29,635	66	4	2,655	244	84,672
23	Coffee and spice, roasting and grinding	8	112,092	1,000	2,700	9,250	99,142	9	8	6,880	21	9,348
24	Confectionery	23	294,277			77,184	217,093	31	45	42,961	223	74,281
25	Cooperage	3	48,375			3,375	45,000	4	1	600	31	19,344
26	Dyeing and cleaning	15	20,759	600	3,000	10,895	6,264	15	15	7,630	59	22,849
27	Electrical apparatus and supplies	3	55,774		965	23,582	31,227	1	11	13,370	35	29,106
28	Electrical construction and repairs	10	31,420			8,496	22,924	10	5	3,960	53	30,943
29	Flouring and grist mill products	10	607,049	102,400	105,000	75,992	323,657	5	31	41,234	79	40,793
30	Food preparations	7	30,640	2,600	4,900	5,675	17,465	10	3	175	14	3,674
31	Foundry and machine shop products	34	1,021,034	76,891	51,992	285,143	607,008	35	77	69,820	552	359,920
32	Fruits and vegetables, canning and preserving.	3	148,000	43,000	28,000	12,000	65,000	3	5	6,600	322	76,500
33	Furniture, cabinetmaking, repairing, and upholstering.	36	23,200			8,935	14,265	40			72	46,692
34	Furniture, factory product	8	106,081	5,700	6,000	19,000	75,381	9	19	7,429	105	47,381
35	Gas and lamp fixtures	5	66,096	3,600	8,400	12,112	41,984	3	8	10,120	52	33,957
36	Hairwork	5	9,000			1,200	7,800	6	1	312	29	8,295

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
31	$18,451			1	$300	$3,574	$1,751	$132	$1,691		$41,637	$40,119	$1,518	$88,820	157
6	4,540					672	600	14	58		3,684	3,684		17,000	158
31	25,644	14	$9,208	1	208	7,281	3,140	194	3,947		13,878	11,263	2,615	92,937	159
903	477,306	3	1,565	3	1,201	159,482		48,153	111,329		2,243,580	1,990,395	253,185	3,499,996	160
899	506,885	9	1,910	11	2,740	404,682	55,785	22,778	326,119		14,888,126	14,608,098	280,028	15,909,998	161
12	9,277	4	1,260	1	125	8,702	2,736	77	5,889		14,330	14,098	232	52,414	162
1	250					1,022	914	32	76		1,000	999	1	5,246	163
1,644	971,329	365	78,336	140	37,068	237,768	81,669	10,313	141,086	$4,700	3,994,673	3,938,331	56,342	6,279,513	164
1,067	448,400	142	40,018	26	4,896	302,783	49,331	4,683	247,569	1,200	741,019	739,689	1,330	1,887,561	165
37	19,742					5,648	4,546	161	641	300	22,104	15,693	6,411	103,720	166
114	55,533	18	6,907	28	7,780	22,565	8,800	572	13,193		114,561	113,661	900	274,633	167
20	13,001	13	4,112			5,889	3,000	241	2,648		21,473	20,221	1,252	65,095	168
15	8,940					2,504	1,416	18	370	700	5,532	5,532		22,520	169
7	4,734	2	874			3,755	3,180	58	517		15,174	15,172	2	40,390	170
25	9,477	10	2,796	7	1,366	4,780	2,995	210	1,075	500	25,586	24,116	1,470	73,910	171
14	7,316					4,850	120	380	4,350		88,900	88,185	715	130,805	172
28	14,914	14	6,199			3,685	625	646	2,414		54,216	52,061	2,155	95,912	173
272	170,167	8	2,020	8	2,036	98,719	74,959	3,279	17,104	3,377	185,898	182,744	3,154	787,609	174
23	11,590					1,451	624	102	725		31,800	31,300	500	55,850	175
25	15,267	5	1,739	1	200	3,992	3,189	237	566		98,141	97,581	560	146,306	176
212	123,425	1	150	5	1,260	24,001	11,246	749	11,006	1,000	513,407	508,075	5,332	882,564	177
50	27,712	6	1,600	3	768	6,879	4,631	168	1,218	862	20,784	18,940	1,844	90,482	178
264	113,826	147	43,012	19	2,987	78,261		4,417	73,844		409,445	390,512	18,933	687,354	179
189	93,375	41	13,792			45,276	9,920	14,862	20,494		53,354	42,974	10,380	293,200	180
3,913	2,493,964	364	110,233	219	39,156	657,886	42,806	30,041	330,910	254,129	35,077,550	34,615,400	462,150	39,257,929	181

instrument cases, 1; jute and jute goods, 1; labels and tags, 1; lapidary work, 2; lasts, 2; lead, smelting and refining, 1; oakum, 1; oil, essential, 2; oil, linseed, 1; paper and wood pulp, 2; pens, gold, 1; photographic apparatus, 1; photographic materials, 2; printing materials, 1; pumps, not including steam pumps, 1; regalia and society banners and emblems, 1; rice, cleaning and polishing, 1; scales and balances, 2; shipbuilding, iron and steel, 2; smelting and refining, not from the ore, 2; sporting goods, 2; springs, steel, car and carriage, 1; stamped ware, 1; starch, 2; stationery goods, not elsewhere specified, 2; tobacco, chewing, smoking, and snuff, 1; toys and games, 1; vault lights and ventilators, 1; washing machines and clothes wringers, 2; whips, 1; wood, preserving, 2; woodenware, not elsewhere specified, 1; wool pulling, 2.

BY SPECIFIED INDUSTRIES: 1900.

LOS ANGELES.

6,389	$3,576,618	1,465	$381,042	190	$35,073	$1,513,393	$346,853	$63,197	$792,341	$311,002	$10,572,660	$10,290,368	$282,292	$21,297,537	1
16	11,339	17	4,752	2	442	5,831	3,060	207	2,564		73,559	73,329	230	124,316	2
2	750	2	500			212	172	10	30		1,183	1,033	150	4,515	3
51	21,895	1	320	4	308	10,399	6,949	229	3,221		32,588	31,688	900	110,497	4
63	35,601			1	300	14,247	10,890	364	2,811	182	55,663	49,467	6,196	191,726	5
11	6,244	12	3,000	1	72	3,103	1,029	54	2,010		9,898	9,657	241	36,712	6
16	8,386					9,233	8,284	66	521	362	22,427	22,309	118	79,578	7
16	7,496					5,466	3,340	106	2,020		29,690	29,130	560	54,004	8
14	7,354	42	8,829	2	270	2,608	1,944	88	576		18,800	18,544	256	52,855	9
39	17,601	5	1,560	2	232	3,134	990	103	2,041		44,039	43,379	660	88,468	10
180	101,803	27	8,287	1	464	39,790	22,478	965	16,272	75	330,819	315,892	14,927	660,212	11
102	41,159			8	1,894	4,918	468	890	3,560		21,143	2,283	18,860	111,177	12
30	12,211			2	624	2,014	982	195	837		33,772	33,488	284	56,979	13
		2	336	2	314	963	481	50	432		1,499	1,485	14	5,870	14
385	222,908			4	930	185,739	3,323	1,716	10,198	170,502	749,585	749,126	459	1,458,212	15
78	35,556			4	648	7,343	4,748	302	2,293		57,651	55,802	1,849	133,772	16
530	389,181	7	2,578			15,739		5,814	9,925		280,029	277,114	2,915	715,357	17
24	13,020					2,855	1,030	165	1,660		205,841	203,401	2,440	249,833	18
						371	330	4	37		603	557	46	9,031	19
334	197,159	67	21,505	4	782	67,623	39,960	1,286	11,955	14,422	247,435	243,038	4,397	740,011	20
11	3,900	142	35,400	2	200	6,147	1,476	782	3,089	800	215,480	214,737	743	322,121	21
32	16,414	212	68,258			17,979	15,581	270	2,128		91,860	90,223	1,637	277,839	22
16	8,088	4	1,110	1	200	10,079	3,505	755	5,819		181,396	179,060	2,336	245,380	23
92	53,690	127	19,951	4	640	35,404	21,830	1,130	12,444		372,470	361,744	10,726	696,272	24
31	19,344					5,456	1,088	82	1,286	3,000	71,345	71,225	120	133,230	25
30	14,216	27	8,167	2	466	13,844	5,116	118	8,094	516	14,363	13,161	1,202	85,059	26
35	29,106					2,915	1,142	46	1,727		16,417	14,802	1,615	66,982	27
60	29,715	1	316	2	912	3,860	1,924	166	1,770		120,155	119,545	610	266,074	28
73	39,693	1	200	5	900	27,137	1,575	4,932	20,630		1,022,483	1,006,257	16,226	1,223,391	29
8	2,484	4	1,040	2	150	2,280	782	351	1,147		35,887	34,671	1,216	55,981	30
549	358,887	1	624	2	409	106,259	9,300	2,929	43,130	50,900	770,371	746,123	24,248	1,545,406	31
45	19,600	262	54,600	15	2,300	14,706		390	14,316		297,623	294,532	3,091	423,000	32
64	43,089	3	3,603			9,675	6,658	300	2,397	320	41,486	41,210	276	132,158	33
93	43,261	9	3,120	3	1,000	12,534	4,230	802	7,002	500	125,555	124,109	1,446	230,472	34
52	33,957					13,257	1,630	495	11,132		37,841	36,562	1,279	123,214	35
1	780	28	7,515			3,367	2,352	73	942		6,362	6,202	160	26,515	36

TABLE 8.—MANUFACTURES IN CITIES

LOS ANGELES—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
37	Jewelry	6	$55,950		$25	$10,375	$45,550	8	3	$2,660	25	$14,828
38	Leather goods	8	47,975		125	5,435	42,415	10	9	9,610	83	24,163
39	Lime and cement	3	137,892	$35,000	40,000	10,720	52,172	4	3	5,100	56	45,300
40	Liquors, vinous	16	196,512	20,650	23,500	27,650	124,712	17	4	1,700	46	17,798
41	Lock and gun smithing	11	17,655	300	400	4,375	12,580	10	4	1,610	7	4,620
42	Looking-glass and picture frames	11	33,710	10,000	3,000	1,960	18,750	12			16	9,134
43	Lumber, planing mill products, including sash, doors, and blinds.	20	787,081	48,000	36,422	119,772	582,887	19	42	41,258	303	153,552
44	Masonry, brick and stone	15	27,350		600	10,800	15,950	17	4	2,150	155	79,258
45	Millinery, custom work	19	86,153			503	85,650	24	64	24,057	113	37,686
46	Mineral and soda waters	5	51,950	8,350	4,600	20,500	18,500	6	7	5,620	28	18,348
47	Monuments and tombstones	6	26,657	5,000	1,100	2,260	18,297	7	3	3,770	26	15,440
48	Optical goods	4	12,155			3,530	8,625	6			10	6,400
49	Painting, house, sign, etc	45	23,347	4,275	2,225	6,470	10,377	48			91	58,450
50	Paper hanging	10	32,230			2,005	30,225	13			44	20,170
51	Paving and paving materials	15	322,175	8,000	28,750	67,250	218,175	12	49	64,214	645	235,965
52	Patent medicines and compounds	16	42,810	950	850	3,835	37,175	17	13	8,318	28	11,644
53	Perfumery and cosmetics	5	36,623		5,000	5,600	26,023	10	4	3,750	25	11,325
54	Photography	31	112,570	1,600	3,775	37,560	69,635	37	20	11,071	93	35,723
55	Photolithographing and photoengraving.	5	20,199			9,749	10,450	7	2	1,196	10	4,706
56	Pickles, preserves, and sauces	5	84,182	4,800	7,400	19,900	52,082	5	14	11,900	48	11,640
57	Plastering and stuccowork	13	38,405	7,300	8,000	10,080	13,025	14			44	37,088
58	Plumbing, and gas and steam fitting	48	160,901	31,600	15,150	15,559	98,592	63	7	4,880	139	94,354
59	Pottery, terra cotta, and fire-clay products.	7	295,039	33,779	80,090	66,902	114,268	6	9	10,560	57	31,959
60	Printing and publishing, book and job	47	182,626	250	250	118,324	63,802	61	18	18,158	230	114,143
61	Printing and publishing, newspapers and periodicals.	40	709,255	68,700	84,680	285,804	270,071	40	84	81,362	191	136,803
62	Saddlery and harness	24	39,612	14,150	3,350	7,862	14,250	24	3	1,400	52	20,807
63	Shirts	5	8,875			1,175	7,700	6	5	4,380	30	5,044
64	Soap and candles	5	250,345	25,500	61,000	37,170	126,675	7	11	14,340	30	16,620
65	Tinsmithing, coppersmithing, and sheet-iron working.	26	419,535	44,900	25,225	132,850	216,560	30	12	15,021	299	117,586
66	Tobacco, cigars and cigarettes	13	24,402	3,000	2,100	1,005	18,297	13	1	1,100	35	22,317
67	Tools, not elsewhere specified	4	9,550		150	6,200	3,200	4			9	4,022
68	Trunks and valises	3	17,674			447	17,227	3	1	800	19	8,339
69	Watch, clock, and jewelry repairing	56	58,854			16,430	42,424	60	2	2,400	51	27,838
70	Wirework, including wire rope and cable.	3	3,925			1,075	2,850	4			6	3,836
71	Wood, turned and carved	8	5,040			1,935	3,105	8	2	676	11	5,664
72	All other industries [1]	106	3,239,094	226,377	332,202	1,525,518	1,154,997	111	176	166,417	833	414,298

[1] Embraces agricultural implements, 1; artificial limbs, 1; axle grease, 1; baking and yeast powders, 2; bicycles and tricycles, 2; boots and shoes, factory product, 2; boxes, cigar, 2; brass castings and brass finishing, 2; carpets, rag, 2; carpets, wood, 2; carriage and wagon materials, 1; clothing, women's, factory product, 2; coffins, burial cases, and undertakers' goods, 1; cordials and sirups, 1; dentists' materials, 1; electroplating, 2; enameling and enameled goods, 1; engraving and diesinking, 2; engraving, steel, including plate printing, 1; fancy articles, not elsewhere specified, 1; fertilizers, 2; fish, canning and preserving, 1; flavoring extracts, 1; fur goods, 2; furnishing goods, men's, 2; gas and oil stoves, 1; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 2; hand knit goods, 1; hand stamps, 2; hats and caps, not including fur hats and wool hats, 1; house furnishing goods, not elsewhere specified, 1; ice, manufactured, 2; ink, printing, 1; instruments, professional and scientific, 1; ironwork, architectural and ornamental, 1; kaolin and other earth grinding, 1; lamps and reflectors, 1;

OAKLAND.

1	All industries	752	$6,364,651	$665,260	$593,405	$2,617,063	$2,488,923	530	347	$319,263	4,012	$2,129,598
2	Awnings, tents, and sails	3	5,500	100	100	1,100	4,200	4			3	1,712
3	Bicycle and tricycle repairing	17	26,312	750	250	8,850	16,462	19	1	800	26	13,962
4	Blacksmithing and wheelwrighting	42	52,630	20,100	9,150	10,335	13,045	49			34	19,221
5	Boots and shoes, custom work and repairing.	90	29,492	4,710	4,050	9,650	11,082	89			29	12,322
6	Bottling	5	14,100		1,500	6,200	6,400	6	10	8,716	15	9,454
7	Bread and other bakery products	32	111,114	28,200	30,700	25,005	27,209	39	16	7,516	136	77,518
8	Carpentering	49	194,925	23,950	18,940	21,240	130,795	55	6	5,284	229	180,968
9	Carriages and wagons	16	75,915	21,200	15,050	8,325	31,340	18			59	32,555
10	Cheese, butter, and condensed milk, factory product.	4	5,475		500	4,150	825	4			4	2,620
11	Clothing, men's, custom work and repairing.	40	69,157	450	2,275	5,265	61,167	43	8	9,600	165	92,176
12	Clothing, men's, factory product	3	100,170	7,500		11,570	81,100	2	19	15,495	133	43,750
13	Clothing, women's, dressmaking	37	18,780	850	2,830	5,660	9,440	41			82	24,420
14	Clothing, women's, factory product	5	7,260			1,710	5,550	9	3	800	20	7,900
15	Confectionery	17	26,514	2,500	5,000	8,083	10,931	19	10	2,428	50	22,778
16	Dyeing and cleaning	5	6,020			5,020	1,000	5			8	3,650
17	Electrical construction and repairs	3	2,640	1,000	250	775	615	3			4	2,250
18	Flouring and grist mill products	3	75,898	21,000	16,000	15,000	23,898	1	4	2,500	31	23,360
19	Foundry and machine shop products	12	326,276	32,500	32,585	100,048	161,143	11	20	21,809	230	120,501
20	Furniture, cabinetmaking, repairing and upholstering.	23	12,690	2,125	700	4,345	5,520	27			10	6,391
21	Liquors, malt	3	132,695	18,500	46,900	33,600	33,695	3	6	7,920	17	16,556

BY SPECIFIED INDUSTRIES: 1900—Continued.

LOS ANGELES—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
23	$14,618			2	$210	$4,435	$2,146	$194	$2,095		$49,235	$48,722	$513	$101,050	37
44	16,951	39	$7,212			4,366	2,012	212	2,142		20,525	20,358	167	89,170	38
56	45,300					4,368	100	435	1,333	$2,500	36,694	15,481	21,213	107,298	39
46	17,798					13,815	2,428	1,196	10,191		89,116	87,166	1,950	136,016	40
7	4,620					2,502	1,936	102	464		7,575	6,961	614	31,240	41
16	9,134					3,891	3,063	154	674		20,005	19,841	164	49,200	42
303	153,552					21,384	7,630	2,638	9,856	1,260	446,177	442,606	3,571	823,441	43
155	79,258					7,969	940	104	3,925	3,000	107,315	106,415	900	267,549	44
3	2,604	100	32,462	10	2,620	35,590	28,625	836	6,129		115,146	114,099	1,047	265,697	45
26	17,868			2	480	4,400	720	210	3,470		45,469	44,329	1,140	94,598	46
26	15,440					2,250	1,520	124	431	175	27,034	26,758	276	61,508	47
8	5,780	1	480	1	140	3,959	1,850	94	1,415	600	10,029	9,857	172	31,597	48
90	58,320			1	130	4,409	2,907	90	1,412		72,485	72,470	15	185,130	49
44	20,170					19,711	3,344	267	2,100	14,000	38,492	38,480	12	107,900	50
645	235,965					9,332	567	214	8,551		246,823	243,703	3,120	705,195	51
20	10,004	6	1,132	2	508	16,260	3,993	244	12,023		31,014	30,762	252	91,657	52
13	6,600	12	4,725			11,240	550	43	10,647		23,196	22,941	255	62,652	53
61	27,038	30	8,347	2	338	23,542	12,251	432	8,110	2,749	62,343	61,402	941	205,883	54
8	4,214	1	270	1	222	1,257	861	57	339		5,792	5,518	274	22,000	55
19	7,430	28	4,090	1	120	4,125	1,134	181	2,810		85,117	83,890	1,227	134,143	56
44	37,088					3,552	450	196	576	2,330	50,501	50,378	123	114,850	57
138	94,162			1	192	14,344	6,407	937	4,700	2,300	239,656	237,238	2,418	461,900	58
55	31,220			2	739	7,952	185	1,124	6,643		48,093	25,828	22,265	104,706	59
188	102,262	26	9,072	16	2,809	30,807	12,661	895	13,789	3,462	106,470	102,741	3,729	391,370	60
164	128,631	18	6,520	9	1,652	88,214	9,993	2,926	41,279	34,016	163,529	156,875	6,654	813,404	61
46	19,402	5	1,225	1	180	5,248	3,324	406	1,194	324	42,900	42,514	386	89,163	62
		30	5,044			2,143	871	5	967	300	11,907	11,842	65	35,451	63
24	14,300	6	2,320			14,027	252	1,133	12,642		141,279	138,788	2,491	192,657	64
244	105,684	40	8,626	15	3,276	20,125	3,076	1,599	15,450		440,685	436,578	4,107	725,198	65
30	20,763	4	1,500	1	54	7,519	1,735	136	5,648		18,216	18,216		59,005	66
9	4,022					654	460	30	164		5,899	4,725	1,174	18,100	67
19	8,339					6,630	3,600	246	2,784		11,480	11,480		36,683	68
50	27,718			1	120	12,816	8,670	286	3,755	105	26,889	26,329	560	125,215	69
6	3,836					627	334	36	257		4,499	4,494	5	12,420	70
10	5,456			1	208	2,201	1,424	36	579	162	2,256	2,064	192	15,460	71
676	375,234	111	32,446	46	6,618	431,242	26,187	19,134	383,781	2,140	2,081,501	2,003,634	77,867	3,792,812	72

lapidary work, 1; liquors, malt, 2; lithographing and engraving, 2; marble and stone work, 1; mattresses and spring beds, 2; millinery and lace goods, 1; models and patterns, 2; mucilage and paste, 1; musical instruments and materials, not specified, 2; musical instruments, organs and materials, 1; oil, not elsewhere specified, 1; paints, 1; paper goods, not elsewhere specified, 2; petroleum, refining, 1; photographic materials, 1; pipes, tobacco, 1; plumbers' supplies, 1; pumps, not including steam pumps, 1; regalia and society banners and emblems, 1; roofing and roofing materials, 2; salt, 1; sewing machine repairing, 2; shoddy, 1; show cases, 2; slaughtering and meat packing, wholesale, 1; stamped ware, 1; steam fittings and heating apparatus, 1; steam packing, 1; sugar and molasses, refining, 1; surgical appliances, 2; taxidermy, 2; typewriter repairing, 2; umbrellas and canes, 2; upholstering materials, 1; vinegar and cider, 1; whips, 1; window shades, 2; wool pulling, 1.

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2,928	$1,818,018	919	$280,722	105	$30,858	$620,459	$144,220	$34,555	$290,928	$150,756	$4,277,647	$4,129,441	$148,206	$9,174,257	1
2	1,460	1	252			442	240	13	189		4,933	4,933		16,535	2
25	13,812			1	150	4,880	3,451	137	1,267	25	15,487	14,806	681	60,687	3
33	18,909			1	312	6,310	5,233	297	720	60	27,125	24,847	2,278	105,123	4
28	12,212			1	110	8,403	7,890	99	414		28,576	28,405	171	98,328	5
15	9,454					4,960	2,300	100	2,560		101,719	101,264	455	149,056	6
109	68,515	27	9,003			17,630	10,626	694	6,310		197,263	182,873	14,390	362,192	7
229	180,968					144,210	5,591	588	10,956	127,075	312,303	311,529	774	776,042	8
58	32,395			1	160	3,600	2,197	405	698	300	38,638	37,428	1,210	111,560	9
4	2,620					1,830	1,105	55	670		42,497	41,707	790	51,965	10
100	68,003	65	24,173			14,848	10,647	340	3,861		118,277	116,755	1,522	320,569	11
63	27,150	66	15,600	4	1,000	29,173	4,158		25,015		101,045	98,045	3,000	204,525	12
4	3,160	75	20,835	3	425	5,996	5,430	67	499		27,705	27,295	410	89,766	13
6	1,800	14	6,100			1,656	1,269	67	320		9,445	9,370	75	30,500	14
30	17,254	19	5,302	1	222	6,142	5,202	129	811		29,254	27,750	1,504	99,210	15
5	2,270	3	1,380			1,061	880	26	155		2,460	1,810	650	11,100	16
3	2,000			1	250	385	264	10	111		2,400	2,400		6,850	17
31	23,360					2,569	36	894	1,639		143,828	140,303	3,525	207,915	18
229	120,351			1	150	11,190	2,675	1,248	6,917	350	186,835	157,737	29,098	399,416	19
9	6,235			1	156	3,492	3,034	79	329	50	10,695	10,590	105	33,630	20
17	16,556					55,519		705	54,814		36,258	32,758	3,500	133,371	21

TABLE 8.—MANUFACTURES IN CITIES

OAKLAND—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
22	Lock and gun smithing	9	$4,325	$150	$150	$2,400	$1,625	12			4	$2,100
23	Looking-glass and picture frames	5	7,495			1,045	6,450	5			7	3,590
24	Lumber, planing mill products, including sash, doors, and blinds.	13	560,768	52,407	58,801	167,208	282,352	19	20	$24,980	342	194,735
25	Masonry, brick and stone	4	5,090	100	100	285	4,605	5			4	2,250
26	Mattresses and spring beds	3	15,350	3,000	6,000	2,050	4,300	7			17	8,504
27	Millinery, custom work	17	36,534	50	50	2,520	33,914	20	6	4,260	74	19,587
28	Monuments and tombstones	4	43,250	7,100	2,000	1,900	32,250	3	3	3,000	16	14,500
29	Painting, house, sign, etc	46	88,920	22,300	12,600	10,790	43,230	56	4	2,430	152	106,554
30	Paper hanging	6	19,400			1,708	17,692	6	1	360	43	27,621
31	Paving and paving materials	8	166,700	25,500	12,000	18,850	110,350	9	18	16,285	201	97,443
32	Photography	15	28,475		100	7,500	20,875	18	2	1,300	34	13,326
33	Pickles, preserves, and sauces	3	7,670	4,200	1,200	1,000	1,270	6	1	420	7	1,876
34	Plastering and stuccowork	4	2,450			1,350	1,100	4			6	8,280
35	Plumbing, and gas and steam fitting	39	133,885	27,000	16,350	15,295	75,240	46	4	3,370	119	80,713
36	Printing and publishing, book and job	16	47,295		300	39,050	7,945	19	5	3,800	43	17,839
37	Printing and publishing, newspapers and periodicals.	10	545,804	33,800	54,500	192,958	264,546	7	62	46,998	231	109,788
38	Saddlery and harness	11	26,175		700	4,525	20,950	13			13	8,201
39	Tinsmithing, coppersmithing, and sheet-iron working.	13	35,740	1,300	2,525	10,815	21,100	13			32	22,214
40	Tobacco, cigars and cigarettes	12	19,237			880	18,357	13			16	8,516
41	Watch, clock, and jewelry repairing	31	18,030			10,325	7,705	29			25	16,740
42	All other industries[1]	74	3,258,495	302,918	239,249	1,838,678	877,650	73	118	129,192	1,341	656,157

[1] Embraces ammunition, 1; artificial limbs, 1; baking and yeast powders, 1; baskets, and rattan and willow ware, 2; boot and shoe uppers, 1; boxes, wooden packing, 1; brass castings and brass finishing, 1; bridges, 2; carpets, rag, 2; cars and general shop construction and repairs by street railroad companies, 1; china decorating, 1; coffee and spice, roasting and grinding, 2; coffins, burial cases, and undertakers' goods, 1; corsets, 2; cotton goods, 1; electrical apparatus and supplies, 1; fertilizers, 1; flavoring extracts, 1; food preparations, 2; fruits and vegetables, canning and preserving, 1; fur goods, 1; gas, illuminating and heating, 1; gas machines and meters, 1; glass, cutting, staining, and ornamenting, 2; gloves and mittens, 1; grease and tallow, 1; hairwork, 2; instruments, professional and

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1	All industries	275	$7,369,013	$650,111	$1,399,247	$2,615,876	$2,703,779	316	188	$216,504	4,365	$2,977,764
2	Bicycle and tricycle repairing	5	17,240	1,000	1,500	2,550	12,190	7			8	3,670
3	Blacksmithing and wheelwrighting	20	41,215	14,300	5,850	6,335	14,730	24			37	26,067
4	Boots and shoes, custom work and repairing.	8	3,440			1,650	1,790	8			10	6,402
5	Bread and other bakery products	12	72,455	9,900	14,000	18,455	30,100	19	7	3,266	88	59,399
6	Carpentering	15	130,825	18,900	46,725	19,550	45,650	19	1	1,200	165	142,640
7	Carriages and wagons	5	102,357	25,500	12,300	12,775	51,782	4	3	3,912	58	35,280
8	Clothing, men's, custom work and repairing.	12	39,625	7,000	10,000	1,175	21,450	15			64	46,768
9	Clothing, women's, dressmaking	12	1,705			675	1,030	13	1	1,044	49	14,549
10	Coffee and spice, roasting and grinding	3	21,250	6,000	2,000	3,150	10,100	4	1	1,200	3	1,236
11	Confectionery	7	82,000	6,750	4,000	17,450	53,800	6	4	3,995	74	30,268
12	Dyeing and cleaning	4	2,750	1,000	1,000	250	500	5			4	2,430
13	Flouring and grist mill products	3	515,250	78,000	78,000	113,000	246,250	1	20	26,650	62	55,862
14	Foundry and machine shop products	6	88,100	7,500	7,500	41,600	31,500	9	2	2,400	96	65,945
15	Furniture, factory product	3	42,200	2,300	1,100	13,800	25,000	4	3	1,980	48	28,685
16	Lock and gun smithing	6	11,400	1,000	2,500	2,800	5,100	9			3	2,100
17	Lumber, planing mill products, including sash, doors, and blinds.	3	25,800		1,800	15,000	9,000	6			26	18,640
18	Masonry, brick and stone	3	11,000			1,400	9,600	4			38	23,350
19	Millinery, custom work	5	42,030			1,830	40,200	3	9	5,014	40	16,081
20	Mineral and soda waters	5	58,950	12,500	12,500	12,400	21,550	9			32	15,100
21	Painting, house, sign, etc	17	32,445	3,100	6,000	4,545	18,800	20	2	2,400	79	60,755
22	Patent medicines and compounds	3	5,600			2,000	3,600	3			4	2,640
23	Paving and paving materials	4	11,250	1,650	300	2,450	6,850	4			22	10,430
24	Photography	5	11,150			5,500	5,650	5			12	6,914
25	Plastering and stuccowork	3	4,800	1,200	500	850	2,250	3			23	17,648
26	Plumbing, and gas and steam fitting	12	42,400	2,000	3,500	5,850	31,050	13			49	29,884
27	Printing and publishing, book and job	5	52,062			32,662	19,400	5	3	3,000	27	22,247
28	Printing and publishing, newspapers and periodicals.	7	113,500	8,000	10,000	72,500	23,000	10	30	43,348	80	59,544
29	Saddlery and harness	8	156,900	32,500	74,000	12,200	38,200	8	8	3,984	69	38,682
30	Slaughtering and meat packing, wholesale.	3	245,500	48,500	80,000	49,000	68,000	2	9	9,430	43	34,260
31	Tinsmithing, coppersmithing, and sheet-iron working.	6	29,700	4,000	6,000	7,700	12,000	7			23	18,507
32	Tobacco, cigars and cigarettes	8	18,213			430	17,783	13	2	1,200	21	11,830
33	Watch, clock, and jewelry repairing	8	10,975	500	1,200	3,375	5,900	9			9	8,275
34	All other industries[1]	49	5,324,926	357,011	1,016,972	2,130,969	1,819,974	45	83	102,481	2,999	2,061,676

[1] Embraces awnings, tents, and sails, 1; baskets, and rattan and willow ware, 1; bookbinding and blank book making, 1; bottling, 1; boxes, wooden packing, 1; brass castings and brass finishing, 1; brick and tile, 1; brooms and brushes, 2; carriage and wagon materials, 2; cars and general shop construction and repairs by steam railroad companies, 1; clothing, men's, factory product, 1; cooperage, 1; electrical apparatus and supplies, 1; electrical construction and repairs, 2; engraving, wood, 1; fancy articles, not elsewhere specified, 1; food preparations, 2; fruits and vegetables canning and preserving, 1; furniture, cabinetmaking, repairing, and

BY SPECIFIED INDUSTRIES: 1900—Continued.

OAKLAND—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
3	$1,860			1	$240	$1,588	$1,382	$91	$115		$2,116	$1,968	$148	$11,920	22
7	3,590					1,097	810	22	235		9,812	9,770	42	21,650	23
316	188,629			26	6,106	17,981	3,574	1,552	11,355	$1,500	423,632	420,682	2,950	732,685	24
4	2,250					639	252	30	357		7,365	7,365		13,120	25
14	7,620	2	$676	1	208	1,032	492	220	320		21,810	21,730	80	42,252	26
		72	19,469	2	118	10,769	9,570	232	967		56,790	56,650	140	148,412	27
16	14,500					1,215	180	175	860		18,647	18,597	50	45,980	28
148	105,912			4	642	9,457	5,715	446	2,796	500	90,865	90,626	239	277,700	29
43	27,621					2,130	1,680	151	299		22,067	22,055	12	63,325	30
201	97,443					12,902	3,204	898	6,400	2,400	77,671	73,638	4,033	257,648	31
16	7,770	17	5,338	1	218	14,030	5,892	57	7,931	150	28,382	28,190	192	126,345	32
3	1,200	2	420	2	256	621	120	41	460		10,115	10,020	95	18,170	33
6	3,280					535	504	21	10		3,165	3,048	117	9,050	34
115	80,109			4	604	9,796	5,410	737	2,649	1,000	248,606	247,194	1,412	420,744	35
30	14,711	10	2,641	3	487	5,200	3,142	193	1,665	200	19,454	18,428	1,026	69,009	36
163	90,534	60	17,944	8	1,310	38,688	4,300	2,409	31,612	367	97,903	92,365	5,538	480,836	37
13	8,201					3,125	2,596	150	379		22,847	22,819	28	48,353	38
31	22,098			1	116	3,283	2,244	170	869		30,801	30,459	342	73,477	39
16	8,516					5,906	2,252	74	3,580		13,332	13,322	10	40,471	40
24	16,620			1	120	7,072	5,496	53	823	700	11,762	11,327	435	61,165	41
759	487,070	486	151,589	96	17,498	149,097	13,147	20,880	98,991	16,079	1,623,762	1,556,583	67,179	2,943,605	42

scientific, 1; ironwork, architectural and ornamental, 2; jewelry, 1; jute and jute goods, 1; marble and stone work, 2; matches, 1; millinery and lace goods, 1; mineral and soda waters, 2; musical instruments, organs and materials, 1; paints, 1; paper goods, not elsewhere specified, 1; photographic materials, 1; plumbers' supplies, 1; pottery, terra cotta, and fire-clay products, 2; roofing and roofing materials, 2; sewing machine repairing, 2; ship and boat building, wooden, 2; shirts, 1; shoddy, 1; soap and candles, 1; steam packing, 1; trunks and valises, 1; upholstering materials, 2; washing machines and clothes wringers, 1; windmills, 2; window shades, 1; wirework, including wire rope and cable, 1; wood, turned and carved, 2.

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3,954	$2,855,413	380	$116,174	31	$6,177	$703,922	$66,328	$65,815	$456,713	$115,066	$6,057,837	$5,767,106	$290,731	$11,141,896	1
8	3,670					1,412	1,192	145	75		3,570	3,315	255	12,350	2
37	26,067					5,547	4,127	596	824		21,985	20,015	1,970	81,973	3
10	6,402					1,889	1,583	31	275		5,645	5,635	10	20,288	4
81	56,751	2	980	5	1,668	12,986	5,706	818	6,462		117,368	111,634	5,734	271,990	5
165	142,640					123,442	1,524	2,393	7,525	112,000	313,768	312,908	860	667,300	6
53	34,500			5	780	4,553	600	1,848	2,105		54,310	52,483	1,827	113,745	7
54	41,980	10	4,788			7,679	5,340	591	1,748		38,930	38,790	140	120,990	8
1	600	48	13,949			2,760	1,950	15	795		2,710	2,630	80	28,350	9
2	1,080			1	156	1,667	900	372	395		22,795	21,970	825	35,650	10
42	20,444	32	9,824			7,544	2,320	479	4,745		70,350	68,895	1,455	98,810	11
4	2,430					345	315	30			640	450	190	6,450	12
62	55,862					17,583	660	3,868	13,055		946,571	928,937	17,634	1,128,536	13
96	65,945					22,253	1,900	685	19,668		206,410	199,596	6,814	342,843	14
46	28,040	1	420	1	225	5,662	2,720	702	2,240		45,010	43,820	1,190	101,044	15
3	2,100					1,277	825	107	345		5,430	5,282	148	20,580	16
26	18,640					1,655	532	141	982		20,718	19,790	928	52,500	17
38	23,350					1,024	190	64	770		29,900	29,900		73,450	18
1	480	39	15,601			4,264	2,502	147	1,615		36,116	35,966	150	72,400	19
28	13,900	4	1,200			3,750	1,200	2,200	350		74,910	74,045	865	132,200	20
78	60,605			1	150	6,691	2,461	234	3,996		33,541	33,541		141,050	21
4	2,640					2,062	960	82	1,020		5,004	4,759	245	12,300	22
22	10,430					2,068		88	1,480	500	15,580	15,580		43,900	23
6	4,110	6	2,804			3,799	2,820	99	880		11,750	11,700	50	33,500	24
23	17,648					1,087	100	67	920		25,185	25,185		50,650	25
46	29,258			3	626	4,094	2,579	223	1,292		67,315	66,430	885	121,420	26
26	22,047			1	200	5,083	2,672	299	1,362	750	12,721	12,026	695	54,391	27
69	56,590	3	1,500	8	1,454	15,935	2,880	811	12,028	216	36,410	34,333	2,077	221,916	28
69	38,682					8,618	1,590	3,622	3,406		239,870	239,270	600	313,370	29
43	34,260					23,253	600	1,993	19,060	1,600	204,440	197,125	7,315	293,130	30
23	18,507					2,517	1,176	509	832		22,709	22,296	413	58,439	31
17	11,104	1	208	3	518	8,072	2,268	341	5,463		22,563	22,563		55,858	32
9	8,275					2,171	1,104	143	924		6,141	5,980	161	25,700	33
2,762	1,996,376	234	64,900	3	400	391,180	9,032	42,072	340,076		3,337,472	3,100,257	237,215	6,334,823	34

upholstering, 2; gas, illuminating and heating, 1; gas machines and meters, 1; glue, 1; hand stamps, 2; iron and steel, 1; ironwork, architectural and ornamental, 1; jewelry, 1; lime and cement, 1; liquors, malt, 2; looking-glass and picture frames, 1; malt, 1; marble and stone work, 1; monuments and tombstones, 2; musical instruments and materials, not specified, 1; optical goods, 2; pickles, preserves, and sauces, 1; sewing machine repairing, 1; ship and boat building, wooden, 1; shirts, 1; soap and candles, 1; trunks and valises, 1.

TABLE 8.—MANUFACTURES IN CITIES

SAN FRANCISCO.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	4,002	$80,103,367	$8,468,392	$5,820,445	$24,824,345	$40,990,185	4,924	4,041	$4,619,033	41,978	$22,037,527
2	Awnings, tents, and sails	14	171,207			22,330	148,877	19	10	14,000	159	109,094
3	Babbitt metal and solder	4	175,675			24,575	151,100	4	8	11,250	34	22,774
4	Bags, other than paper	8	794,080			63,780	730,300	7	25	17,806	223	87,651
5	Baking and yeast powders	4	719,593	10,000	13,500	48,500	647,593	7	80	80,032	96	42,888
6	Baskets, and rattan and willow ware	8	80,540	14,000	6,000	15,715	44,825	7	2	2,725	93	27,470
7	Belting and hose, leather	6	183,106	37,500	16,709	30,307	98,590	7	12	10,816	40	25,856
8	Bicycle and tricycle repairing	19	29,340	4,000	2,000	11,200	12,140	19	3	1,460	39	23,165
9	Billiard tables and materials	3	24,250			3,250	21,000	2	6	5,180	14	11,444
10	Blacksmithing and wheelwrighting	139	261,136	102,060	42,775	42,908	73,393	166	12	8,680	254	169,211
11	Bookbinding and blank book making	12	60,500			35,150	25,350	16	8	8,300	176	83,053
12	Boot and shoe uppers	3	700			400	300	4	2	381	5	1,985
13	Boots and shoes, custom work and repairing.	274	57,565	5,300	8,573	23,421	25,271	283	1	900	121	58,252
14	Boots and shoes, factory product	23	1,180,552	10,000	7,550	325,687	837,315	75	46	46,077	855	400,917
15	Bottling	48	2,589,609	46,400	288,976	36,115	2,218,118	43	81	139,506	350	229,193
16	Boxes, cigar	5	60,150	7,000	3,000	18,100	32,050	28	3	1,800	93	38,748
17	Boxes, fancy and paper	8	131,675			38,775	92,900	13	12	10,300	233	78,837
18	Boxes, wooden packing	6	409,307	1,000	49,350	116,209	242,748	1	35	41,800	330	163,733
19	Brass castings and brass finishing	7	655,910	70,500	33,000	140,930	411,480	9	22	29,035	319	203,870
20	Brassware	4	87,250			31,180	56,070	4	2	3,000	8	6,229
21	Bread and other bakery products	137	975,761	246,825	202,550	255,039	271,347	161	90	60,111	797	417,465
22	Bridges	6	457,600		500	182,500	274,600	9	33	47,400	451	198,048
23	Brooms and brushes	16	113,174			19,230	93,944	19	19	14,626	147	70,857
24	Carpentering	171	354,482	69,600	49,325	42,615	192,942	192	14	14,290	704	464,271
25	Carriage and wagon materials	5	37,950			4,700	33,250	7	2	1,500	7	4,660
26	Carriages and wagons	51	578,179	176,000	84,500	64,575	253,104	63	21	27,938	421	208,965
27	Cheese and butter, urban dairy products.	5	2,098			1,520	578	5			2	809
28	Cheese, butter, and condensed milk, factory product.	5	31,000	12,500	6,000	5,800	6,700	8			10	7,040
29	Chemicals	10	889,527	114,734	109,500	340,384	324,909	7	37	40,640	144	95,977
30	Clothing, men's, custom work and repairing.	321	781,659	20,500	12,413	19,588	729,158	378	115	104,373	1,230	681,084
31	Clothing, men's, factory product	83	936,103	35,000	33,000	81,553	786,550	258	47	46,137	2,109	672,314
32	Clothing, women's, dressmaking	152	269,130	22,900	13,100	20,438	212,692	165	28	25,436	954	405,794
33	Clothing, women's, factory product	49	659,223			48,161	611,062	162	46	47,660	1,256	420,212
34	Coffee and spice, roasting and grinding	22	1,437,610			126,550	1,311,060	23	158	203,513	231	140,422
35	Coffins, burial cases, and undertakers' goods.	4	204,675		700	5,125	198,850	2	9	14,200	55	24,131
36	Confectionery	76	470,887	51,000	16,000	106,252	297,635	88	137	76,066	470	131,461
37	Cooperage	23	385,665	87,000	71,450	54,205	173,010	23	12	14,100	335	216,600
38	Corsets	8	1,962			320	1,642	7			19	7,212
39	Druggists' preparations, not including prescriptions.	6	132,150			23,650	108,500	3	17	21,060	102	49,875
40	Dyeing and cleaning	29	65,130	200	700	37,340	26,890	33	11	6,080	231	85,174
41	Electrical apparatus and supplies	5	58,582			30,982	27,600	2	17	14,760	193	95,851
42	Electrical construction and repairs	20	78,312			29,775	48,537	22	10	11,008	100	66,739
43	Electroplating	7	24,502			16,651	7,851	7	3	2,758	30	15,285
44	Engraving and diesinking	14	7,835			5,885	1,950	15			16	5,928
45	Engraving, steel, including plate printing.	9	12,175			7,775	4,400	8	2	1,004	24	12,840
46	Engraving, wood	3	560			560		3			1	1,000
47	Fish, canning and preserving	12	132,385	3,000	20,200	27,735	81,450	33	13	24,420	123	58,518
48	Flavoring extracts	4	28,100			3,850	24,250	5	7	5,500	17	4,980
49	Flouring and grist mill products	9	1,989,740	172,470	200,000	450,170	1,167,100	5	47	80,890	251	155,576
50	Food preparations	27	267,373	34,500	55,000	55,322	122,551	36	19	14,090	197	95,009
51	Foundry and machine shop products	102	5,225,591	707,681	254,834	1,353,896	2,909,180	105	320	393,953	3,202	2,135,048
52	Fruits and vegetables, canning and preserving.	10	856,900	168,500	79,000	93,750	515,650	20	51	70,656	1,538	433,107
53	Fur goods	24	1,161,690	230,000	75,150	10,515	846,025	27	12	16,967	170	100,051
54	Furnishing goods, men's	15	276,315	5,000	3,000	7,920	260,395	41	53	38,280	582	130,186
55	Furniture, cabinetmaking, repairing, and upholstering.	70	124,483	4,000	10,000	10,530	99,953	78	8	6,660	144	87,163
56	Furniture, factory product	22	348,225		36,600	84,335	227,290	26	33	32,976	496	270,011
57	Gas and lamp fixtures	5	360,750	60,000	50,000	21,500	229,250	8	38	45,460	149	85,500
58	Gas, illuminating and heating	3	14,221,565	1,100,000	569,989	11,821,606	729,970		72	120,986	471	321,138
59	Glass, cutting, staining, and ornamenting.	9	22,075		1,800	5,850	14,425	8	6	9,052	49	26,284
60	Gloves and mittens	15	297,650	1,000	700	20,650	275,300	19	50	40,392	400	158,304
61	Grease and tallow	3	55,590	7,200	7,000	7,100	34,290	6			15	10,124
62	Hairwork	6	12,025		1,500	1,575	8,950	7			19	13,752
63	Hand stamps	8	40,125			17,650	22,475	6	9	8,820	35	19,734
64	Hardware, saddlery	4	710			260	450	4			5	1,844
65	Hats and caps, not including fur hats and wool hats.	11	117,859	8,000	4,000	23,000	82,859	10	8	12,300	88	38,596
66	Hosiery and knit goods	3	89,160		4,000	17,910	67,250		10	12,160	79	27,880

BY SPECIFIED INDUSTRIES: 1900—Continued.

SAN FRANCISCO.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
31,722	$19,106,879	9,321	$2,734,984	935	$195,664	$8,826,167	$2,083,400	$354,450	$5,295,847	$1,092,470	$79,492,952	$77,797,077	$1,695,875	$133,069,416	1
97	87,636	58	20,753	4	705	22,078	11,055	1,117	9,806	100	873,925	873,097	828	1,083,850	2
33	22,196			1	578	6,782	4,260	368	2,154		464,140	446,080	18,060	551,455	3
116	54,447	107	33,204			52,580	12,782	1,541	38,257		1,765,963	1,762,644	3,319	2,007,039	4
54	33,738	42	9,150			125,798	7,741	2,809	111,448	3,800	732,173	726,956	5,217	1,102,533	5
49	17,105	44	10,365			5,618	1,485	373	3,760		70,064	69,344	720	144,955	6
36	25,310			4	546	14,704	5,604	875	8,225		182,153	179,029	3,124	288,693	7
37	22,765			2	400	9,568	8,729	86	718	35	42,405	40,775	1,630	98,895	8
13	11,080			1	364	6,099	5,276	218	605		29,985	29,935	50	70,000	9
246	167,039			8	2,172	36,723	30,856	1,332	2,670	1,865	161,520	143,939	17,581	569,353	10
76	47,111	78	30,628	22	5,314	10,605	8,484	284	1,837		47,490	46,202	1,288	175,658	11
4	1,675	1	310			958	840	10		108	3,400	3,400		8,177	12
120	58,072			1	180	47,970	35,062	338	2,793	9,777	102,043	101,418	625	352,721	13
607	323,191	216	72,116	32	5,610	59,917	21,524	4,646	33,547	200	945,957	936,561	9,396	1,618,514	14
342	226,621			8	2,572	291,608	27,260	5,879	258,469		3,260,887	3,250,567	10,320	4,368,051	15
60	31,240	27	6,632	6	876	8,020	4,910	900	2,210		49,499	48,589	910	127,308	16
51	26,134	178	51,663	4	1,040	14,839	8,295	565	5,979		114,355	112,585	1,770	273,600	17
329	163,483	1	250			29,974	12,340	1,320	16,314		470,093	470,093		833,694	18
319	203,870					19,355	8,884	3,258	5,917	1,296	370,429	353,463	16,966	728,224	19
6	5,653	2	576			2,430	1,350	60	540	480	13,272	13,032	240	40,000	20
521	372,048	163	39,857	18	5,560	101,501	58,872	4,435	38,164	30	1,507,614	1,459,521	48,093	2,601,027	21
451	198,048					16,837	3,532	1,637	11,668		418,640	395,540	23,100	735,697	22
133	68,025	4	820	10	2,012	10,763	6,980	210	3,473	100	120,638	119,273	1,365	257,694	23
702	463,871			2	400	143,629	25,314	1,487	13,686	103,142	1,123,914	1,122,136	1,778	2,275,162	24
7	4,660					1,748	936	150	662		32,925	32,755	170	56,762	25
406	206,097			15	2,868	48,169	24,118	1,599	14,942	7,510	256,291	245,626	10,665	704,690	26
2	809					628	584	7	37		14,184	13,881	303	17,161	27
10	7,040					970	240	155	575		52,549	52,190	359	66,917	28
144	95,977					31,929	940	5,000	25,989		653,447	571,697	81,750	954,528	29
914	576,501	282	97,511	34	7,072	386,809	192,656	3,777	41,928	148,448	1,208,467	1,205,344	3,123	3,062,566	30
740	317,724	1,360	353,450	9	1,140	205,755	41,766	5,857	48,939	109,193	1,988,231	1,976,083	12,148	3,333,885	31
101	90,506	846	314,562	7	726	80,535	60,114	1,129	17,192	2,100	546,594	544,481	2,113	1,364,938	32
335	174,949	911	243,669	10	1,594	55,562	39,811	1,392	13,159	1,200	981,703	975,893	5,810	1,903,331	33
167	122,497	62	17,600	2	325	128,432	54,165	5,255	69,012		2,049,799	2,023,737	26,062	2,766,387	34
38	18,636	17	5,495			15,877	6,800	705	8,372		171,876	171,216	660	258,984	35
213	86,972	247	42,331	10	2,158	99,329	61,739	2,642	34,948		557,995	544,580	13,415	1,136,509	36
328	214,200	1	600	6	1,800	56,911	9,228	1,540	16,143	30,000	822,521	821,236	1,285	1,199,756	37
2	1,020	17	6,192			2,059	1,758	34	267		8,043	7,880	163	26,575	38
45	32,350	44	14,800	13	2,725	30,756	8,268	1,158	21,330		128,290	126,890	1,400	293,762	39
78	42,553	151	42,316	2	305	26,115	13,906	207	10,722	1,280	40,677	31,762	8,915	273,174	40
183	93,771			10	2,080	7,214	6,410	42	762		273,624	269,770	3,854	405,665	41
95	65,533			5	1,206	12,504	7,939	248	4,017	300	91,251	89,522	1,729	225,039	42
29	15,025			1	260	4,649	2,840	49	1,610	150	17,043	15,494	1,549	52,070	43
12	4,848	2	720	2	360	2,674	2,343	23	308		3,997	3,873	124	27,450	44
18	11,110	4	1,414	2	316	2,635	2,265	36	334		3,945	3,863	82	28,600	45
1	1,000					492	492				1,065	1,065		6,920	46
118	57,022	3	1,080	2	416	13,817	5,546	424	7,697	150	190,927	189,537	1,390	384,969	47
7	2,860	8	1,400	2	720	2,966	2,220	92	604	50	24,654	24,654		51,600	48
235	150,019	16	5,557			72,366	3,960	6,100	62,306		3,018,772	2,958,385	60,387	3,574,177	49
188	92,064	3	2,585	1	360	20,743	13,856	746	5,811	330	365,231	354,694	10,537	674,095	50
3,146	2,122,381			56	12,667	704,074	106,027	19,272	533,098	45,677	3,728,365	3,520,277	208,088	8,366,967	51
370	178,025	1,165	254,715	3	367	102,137	18,980	3,159	79,998		2,131,175	2,104,558	26,617	2,992,802	52
59	51,042	110	48,739	1	270	32,546	14,384	9,053	9,109		498,277	497,739	538	1,132,045	53
410	101,930	160	27,100	12	1,156	29,256	11,248	1,283	15,025	1,700	361,480	359,670	1,810	657,885	54
125	80,303	15	6,104	4	756	31,256	17,955	671	5,730	6,900	136,541	134,646	1,895	397,565	55
462	261,439	25	7,012	9	1,560	58,458	20,464	4,891	32,203	900	395,526	386,879	8,647	880,363	56
123	80,700	10	2,800	16	2,000	12,350	6,420	825	5,105		127,292	122,117	5,175	330,015	57
471	321,138					424,274	53,970	85,899	284,405		508,284	493,043	15,241	1,942,214	58
43	25,230	1	300	5	754	11,125	9,206	84	1,335	500	21,572	20,669	903	86,364	59
129	72,184	262	84,820	9	1,300	35,865	14,096	1,290	20,279	200	319,226	317,237	1,989	664,131	60
15	10,124					4,917	60	262	4,595		169,102	167,156	1,946	220,946	61
5	2,700	13	11,052			2,056	1,780	54	222		14,325	14,240	85	41,436	62
38	19,122	1	312	1	300	5,835	4,133	141	1,541	20	20,551	19,657	894	63,175	63
5	1,844					366	294		72		648	574	74	5,012	64
28	18,768	57	19,228	3	600	22,992	10,273	182	12,537		71,650	69,952	1,698	169,902	65
6	3,200	66	23,500	7	1,180	10,570	1,800	540	8,230		71,751	70,751	1,000	126,980	66

TABLE 8.—MANUFACTURES IN CITIES

SAN FRANCISCO—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
67	Ice, manufactured	3	$510,141	$88,200	$55,365	$329,317	$37,259		30	$28,140	50	$40,009
68	Instruments, professional and scientific	7	36,100			12,800	23,300	10	7	4,900	35	27,256
69	Ironwork, architectural and ornamental.	17	297,517	1,200	1,500	94,965	199,852	17	29	41,194	219	130,751
70	Ivory and bone work	3	1,550			1,100	450	3			5	2,800
71	Jewelry	21	144,144	1,000	1,000	35,774	106,370	41	15	15,887	221	157,543
72	Kaolin and other earth grinding	4	62,395	50,000	2,000	7,200	3,195	6	1	720	10	3,285
73	Lard, refined	3	15,267	3,750	1,500	830	9,187	5			7	2,870
74	Leather goods	10	52,248	1,000	1,500	8,875	40,873	14	10	8,140	50	28,938
75	Leather, tanned, curried, and finished	21	1,232,216	108,800	99,200	143,361	880,855	29	25	36,900	570	364,565
76	Liquors, malt	25	4,722,057	850,683	667,931	347,276	2,856,167	23	64	128,455	443	398,063
77	Liquors, vinous	6	20,469	1,550	2,300	4,340	12,279	8	1	600	4	1,632
78	Lithographing and engraving	6	507,263			163,201	344,062	4	34	53,750	330	181,106
79	Lock and gun smithing	46	19,880			11,585	8,295	52	1	300	40	21,878
80	Looking-glass and picture frames	15	286,800	8,000	7,000	34,900	236,900	15	23	18,432	255	113,775
81	Lumber and timber products	4	405,250	251,500	50,000	56,100	47,650	2	11	11,500	110	49,622
82	Lumber, planing mill products, including sash, doors, and blinds.	27	511,107		41,750	183,949	285,408	30	39	44,044	566	391,547
83	Malt	4	352,330	76,600	138,500	44,500	92,730	2	6	12,600	46	37,911
84	Marble and stone work	16	520,425	50,700	44,100	46,575	379,050	17	18	20,620	186	99,101
85	Masonry, brick and stone	8	31,875	1,500	2,200	7,775	20,400	9	4	8,785	90	56,580
86	Mattresses and spring beds	9	101,065			6,710	94,355	9	17	20,180	89	44,426
87	Millinery and lace goods	8	31,491			7,000	24,491	8	7	5,540	102	30,055
88	Millinery, custom work	77	334,387	100,300	5,300	3,572	225,215	90	35	12,734	385	137,204
89	Mineral and soda waters	20	168,662	27,000	24,000	51,700	65,962	15	57	57,080	106	66,758
90	Models and patterns	8	30,885	2,000	2,000	8,715	18,170	10			54	30,985
91	Monuments and tombstones	18	96,255	21,350	3,220	6,935	64,750	23	3	2,760	65	50,130
92	Mucilage and paste	3	51,100	12,000	10,000	17,000	12,100	1	5	10,500	24	13,157
93	Musical instruments and materials, not specified.	3	10,800			1,250	9,550	3			5	3,595
94	Musical instruments, pianos and materials.	3	32,150	5,000	3,000	3,850	20,300	2			13	11,320
95	Oil, not elsewhere specified	3	788,926	190,000	187,391	128,926	282,609		37	53,110	183	76,796
96	Optical goods	8	26,625			7,000	19,625	10	10	18,320	28	18,530
97	Painting, house, sign, etc	152	201,573	20,725	9,325	40,515	131,008	174	18	10,999	844	520,070
98	Paints	6	135,512		6,000	21,525	107,987	3	25	25,950	22	14,568
99	Paper hanging	8	17,160	5,000	300	760	11,100	12	2	579	34	21,927
100	Patent medicines and compounds	30	498,256	22,000	42,500	75,730	358,026	21	38	43,410	178	83,606
101	Paving and paving materials	11	731,159	255,000	28,000	83,415	364,744	12	22	39,000	1,070	263,445
102	Perfumery and cosmetics	3	21,420			620	20,800	3	28	10,450	23	5,418
103	Photography	64	125,959			64,240	61,719	71	38	24,861	193	103,069
104	Photolithographing and photoengraving.	8	15,682			12,182	3,500	8	8	9,890	64	30,419
105	Pickles, preserves, and sauces	14	192,323	35,000	14,250	25,690	117,383	12	34	33,444	112	49,583
106	Pipes, tobacco	3	835			325	510	3				
107	Plastering and stuccowork	10	29,682	4,165	6,500	5,570	13,447	11			26	17,676
108	Plumbing, and gas and steam fitting	183	583,143	95,150	69,650	64,176	354,167	220	10	7,564	654	439,384
109	Printing and publishing, book and job	105	1,370,577	1,000	500	818,883	550,194	111	104	109,514	1,183	667,566
110	Printing and publishing, newspapers and periodicals.	119	1,414,123	11,100	6,000	899,815	497,208	128	487	504,350	979	883,630
111	Roofing and roofing materials	15	28,291	300	600	13,025	14,366	21	1	900	54	34,099
112	Rubber and elastic goods	6	38,500			17,500	21,000	3	8	4,135	21	8,295
113	Saddlery and harness	54	744,055	316,200	41,200	41,025	345,630	63	38	34,914	315	173,543
114	Safes and vaults	4	25,000			11,500	13,500	3	10	7,200	37	20,900
115	Sausage	9	51,725	17,000	7,800	18,000	8,925	11	1	480	24	12,267
116	Saws	4	157,097	4,460	18,146	94,397	40,094		15	16,440	48	34,457
117	Ship and boat building, wooden	21	112,290	500	5,520	49,010	57,260	36	11	10,000	334	201,706
118	Shirts	26	254,587			23,787	230,800	44	38	46,888	582	215,144
119	Show cases	3	7,900			2,300	5,600	4			19	11,138
120	Silk and silk goods	3	24,000			7,800	16,200	4	4	3,348	40	11,060
121	Slaughtering and meat packing, wholesale.	11	1,680,424	299,974	399,150	285,150	696,150	11	72	117,195	391	198,461
122	Slaughtering, wholesale, not including meat packing.	15	624,938	34,000	50,500	42,700	497,738	20	42	60,295	141	125,470
123	Soap and candles	17	821,080	79,050	82,979	180,919	478,132	22	35	39,671	176	85,312
124	Steam packing	6	44,560			8,525	36,035	3	8	5,553	29	16,710
125	Stencils and brands	4	7,800			4,800	3,000	4			6	4,540
126	Stereotyping and electrotyping	5	74,700			39,000	35,700	2	5	4,624	46	35,060
127	Sugar and molasses, refining	3	1,199,000	5,000	20,000	23,000	1,151,000		58	126,601	611	372,081
128	Surgical appliances	7	12,215			5,715	6,500	8	2	1,386	13	9,282
129	Taxidermy	3	1,600			200	1,400	5			1	250
130	Tinsmithing, coppersmithing, and sheet-iron working.	60	2,253,710	92,000	73,750	540,365	1,547,595	74	67	68,773	1,495	760,069
131	Tobacco, cigars and cigarettes	105	504,236	8,100	5,500	33,048	457,588	208	37	48,518	977	350,005
132	Tools, not elsewhere specified	7	46,125		5,000	28,210	12,915	8	2	2,100	28	15,720
133	Trunks and valises	7	149,000			13,100	135,900	10	12	10,310	141	61,881
134	Type founding	3	96,060			65,060	31,000	2	11	10,551	33	17,113
135	Typewriter repairing	4	9,300			1,050	8,250	2	1	600	13	8,000
136	Umbrellas and canes	3	5,325			475	4,850	3			6	3,874

BY SPECIFIED INDUSTRIES: 1900—Continued.

SAN FRANCISCO—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
50	$40,009					$21,463	$5,350	$1,097	$15,016		$43,753	$7,822	$35,931	$134,411	67
35	27,256					4,175	3,636	114	425		9,751	9,036	715	67,980	68
216	130,361			3	$390	27,067	11,586	844	10,637	$4,000	325,288	317,849	7,439	621,968	69
4	2,500	1	$300			592	564	3	25		1,525	1,525		8,060	70
211	155,775	2	520	8	1,248	37,618	12,786	620	19,412	4,800	363,928	354,838	9,090	627,044	71
10	3,285					3,076	1,031	54	551	1,440	24,951	22,785	2,166	47,545	72
7	2,870					754	741	9	4		59,926	59,434	492	67,758	73
33	24,362	14	4,236	3	340	9,131	3,123	127	5,881		44,845	44,336	509	113,285	74
569	364,155			1	410	69,312	4,905	4,110	60,297		2,219,137	2,198,821	20,316	2,794,804	75
440	397,503	1	260	2	300	1,280,447	10,090	17,096	1,253,261		710,462	627,731	82,731	2,872,303	76
4	1,632					5,991	760	257	4,974		11,630	11,480	150	27,364	77
235	155,202	95	25,904			44,505	17,460	1,687	25,358		223,079	215,677	7,402	608,345	78
35	21,013	1	150	4	715	9,821	9,160	130	531		16,312	15,278	1,034	89,474	79
194	100,115	34	9,760	27	3,900	38,285	10,780	1,371	26,134		81,788	80,392	1,396	347,925	80
110	49,622					6,205	670	2,135	3,400		110,395	110,395		196,785	81
562	390,077	1	470	3	1,000	62,137	39,391	1,831	14,427	6,488	655,730	643,606	12,124	1,353,480	82
46	37,911					8,840		2,240	6,600		324,111	310,096	14,015	537,990	83
186	99,101					12,817	5,176	2,088	5,553		301,172	291,888	9,284	520,805	84
90	56,580					181,599	2,200	475	2,802	176,122	71,884	71,374	510	338,748	85
72	38,650	16	5,560	1	216	9,295	7,792	501	1,002		186,372	185,127	1,245	317,200	86
10	4,264	91	25,737	1	54	3,870	2,304	65	1,451	50	32,563	32,347	216	102,900	87
3	1,700	369	134,044	13	1,460	90,914	78,944	1,743	10,227		485,322	485,310	12	927,848	88
104	66,058	1	400	1	300	20,437	8,301	1,803	10,333		189,110	186,240	2,870	437,326	89
51	30,315			3	670	5,019	3,636	109	1,124	150	15,800	14,534	1,266	75,848	90
63	49,402	2	728			8,642	3,864	172	3,806	800	67,533	67,179	354	184,178	91
20	11,957			4	1,200	2,163	916	352	895		46,953	45,299	1,654	80,600	92
5	3,595					809	552	12	245		847	813	34	8,983	93
13	11,320					1,708	840	98	770		7,776	7,776		38,100	94
173	72,596	10	4,200			36,429	600	6,915	28,914		476,142	469,420	6,722	707,502	95
25	17,750	1	480	2	300	5,978	3,582	105	2,291		37,115	36,119	996	117,680	96
843	519,878			1	192	47,936	35,418	814	10,268	1,436	349,007	348,760	247	1,185,068	97
20	13,848	2	720			15,763	5,700	707	9,356		219,479	214,479	5,000	316,814	98
34	21,927					1,728	1,054	110	564		13,998	13,998		52,720	99
68	44,233	108	39,057	2	316	143,003	12,406	1,573	129,024		528,011	524,957	3,054	1,020,437	100
1,070	263,445					35,116	469	2,339	32,308		362,566	357,066	5,500	816,950	101
7	3,198	16	2,220			22,918	1,380	42	21,496		62,034	62,017	17	117,613	102
112	70,715	71	30,638	10	1,716	51,755	40,244	373	11,138		123,413	122,846	567	426,021	103
62	30,166			2	253	3,142	2,278	121	743		9,137	7,653	1,484	75,775	104
68	39,126	43	10,277	1	180	16,562	8,890	724	6,948		198,707	193,363	5,344	424,772	105
						927	860	12	55		815	815		4,330	106
24	17,260			2	416	2,320	1,473	88	759		8,165	7,584	581	37,121	107
635	434,584	3	300	16	4,500	54,426	38,518	1,996	11,889	2,023	818,467	811,256	7,211	1,687,864	108
915	577,386	207	78,717	61	11,463	137,002	59,892	4,820	54,080	18,210	656,344	631,064	25,280	2,022,649	109
870	837,830	81	40,295	28	5,505	346,821	82,950	9,540	170,443	83,888	838,418	798,995	39,423	3,503,133	110
54	34,099					3,486	2,049	122	1,015	300	70,156	69,057	1,099	132,595	111
21	8,295					2,805	1,930	170	705		33,450	31,685	1,765	58,300	112
274	162,774	18	5,680	23	5,089	47,378	24,757	2,524	20,097		438,802	437,512	1,290	762,550	113
37	20,900					2,837	2,360	76	401		41,695	40,965	730	104,100	114
21	11,895	1	216	2	156	5,325	3,648	535	1,142		66,330	64,001	2,329	115,275	115
44	33,457			4	1,000	15,640	6,140	500	9,000		31,406	26,884	4,522	102,857	116
329	200,072			5	1,634	69,296	6,310	390	62,596		287,047	283,786	3,261	646,084	117
96	48,627	484	166,187	2	330	82,846	17,973	1,176	8,767	54,930	416,015	410,875	5,140	930,815	118
19	11,138					1,785	1,638	29	118		10,432	10,397	35	31,800	119
8	3,800	30	6,760	2	500	2,815	2,100	190	525		16,888	16,348	540	44,800	120
388	197,057	3	1,404			260,237	9,760	5,716	244,761		4,303,182	4,275,330	27,852	5,221,839	121
141	125,470					46,171	11,720	1,705	32,746		4,319,812	4,316,377	3,435	4,769,760	122
140	77,068	28	6,636	8	1,608	58,991	2,166	2,087	54,738		802,861	782,213	20,648	1,170,568	123
28	16,410			1	300	3,078	1,511	117	1,450		39,529	38,394	1,135	80,320	124
6	4,540					672	600	14	58		3,684	3,684		17,000	125
31	25,644	14	9,208	1	208	7,281	3,140	194	3,947		13,878	11,263	2,615	92,937	126
597	369,221	9	1,910	5	950	219,767	55,485	9,233	155,049		10,405,287	10,171,180	234,107	11,177,181	127
11	8,502	2	780			8,030	2,196	30	5,804		11,667	11,435	232	41,389	128
1	250					339	266	4	69		501	500	1	3,100	129
1,053	658,439	324	69,474	118	32,156	164,774	55,354	2,698	106,622	100	3,089,238	3,043,235	46,003	4,584,245	130
843	313,807	127	35,078	7	1,120	227,838	28,226	2,369	196,043	1,200	541,619	540,879	740	1,365,790	131
28	15,720					4,994	4,086	131	477	300	16,205	10,968	5,237	85,620	132
95	47,194	18	6,907	28	7,780	15,333	4,650	278	10,405		102,106	101,206	900	235,100	133
20	13,001	13	4,112			5,889	3,000	241	2,648		21,473	20,221	1,252	65,095	134
13	8,000					2,495	1,410	15	370	700	5,450	5,450		21,200	135
4	3,000	2	874			2,629	2,340	14	275		9,060	9,060		18,350	136

TABLE 8.—MANUFACTURES IN CITIES

SAN FRANCISCO—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
137	Upholstering materials	5	$21,850			$4,650	$17,200	8	3	$2,700	26	$5,904
138	Varnish	3	148,500	$42,000	$21,000	11,000	74,500	1	6	7,860	14	7,316
139	Watch, clock, and jewelry repairing	124	75,912			36,447	39,465	136	2	547	97	55,682
140	Window shades	10	17,660	1,000	500	4,060	12,100	14	1	720	26	14,866
141	Wirework, including wire rope and cable.	13	355,098			128,152	226,946	13	29	24,170	192	110,371
142	Wood, turned and carved	15	17,715			10,415	7,300	16			26	14,324
143	Wool scouring	6	329,668	40,000	20,000	74,600	195,068	1	9	11,440	230	107,167
144	All other industries[1]	105	11,158,275	1,582,165	1,096,074	2,520,004	5,960,032	94	256	354,642	4,602	2,785,722

[1] Embraces agricultural implements, 2; artificial feathers and flowers, 2; artificial limbs, 2; artists' materials, 1; bags, paper, 2; belting and hose, rubber, 1; bicycles and tricycles, 2; blacking, 1; boot and shoe cut stock, 1; buttons, 2; calcium lights, 1; card cutting and designing, 1; cars and general shop construction and repairs by steam railroad companies, 1; cars, street railroad, not including operations of railroad companies, 2; china decorating, 2; chocolate and cocoa products, 1; cleansing and polishing preparations, 2; clothing, men's, factory product, buttonholes, 1; cordage and twine, 1; cordials and sirups, 1; cork, cutting, 1; dentists' materials, 1; drug grinding, 1; enameling and enameled goods, 1; fancy articles, not elsewhere specified, 2; fertilizers, 2; files, 2; firearms, 1; fireworks, 1; flags and banners, 1; foundry supplies, 1; furs, dressed, 1; gas machines and meters, 1; glass, 1; glue, 2; gold and silver, leaf and foil, 1; hand knit goods, 2; hardware, 2; house furnishing goods, not elsewhere specified, 2; ink, printing, 2; iron and steel, 1; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel,

SAN JOSE.

1	All industries	349	$3,534,136	$423,643	$765,564	$960,511	$1,384,418	387	271	$185,958	1,802	$853,048
2	Bicycle and tricycle repairing	12	18,325			4,850	13,475	12			17	7,938
3	Blacksmithing and wheelwrighting	33	43,170	17,600	7,050	7,355	11,165	35	1	1,050	36	20,093
4	Boots and shoes, custom work and repairing.	23	7,275			3,770	3,505	28	1	900	12	4,916
5	Bottling	4	12,770	4,600	3,550	1,525	3,095	4			8	5,630
6	Boxes, wooden packing	3	22,700	5,000	3,500	3,700	10,500	2	3	3,300	24	8,298
7	Bread and other bakery products	15	33,440	3,400	2,600	17,975	9,465	15	28	12,306	42	26,530
8	Brick and tile	4	351,717	73,643	149,753	25,082	103,239	2	19	15,000	155	70,767
9	Carpentering	13	10,255	1,000	1,250	2,980	5,025	13	1	1,200	58	40,826
10	Carriages and wagons	6	20,250		3,000	3,350	13,900	6	2	1,500	30	15,155
11	Clothing, men's, custom work and repairing.	18	30,399			3,011	27,388	17	3	4,840	83	41,316
12	Clothing, women's, dressmaking	6	2,505			1,030	1,475	9			32	5,500
13	Confectionery	9	23,225			7,950	15,275	12	22	3,773	18	6,930
14	Dyeing and cleaning	3	2,520	1,000	400	1,025	95	3	5	1,815	5	2,360
15	Foundry and machine shop products	12	168,390	29,000	8,900	74,060	56,430	16	13	9,900	110	61,756
16	Furniture, cabinetmaking, repairing, and upholstering.	5	4,695	1,400	250	1,050	1,995	6	1	125	3	1,653
17	Liquors, malt	3	574,708	68,500	305,600	125,625	74,983	2	5	9,199	83	62,269
18	Liquors, vinous	3	158,436	8,000	34,786	30,250	85,400	1	5	6,100	12	5,478
19	Lock and gun smithing	5	8,215	5,000	1,000	1,850	365	7				
20	Looking-glass and picture frames	3	10,785			485	10,300	3	6	972	4	2,358
21	Marble and stone work	4	28,150	8,700	1,750	2,250	15,450	6	2	900	10	8,780
22	Masonry, brick and stone	3	6,000	2,000	2,000	1,000	1,000	3			17	9,000
23	Millinery, custom work	11	36,555			5,165	31,390	12	29	8,460	47	11,834
24	Mineral and soda waters	3	11,450	5,000	1,050	4,300	1,100	6	2	665	4	1,760
25	Painting, house, sign, etc	19	17,990	800	200	2,875	14,115	20			42	23,840
26	Photography	8	10,425		700	3,200	6,525	8	4	1,078	9	2,798
27	Plumbing, and gas and steam fitting	9	25,654	3,500	2,000	5,063	15,091	13	6	3,880	41	27,343
28	Printing and publishing, book and job	15	98,895			89,075	9,820	18	4	5,020	50	22,482
29	Printing and publishing, newspapers and periodicals.	9	153,000			70,700	82,300	7	58	39,969	83	45,603
30	Saddlery and harness	13	39,725	500	1,500	3,170	34,555	15	2	1,500	34	16,885
31	Tinsmithing, coppersmithing, and sheet-iron working.	4	43,000			7,500	35,500	4	10	6,396	35	21,632
32	Tobacco, cigars and cigarettes	5	26,540			3,000	23,540	5	4	1,800	31	18,153
33	Watch, clock, and jewelry repairing	15	14,945			8,000	6,945	16	1	450	19	11,704
34	Windmills	3	1,150		150	550	450	3			9	2,960
35	All other industries[1]	48	1,516,877	185,000	234,575	437,740	659,562	58	34	43,860	639	238,501

[1] Embraces awnings, tents, and sails, 1; baskets and rattan and willow ware, 1; bookbinding and blank book making, 2; brass castings and brass finishing, 1; brooms and brushes, 2; cheese and butter, urban dairy products, 1; chemicals, 1; clothing, women's, factory product, 1; coffee and spice, roasting and grinding, 2; cooperage, 1; electrical apparatus and supplies, 1; engraving and diesinking, 1; flouring and grist mill products, 2; food preparations, 2; fruits and vegetables, canning and preserving, 2; furniture, factory product, 2; gas, illuminating and heating, 1; gloves and mittens, 2; hand stamps, 1; hardware, saddlery, 2; leather,

BY SPECIFIED INDUSTRIES: 1900—Continued.

SAN FRANCISCO—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
14	$2,820	10	$2,796	2	$288	$3,225	$2,155	$95	$475	$500	$15,272	$14,752	$520	$38,400	137
14	7,316					4,850	120	380	4,350		88,900	88,185	715	130,805	138
59	53,478	2	408	6	1,796	34,995	29,281	414	3,398	1,902	60,325	59,554	771	251,542	139
20	12,927	5	1,739	1	200	3,466	3,069	177	220		86,780	86,220	560	122,556	140
187	109,111			5	1,260	21,050	10,205	649	9,196	1,000	464,845	459,755	5,090	808,884	141
24	13,764	1	300	1	260	3,886	2,691	45	450	700	10,891	9,559	1,332	46,530	142
189	93,375	41	13,792			45,276	9,920	14,862	20,494		53,354	42,974	10,380	293,200	143
4,230	2,688,945	234	72,462	138	24,315	720,093	61,447	36,127	368,629	253,890	7,330,626	7,024,341	306,285	12,192,711	144

doors and shutters, 1; iron and steel, forgings, 2; japanning, 1; jewelry and instrument cases, 1; labels and tags, 1; lamps and reflectors, 2; lapidary work, 1; lasts, 2; lime and cement, 2; matches, 2; oakum, 1; paper goods, not elsewhere specified, 1; pens, gold, 1; photographic apparatus, 1; plumbers' supplies, 2; pottery, terra cotta, and fire-clay products, 1; printing materials, 1; rice, cleaning and polishing, 1; salt, 2; scales and balances, 2; sewing machine repairing, 1; shipbuilding, iron and steel, 2; shoddy, 1; smelting and refining, not from the ore, 2; sporting goods, 1; springs, steel, car and carriage, 1; stationery goods, not elsewhere specified, 1; steam fittings and heating apparatus, 2; tobacco, chewing, smoking, and snuff, 1; toys and games, 1; vault lights and ventilators, 1; vinegar and cider, 1; wood, preserving, 2; woolen goods, 1.

SAN JOSE.

1,243	$695,106	532	$153,236	27	$4,706	$351,131	$81,953	$18,470	$239,906	$10,802	$2,447,365	$2,374,571	$72,794	$4,584,072	1
16	7,688			1	250	3,344	1,886	124	1,334		9,753	9,594	159	27,110	2
34	19,673			2	420	6,517	4,143	368	2,002	4	23,966	21,909	2,057	81,335	3
11	4,754	1	162			3,375	2,614	67	694		9,869	9,834	35	31,564	4
8	5,630					1,812	10	100	1,702		23,712	23,622	90	38,109	5
23	8,128	1	170			2,043	400	279	1,364		251,620	251,246	374	268,044	6
40	26,090	2	440			9,021	4,602	255	4,164		70,284	66,292	3,992	155,516	7
155	70,767					20,419	1,900	915	17,604		45,012	17,385	27,627	196,797	8
58	40,826					10,225	820	75	330	9,000	143,550	143,470	80	217,240	9
30	15,155					4,575	3,258	146	1,071	100	20,476	19,880	596	51,920	10
54	31,039	29	10,277			8,601	5,274	677	2,650		50,788	50,646	142	142,646	11
		32	5,500			1,120	1,010		110		4,510	4,510		14,600	12
14	6,065	2	740	2	125	6,073	4,416	173	1,484		22,242	21,291	951	63,854	13
4	2,060	1	300			1,247	324	37	886		1,164	455	709	10,800	14
110	61,756					10,094	3,714	760	5,620		132,519	127,429	5,090	289,733	15
2	1,060	1	593			864	542	10	232	80	4,083	4,048	35	11,340	16
77	59,549	5	2,720			113,302		2,408	110,894		61,084	50,664	10,420	262,744	17
12	5,478					9,035	480	615	7,940		24,171	23,071	1,100	51,772	18
						928	720	93	115		1,732	1,640	92	6,665	19
3	2,208	1	150			1,615	1,310	59	246		4,806	4,806		14,400	20
10	8,780					1,777	420	47	707	603	7,208	7,168	40	33,169	21
17	9,000					152	87	55	10		19,635	19,635		37,150	22
1	1,700	46	10,134			10,750	8,280	212	2,258		50,916	50,866	50	97,372	23
3	1,510			1	250	953	86	59	808		1,399	1,349	50	5,850	24
39	23,310	1	240	2	290	4,140	3,393	159	588		29,119	29,083	36	73,060	25
3	1,307	6	1,491			2,634	2,200	53	381		6,718	6,682	36	23,800	26
41	27,343					5,508	2,230	235	2,893	150	33,934	33,456	478	96,271	27
37	19,017	12	3,255	1	210	8,073	3,133	432	4,508		20,869	19,185	1,684	77,500	28
54	36,514	28	8,881	1	208	12,138	3,805	384	7,284	665	28,234	25,567	2,667	151,253	29
33	16,705			1	180	3,637	2,756	201	680		23,705	23,700	5	55,483	30
35	21,632					9,372	3,960	381	5,031		76,517	75,994	523	134,670	31
23	15,860	3	720	5	1,573	7,428	1,500	169	5,759		24,587	24,472	115	56,365	32
19	11,704					4,923	3,741	227	755	200	14,755	14,598	157	40,400	33
9	2,960					481	384	22	75		13,460	13,460		21,200	34
268	129,838	360	107,463	11	1,200	64,955	8,555	8,673	47,727		1,190,968	1,177,564	13,404	1,744,340	35

tanned, curried, and finished, 1; lumber and timber products, 1; lumber, planing mill products, including sash, doors, and blinds, 2; mattresses and spring beds, 2; paints, 1; paving and paving materials, 1; plastering and stuccowork, 1; sausage, 1; ship and boat building, wooden, 1; slaughtering and meat packing, wholesale, 2; slaughtering, wholesale, not including meat packing, 1; soap and candles, 1; stationery goods, not elsewhere specified, 1; wirework, including wire rope and cable, 2; woolen goods, 1.

TABLE 9.—MANUFACTURES IN CITIES AND

	Cities and towns.	Number of establishments.	Capital.					Proprietors and firm members.	Salaried officials, clerks, etc.		Average number of wage-earners and total wages.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	Total for cities and towns	1,215	$12,945,221	$1,632,359	$1,653,564	$3,230,774	$6,428,524	1,360	465	$451,655	6,034	$3,015,869
2	Fresno	159	1,648,138	126,946	272,747	394,033	854,412	192	104	101,021	1,009	513,064
3	Napa	76	1,054,634	62,075	159,740	260,765	572,054	85	31	23,030	534	203,857
4	Petaluma	86	712,003	70,161	87,021	122,526	432,295	92	19	15,108	366	155,332
5	San Diego	208	1,147,712	202,895	145,862	427,251	371,704	230	57	47,703	574	281,786
6	Santa Clara	36	613,510	39,100	51,150	67,515	455,745	38	22	28,240	248	146,099
7	Santa Cruz	84	1,456,753	246,200	135,600	317,068	757,885	85	34	41,161	490	262,187
8	Santa Rosa	139	765,547	75,800	85,275	212,260	392,212	153	13	12,486	657	260,667
9	Stockton	291	4,810,253	709,627	626,294	1,193,747	2,280,585	335	164	165,762	1,649	944,734
10	Tulare	29	79,075	5,675	9,600	40,525	23,275	31	3	1,800	38	16,260
11	Vallejo	64	446,696	66,980	45,175	132,259	202,282	67	13	10,720	233	134,994
12	Visalia	43	210,900	26,900	35,100	62,825	86,075	52	5	4,624	236	96,889

TOWNS UNDER 20,000 IN POPULATION: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
4,605	$2,642,583	1,342	$359,198	87	$14,088	$1,100,915	$196,093	$84,495	$709,418	$110,909	$11,229,602	$11,019,437	$210,165	$18,733,611	1
687	424,578	305	84,285	17	4,201	136,761	34,020	15,771	86,121	849	1,903,800	1,862,165	41,635	3,238,217	2
359	161,855	153	38,452	22	3,550	86,688	10,373	6,545	69,770	----------	795,285	779,281	16,004	1,245,105	3
265	131,348	96	23,605	5	379	59,014	8,996	2,595	32,097	15,326	516,814	506,718	10,096	971,670	4
458	251,987	114	29,362	2	437	132,568	36,681	6,515	67,228	22,144	556,787	530,547	26,240	1,309,321	5
222	140,701	20	4,666	6	732	26,586	3,975	2,303	20,308	----------	330,155	327,629	2,526	712,421	6
471	257,284	17	4,603	2	300	149,035	13,290	7,593	115,952	12,200	873,438	862,607	10,831	1,648,483	7
390	192,542	267	68,125	----------	----------	98,781	22,491	4,389	51,017	20,884	902,579	887,414	15,165	1,521,343	8
1,443	891,553	178	49,422	28	3,759	332,047	46,226	32,732	215,613	37,476	4,515,356	4,446,860	68,496	6,659,916	9
30	14,325	8	1,680	2	255	4,943	1,800	668	2,475	----------	67,380	64,602	2,778	118,862	10
174	118,009	56	16,510	3	475	48,869	13,093	3,798	31,978	----------	419,569	409,488	10,081	736,629	11
106	58,401	130	38,488	----------	----------	25,623	5,148	1,586	16,859	2,030	348,439	342,126	6,313	571,644	12

COLORADO.

Colorado was organized as a territory in 1861 out of parts of Utah, New Mexico, Kansas, and Nebraska; and the Ninth Census (1870) was the first census in which the statistics for manufactures were published separately.

Table 1 shows the manufacturing and mechanical industries of the state as returned at the censuses of 1870 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1870 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.				PER CENT OF INCREASE.		
	1900	1890	1880	1870	1890 to 1900	1880 to 1890	1870 to 1880
Number of establishments	3,570	1,518	599	256	135.2	153.4	134.0
Capital	$62,825,472	$26,651,840	$4,311,714	$2,835,605	135.7	518.1	52.1
Salaried officials, clerks, etc., number	2,052	[1] 2,051	(2)	(2)	(3)		
Salaries	$2,272,480	[1] $2,413,329	(2)	(2)	[4] 5.8		
Wage-earners, average number	24,725	15,016	5,074	876	64.7	195.9	479.2
Total wages	$15,146,667	$9,872,405	$2,314,427	$528,221	53.4	326.6	338.2
Men, 16 years and over	22,588	13,521	4,652	874	67.1	190.6	432.3
Wages	$14,425,442	$9,309,281	(2)	(2)	55.0		
Women, 16 years and over	1,894	1,223	266	2	54.9	359.8	13,200.0
Wages	$671,539	$512,263	(2)	(2)	31.1		
Children, under 16 years	243	272	156		[4] 10.7	74.4	
Wages	$49,686	$50,861	(2)		[4] 2.3		
Miscellaneous expenses	$4,169,635	$1,948,025	(5)	(5)	114.0		
Cost of materials used	$66,886,016	$20,848,516	$8,806,762	$1,593,280	220.8	136.7	452.7
Value of products, including custom work and repairing	$102,830,137	$42,480,205	$14,260,159	$2,852,820	142.1	197.9	399.9
Total population	[6] 538,555	412,198	194,327	39,864	30.7	112.1	387.5
Wage-earners engaged in manufactures	24,725	15,016	5,074	876	64.7	195.9	479.2
Per cent of total population	4.6	3.6	2.6	2.2			
Assessed value of real estate	[7] $172,860,636	$155,383,090	$35,604,197	$8,840,811	11.2	336.4	302.7
Value of land and buildings invested in manufactures [8]	$21,773,742	$6,694,201	(2)	(2)	225.3		
Per cent of assessed value	12.6	4.3					

[1] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[2] Not reported separately.
[3] Less than one-tenth of 1 per cent.
[4] Decrease.
[5] Not reported.
[6] Exclusive of 1,145 Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[7] As given in the Biennial Report of the Auditor of the State of Colorado, December 1, 1898, to November 30, 1900, page 142.
[8] Does not include the value of rented property.

Colorado is essentially a mining state, with stock raising and agriculture ranking next in importance. Only 4.6 per cent of the population is reported as wage-earners in manufacturing establishments. Table 1 indicates, however, that there was a steady increase in the manufacturing industries of the state during the thirty years ending with 1900. The total population of the state in 1870 was 39,864, and in 1900, 538,555, an increase of 498,691. The average number of wage-earners employed in manufacturing establishments has increased from 876 in 1870 to 24,725 in 1900, embracing, in 1900, 4.6 per cent of the entire population. The greatest number of wage-earners employed in manufactures at any one time during the year was 34,834, or 6.5 per cent of the total population, and this percentage is a more accurate indication of the proportion so employed.

The apparent rapid increase during the last decade is very largely due to the inclusion of the smelting and refining industry as a form of manufacturing in 1900. At the censuses of 1880 and 1890 this industry was treated as a branch of mining. In 1870, the report on manufactures included 15 establishments, with a product valued at $769,324, engaged in milling quartz, an industry not included in these reports since that time. If, for purposes of comparison, the product of copper and lead smelting and refining be deducted from the total for 1900, the product for the state will amount to $58,204,832, or an increase of 37 per cent during the last decade.

The situation of Colorado in the center of the states of the Rocky Mountain region has been favorable to the growth of its manufactures. The city of Denver is the great railroad and distributing center for these states, and this has materially assisted in the development of industries producing supplies to meet the demand of the district. In the case of all articles where freight charges are an important element of the cost, local manufacturers have been further favored as against their eastern competitors, by the distance of Colorado from the older manufacturing states of the country, and the absence of water communication. The state has also abundant fuel for use in manufactures, ranking ninth in the country in the production of coal in 1899.[1]

[1] Production of Coal in 1899, page 38. (Extract from the Annual Report of the Geological Survey, 1899–1900, Part VI.)

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and are therefore omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	3,865	$62,937,351	3,974	24,769	$15,150,767	$4,194,858	$66,917,323	$44,354,396	$18,666,091	$3,896,836	$102,917,750
Hand trades[1]	1,778	3,310,193	1,979	4,777	3,096,888	863,289	4,706,547	43,233	4,459,484	203,830	11,190,642
Penal institutions	3	1,350					3,495		3,495		8,125
Establishments with a product of less than $500	292	110,529	307	44	4,100	25,223	27,812	1,229	26,544	39	79,488
All other establishments	1,792	59,515,279	1,688	19,948	12,049,779	3,306,346	62,179,469	44,309,934	14,176,568	3,692,967	91,639,495

[1] Includes bicycle and tricycle repairing, 127; blacksmithing and wheelwrighting, 346; boots and shoes, custom work and repairing, 224; carpentering, 174; clothing, men's, custom work and repairing, 219; clothing, women's, dressmaking, 75; dyeing and cleaning, 24; furniture, cabinetmaking, repairing, and upholstering, 35; lock and gun smithing, 19; masonry, brick and stone, 34; millinery, custom work, 108; painting, house, sign, etc., 100; paper hanging, 10; plastering and stuccowork, 16; plumbing, and gas and steam fitting, 108; sewing machine repairing, 4; taxidermy, 11; typewriter repairing, 4; watch, clock, and jewelry repairing, 140.

Of the 3,865 establishments of all classes, shown in Table 2, 2,070, or 53.6 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the product for these establishments, consisting principally of the sums received for custom work and repairing, amounted to $11,270,130, or only 11 per cent of the total products of the state.

In addition to the 3,865 active establishments in the state during the census year, with a capital of $62,937,351, shown in Table 2, there were 13 idle establishments, with a capital of $1,721,775, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.
Brick and tile	2	$15,450
Coke	3	17,900
Flouring and grist mill products	3	103,550
Paper	1	1,575,000
All other industries	4	9,875

TABLE 3.—COMPARATIVE SUMMARY OF EIGHT LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Total for selected industries for state	1900	633	$17,987,096	8,261	$5,003,651	$1,781,701	$12,339,684	$23,664,719
	1890	403	10,784,747	5,256	3,553,979	841,160	8,769,691	16,064,081
Increase, 1890 to 1900		230	7,202,349	3,005	1,449,672	940,551	3,569,993	7,600,638
Per cent of increase		57.1	66.8	57.2	40.8	111.8	40.7	47.3
Per cent of total of all industries in state	1900	17.7	28.6	33.4	33.0	42.7	18.4	23.0
	1890	26.5	40.5	35.0	36.0	43.2	42.1	37.8
Cars and general shop construction and repairs by steam railroad companies.	1900	29	1,681,860	2,687	1,676,500	38,863	1,278,299	3,141,602
	1890	10	1,551,311	1,366	1,023,809		894,090	1,965,696
Coke	1900	9	928,874	406	226,454	38,446	527,558	1,213,561
	1890	7	594,393	247	161,665	1,360	408,183	673,479
Flouring and grist mill products	1900	60	2,040,774	278	169,358	131,790	3,842,194	4,528,062
	1890	33	2,135,085	246	149,554	126,540	3,155,919	3,898,166
Foundry and machine shop products	1900	77	2,853,181	1,823	1,125,432	234,926	1,647,102	3,986,915
	1890	31	1,823,691	751	588,021	84,193	705,030	1,792,619
Liquors, malt	1900	14	5,682,204	323	256,764	835,518	375,893	2,042,863
	1890	11	1,917,050	236	214,407	252,024	555,149	1,601,168
Lumber and timber products	1900	159	972,098	732	331,038	27,322	854,454	1,627,605
	1890	120	941,561	1,156	392,010	64,597	647,058	1,363,749
Printing and publishing	1900	278	2,566,030	1,800	1,078,595	430,871	785,099	3,561,754
	1890	187	1,481,506	1,177	968,689	282,806	579,013	2,641,174
Slaughtering and meat packing, wholesale	1900	7	1,262,075	212	139,510	43,965	3,029,085	3,562,357
	1890	4	340,150	77	55,824	29,640	1,825,249	2,128,030

The 8 leading industries of the state in 1900, as shown in Table 3, embraced 633 establishments, or 17.7 per cent of the total number in the state; used a capital of $17,987,096, or 28.6 per cent of the total; gave employment to 8,261 wage-earners, or 33.4 per cent of the total number; and paid $5,003,651, or 33 per cent of the total wages. The value of their products was $23,664,719, or 23 per cent of the total. In all particulars the totals for these leading industries constituted a smaller per cent of the totals of the state in 1900 than in 1890. This is due to the inclusion of smelting and refining in 1900, and to the increase in the manufacture of iron and steel and in the less important industries. The smelting and refining of copper and lead was treated as a branch of mining in 1890, and comparative statistics are not available. This industry gave employment to 3,726 wage-earners in 1900, and was the most important in the state according to the value of its products, $44,625,305. This product includes gold and silver as well as copper and lead, and the value of the precious metals forms the greater part of the total value reported.

The 3 establishments engaged in the smelting of copper ore reported the fine copper contents of mattes as amounting to 21,212,797 pounds, valued at $1,993,791. The product of silver amounted to 728,334 fine ounces, valued at $428,493, and of gold to 71,396 fine ounces, valued at $1,470,750. The smelting of lead was confined to argentiferous ores, and the lead contents of the base bullion amounted to 219,304,385 pounds, valued at $8,613,296. The silver product of the lead smelters amounted to 24,464,621 fine ounces, valued at $14,680,889, and the gold to 760,240 fine ounces, valued at $15,194,872. The product of the refining and desilverizing of the hard or antimonial lead amounted to 1,402,948 pounds, valued at $59,156, and of all other lead, including Doré bars, amounted to 42,723,944 pounds, valued at $1,822,735. The contents of the precious metals contained in Doré bars amounted to 5,769,336 fine ounces of silver, valued at $3,429,993, and of gold to 234,763 fine ounces, valued at $4,852,376. "Dry ores" of the precious metals are now usually smelted in combination with lead ores, for it has been found that they can be treated more economically in this way than in any other. The abundant lead ores of the state, nearly one-third of the country's production in 1899,[1] are used for this purpose, but the state's production of ores of the precious metals is so great—surpassing that of any other state in the country[2]—that it has been necessary to bring in large quantities of lead ores from other mining states to assist in smelting ores of gold and silver, as well as to make use of the fuel of the state. Colorado has thus become the great smelting state of the country, the value of the product of its lead smelters and refineries constituting 23.2 per cent of the value of the product of the United States.

The manufacture of iron and steel stands next in importance to the smelting of ores. There were only two establishments reported for the industry in 1890, and the statistics were included in the group of "All other industries;" therefore, comparative data can not be given. This industry gave employment to 1,414 wage-earners during 1900, and the finished products were valued at $6,108,295. These products included 112,843 tons of pig iron, 129,133 tons of Bessemer steel ingots, 84,670 tons of steel rails, and 25,882 tons of iron and steel bars and rods. The importance of the iron and steel industry in Colorado is due largely to the abundant local supply of raw materials. The coal production of the state in 1899—4,776,224 short tons—exceeded that of any other state west of the Mississippi, with the exception of Iowa, while the production of iron ore during the same year, 307,557 long tons, was three times the combined production of all the other states west of the Mississippi with the exception of Minnesota.[3] The further manipulation of iron and steel in the foundry and machine shops of the state constitutes an industry which gave employment to 1,823 wage-earners in 1900, and whose product was valued at $3,986,915. This industry is affected very considerably by the extensive mining operations of the state, for a large part of the work in these machine shops is the manufacture of mining machinery. Many establishments make this a specialty, and their machines are used in mines in all parts of the United States and even in foreign countries. Allied also to the preceding industries is the construction and repair shop work of steam railroads. This industry, with 2,687 wage-earners and a product valued at $3,141,602, reflects the great railroad interests of the state.

The manufacture of coke, made possible by the large coal production of the state, has been further stimulated by the demand for this product for smelting purposes. During the year 1899, 503,543 short tons of coke were manufactured, and the entire product was valued at $1,213,561. The manufacture of malt liquors, with 323 wage-earners and a product valued at $2,042,863, and the flour-milling industry, with 278 wage-earners and a product valued at $4,528,062, have both been stimulated by the increasing production of cereals within the state. The wheat crop for 1900 exceeded 7,000,000 bushels, while the crop for 1890 was less than 3,000,000 bushels.[4]

The importance of the slaughtering and meat-packing industry, with 212 wage-earners and a product valued at $3,562,357, reflects the position of Denver as the stock market for the great stock-raising region of the Rocky Mountains. Cattle are received from all the states of this region, and Colorado reported over 1,000,000 cattle of its own in 1899.[5] In addition to these leading industries attention is called to 2 others, fruit canning and the manufacture of beet sugar, which are included only in Table 6. Fruit canning gave employment to 206 wage-earners in 1900, and had a product valued at $343,394. The industry

[1] Production of Lead in 1899, page 9. (Extract from the Annual Report of the Geological Survey, 1899–1900, Part VI.)

[2] Production of Gold and Silver in 1899, page 127. (Extract from the Annual Report of the Geological Survey, 1899–1900, Part VI.)

[3] The Production of Coal in 1899, page 38, and the Production of Iron Ore in 1899, page 8. (Extracts from the Annual Report of the Geological Survey, 1899–1900, Part VI.)

[4] Year book of the Department of Agriculture, 1900, page 767, and Abstract of the Eleventh Census, page 114.

[5] Year book of the Department of Agriculture, 1899, page 819

first appears in census reports in 1900, and has been made possible by the increasing success of horticulture in the state as a result of the extensive irrigation of recent years. The manufacture of beet sugar was begun in Colorado in 1899, and although but one establishment was reported for the census year, other new establishments, with greater capacities, stood ready to use the beet crop of 1900 as soon as it was harvested.[1]

[1] Seventh Biennial Report of the Bureau of Labor Statistics, Colorado, 1899–1900, page 383.

It is estimated that the capital has increased fully 60 per cent since the close of the census year, and that the output for 1901 will reach nearly 200,000 long tons.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing industries of the cities of Denver and Pueblo, as returned at the censuses of 1890 and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, DENVER AND PUEBLO, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	Wage-earners.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
The State	1900	3,570	$62,825,472	24,725	$15,146,667	$4,169,635	$66,886,016	$102,830,137
	1890	1,518	26,651,840	15,016	9,872,405	1,948,025	20,848,516	42,480,205
Per cent of increase		135.2	135.7	64.7	53.4	114.0	220.8	142.1
Denver	1900	1,474	30,883,046	10,926	6,824,003	2,409,785	24,572,199	41,368,698
	1890	762	16,811,868	9,283	6,653,585	1,340,868	14,216,549	29,240,747
Per cent of increase		93.4	83.7	17.7	2.6	79.7	72.8	41.5
Pueblo	1900	241	12,374,248	4,911	3,044,280	577,501	22,589,669	30,795,481
	1890	102	1,278,792	937	629,759	92,792	999,966	2,374,631
Per cent of increase		136.3	867.7	424.1	383.4	522.4	2,159.0	1,196.9
Total for the 2 cities	1900	1,715	43,257,294	15,837	9,868,283	2,987,286	47,161,868	72,164,179
	1890	864	18,090,660	10,220	7,283,344	1,433,660	15,216,515	31,615,378
Per cent of increase		98.5	139.1	55.0	35.5	108.4	209.9	128.3
Per cent of 2 cities to total for state	1900	48.0	68.9	64.1	65.2	71.6	70.5	70.2
	1890	56.9	67.9	68.1	73.8	73.6	73.0	74.4

It appears from Table 4 that there has been an increase during the last decade in the manufactures of the 2 principal cities of the state. In certain particulars, however, the increase shown for the city of Denver is only apparent, due to the inclusion of the smelting and refining of ores in 1900, which industries were not included in the manufacturing statistics at the census of 1890. Exclusive of these industries, the value of the products for 1900, as compared with 1890, shows a decrease for Denver of 5.6 per cent, and for the entire state an increase of 37 per cent. Mr. Frank S. Tesch, the chief special agent for Denver, states in explanation of the decrease in Denver, as compared with the increase in the entire state, that 1890 was a year of exceptional prosperity in that city; rents and the value of real estate were high, and there was great activity in building operations. Business depression in subsequent years of the decade seriously affected manufacturing industries, especially the building trades.

There were 1,474 establishments in Denver in 1900, or 41.3 per cent of the entire number located within the state. These establishments had a combined capital amounting to $30,883,046, or 49.2 per cent of all the capital employed in the state. Of the wage-earners, 10,926, or 44.2 per cent of all in the state, were employed in Denver. The total amount of wages paid in the city amounted to $6,824,003, or 45.1 per cent of all wages paid in the state. The value of products, including custom work and repairing, during 1900 was $41,368,698, or 40.2 per cent of the total products of the state, while the combined value of the products of Denver and Pueblo amounted to $72,164,179, or 70.2 per cent of the total products of the state.

The table shows a large increase in the manufacturing industries of the city of Pueblo. This is, however, quite largely due to the inclusion of the lead smelting and refining industry in 1900. Exclusive of this industry, the value of the products for 1900 amounted to $10,965,932 as compared with $2,374,631 in 1890, an increase of 361.8 per cent during the decade. This increase was chiefly in the manufacture of iron and steel.

Table 5 presents the totals for the manufacturing and mechanical industries of the 8 cities and towns withdrawn from the enumerators, and places them in comparison with the totals for the entire state and the state exclusive of these cities and towns.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Total for state	3,570	$62,825,472	3,667	24,725	$15,146,667	$4,169,635	$66,886,016	$102,830,137
Total for urban manufactures	2,325	49,443,404	2,344	19,113	12,037,500	3,512,056	54,528,519	83,667,967
Aspen	53	104,675	50	68	41,939	12,663	87,084	206,447
Colorado Springs	159	1,446,189	180	822	489,337	202,039	798,527	1,840,642
Cripple Creek	127	342,256	137	400	336,591	64,471	714,016	1,417,846
Denver	1,474	30,883,046	1,461	10,926	6,824,003	2,409,785	24,572,199	41,368,698
Leadville	115	3,632,766	119	1,376	854,095	94,829	5,061,979	6,436,680
Pueblo	241	12,374,248	217	4,911	3,044,280	577,501	22,589,669	30,795,481
Trinidad	87	481,451	101	329	202,422	79,961	238,212	679,649
Victor	69	178,773	79	281	244,833	70,807	466,833	922,524
Total for state exclusive of urban manufactures	1,245	13,382,068	1,323	5,612	3,109,167	657,579	12,357,497	19,162,170
Per cent of urban manufactures to total for state	65.1	78.7	63.9	77.3	79.5	84.2	81.5	81.4

Of the 3,570 establishments in the state, 2,325, or 65.1 per cent were located in these 8 cities and towns. They furnished employment to 19,113 wage-earners, or 77.3 per cent of the total number, and the value of their products, $83,667,967, formed 81.4 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Denver and Pueblo by specified industries.

Table 9 shows the totals for the cities and towns withdrawn from the enumerators, exclusive of those shown in Table 8.

Table 6.—MANUFACTURES

[No manufactures reported

	Counties and manufacturing and mechanical industries.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
1	The State	3,570	$62,825,472	$5,796,070	$15,977,672	$21,494,888	$19,556,842	3,667	2,052	$2,272,480	24,725	$15,146,667
2	Arapahoe	1,516	33,556,944	3,185,015	8,541,430	11,079,414	10,751,085	1,498	1,186	1,329,525	11,694	7,177,659
3	Archuleta	5	19,985	335	1,700	16,550	1,400	4	1	225	17	7,567
4	Bent	16	31,200	2,200	6,900	10,175	11,925	19			18	13,136
5	Boulder	137	982,190	147,562	185,830	256,735	392,063	143	37	35,486	443	216,141
6	Chaffee	19	318,726	31,200	122,440	67,371	97,715	24	24	27,829	451	268,351
7	Clear Creek	42	99,880	20,110	13,540	26,500	39,730	50			30	20,022
8	Conejos	13	100,037	6,675	37,100	31,675	24,587	13	9	12,808	96	57,338
9	Costilla	5	84,566	1,100	12,150	12,300	59,016	2	5	5,450	15	9,023
10	Custer	16	32,945	920	11,835	10,975	9,215	21	2	930	13	6,044
11	Delta	28	83,186	4,310	11,975	22,010	44,891	34			28	15,040
12	Dolores	4	18,650	1,300	2,650	12,200	2,500	6	1	320	12	2,555
13	Douglas	16	47,700	20,925	6,875	12,050	7,850	17	4	2,774	45	18,475
14	Eagle	8	28,190	4,060	5,850	7,130	11,150	8	2	2,300	47	27,376
15	Elbert	9	12,890	1,340	5,950	3,880	1,720	9	1	700	6	1,970
16	El Paso	193	1,929,771	398,111	294,888	685,745	551,027	214	126	94,838	1,152	680,877
17	Fremont	57	1,336,900	480,663	168,530	390,343	297,364	62	27	44,168	368	199,538
18	Garfield	34	267,227	5,775	37,187	161,955	62,310	40	5	4,953	105	60,825
19	Gilpin	47	148,042	14,390	16,900	47,947	68,805	57	1	1,400	121	80,841
20	Grand	4	5,275	210	315	2,800	1,950	4			1	125
21	Gunnison	27	152,330	5,210	9,240	107,204	30,676	28	2	2,028	95	49,246
22	Hinsdale	12	24,375	2,100	4,750	9,225	8,300	12			12	6,800
23	Huerfano	20	40,930	3,775	11,940	17,635	7,580	23			14	6,565
24	Jefferson	30	577,250	99,760	155,220	179,675	142,595	22	13	17,767	124	78,630
25	Kit Carson	3	15,195	3,125	7,950	3,525	595	2	1	600	3	1,100
26	Lake	119	4,498,000	136,176	1,236,353	1,942,417	1,183,054	121	64	104,421	1,584	1,026,348
27	La Plata	42	1,508,550	78,382	433,232	602,279	394,657	37	29	42,132	346	224,939
28	Larimer	86	395,932	36,202	85,366	127,180	147,184	98	22	6,020	106	52,357
29	Las Animas	106	1,197,692	62,771	176,440	659,392	299,089	116	42	45,698	690	386,351
30	Logan	11	17,190	2,250	5,950	5,075	3,915	11			7	3,355
31	Mesa	52	620,283	35,900	148,050	381,988	54,345	64	15	20,295	255	142,702
32	Mineral	23	40,507	2,150	7,110	13,457	17,790	25	1	1,200	26	13,380
33	Montezuma	8	97,715	14,175	13,750	42,405	27,385	8	5	4,700	65	37,900
34	Montrose	6	36,794	6,440	1,350	10,335	18,669	6	1	600	23	11,775
35	Morgan	21	16,697	1,185	4,325	5,625	5,562	25	1	400	17	6,496
36	Otero	43	290,460	24,750	90,700	91,457	83,553	42	14	12,635	356	189,672
37	Ouray	10	44,425	950	4,200	3,825	35,450	8	2	2,100	36	29,557
38	Park	22	120,816	40,472	9,115	35,225	36,004	27	7	5,564	93	45,980
39	Phillips	5	15,394	500	10,375	3,080	1,439	4	1	1,200	8	4,855
40	Pitkin	59	138,285	11,325	23,390	45,375	58,195	56	4	2,873	94	55,222
41	Prowers	22	132,896	4,550	16,740	26,270	85,336	22	2	2,100	36	13,945
42	Pueblo	245	12,376,228	754,607	3,807,175	3,878,485	3,935,961	221	320	370,428	4,911	3,044,280
43	Rio Blanco	8	29,438	2,000	4,300	13,088	10,050	8	1	400	9	4,425
44	Rio Grande	17	90,054	3,470	18,800	34,255	33,529	18	3	3,400	69	35,136
45	Routt	20	40,780	3,390	10,335	18,270	8,785	23	2	400	26	13,867
46	Saguache	6	14,150	1,600	3,850	7,450	1,250	6			8	2,400
47	San Juan	9	51,930	1,750	11,800	12,175	26,205	11			24	24,472
48	San Miguel	32	174,785	36,387	22,878	72,570	42,950	34	6	5,200	68	49,428
49	Sedgwick	9	7,875	462	1,500	3,878	2,035	8			3	1,645
50	Summit	12	24,334	675	3,150	10,220	10,289	12	1	72	9	5,305
51	Teller	216	595,085	71,095	70,758	151,573	301,659	243	47	42,756	790	635,697
52	Washington	5	20,022	750	9,500	2,820	6,952	4	1	1,200	8	3,976
53	Weld	86	293,140	19,700	68,335	109,585	95,520	90	12	11,190	124	62,172
54	Yuma	4	11,471	435	2,100	7,305	1,631	4			2	827
55	All other counties [1]	6	10,160	1,400	3,600	2,810	2,350	3	2	1,395	22	12,959

[1] Includes establishments distributed as follows: Cheyenne, 2; Kiowa, 2; Lincoln, 2.

Table 7.—MANUFACTURES BY

1	All industries	3,570	$62,825,472	$5,796,070	$15,977,672	$21,494,888	$19,556,842	3,667	2,052	$2,272,480	24,725	$15,146,667
2	Awnings, tents, and sails	7	102,045			12,461	89,584	8	5	6,040	62	30,983
3	Bicycle and tricycle repairing	127	115,342	1,675	4,250	54,629	54,788	147	8	5,850	97	53,546
4	Blacksmithing and wheelwrighting	346	487,302	111,257	108,578	77,765	189,702	402	2	1,468	303	213,449
5	Bookbinding and blank book making	5	34,350			13,900	20,450	4	7	3,542	23	11,951
6	Boots and shoes, custom work and repairing.	224	90,319	10,290	19,650	24,267	36,112	224			78	43,835
7	Bottling	16	257,411	19,250	126,816	21,223	90,122	12	13	14,999	63	35,100
8	Brass castings and brass finishing	4	31,150	10,000	9,150	7,500	4,500	3	1	1,500	21	12,780
9	Bread and other bakery products	132	551,837	54,990	102,010	214,100	180,737	135	66	47,706	420	236,423
10	Brick and tile	65	525,725	154,225	81,325	139,930	150,245	76	18	18,450	438	237,105
11	Brooms and brushes	5	24,100			10,400	13,700	3	11	3,000	47	20,510

BY COUNTIES: 1900.

from Baca county.]

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
22,588	$14,425,442	1,894	$671,539	243	$49,686	$4,169,635	$701,212	$292,330	$2,659,468	$516,625	$66,886,016	$64,043,306	$2,842,710	$102,830,137	1
10,155	6,625,121	1,407	521,861	132	30,677	2,472,298	439,004	151,312	1,576,984	304,998	27,498,836	26,599,113	899,723	44,985,905	2
17	7,567					515		333	182		26,240	26,040	200	40,248	3
16	12,651	2	485			2,890	560	654	1,676		39,312	38,516	796	75,330	4
358	192,931	60	17,288	25	5,922	76,437	14,149	8,810	53,410	68	798,029	775,184	22,845	1,372,894	5
449	267,551	2	800			11,626	3,002	2,336	5,610	678	317,507	299,522	17,985	634,798	6
28	19,372	2	650			8,170	5,024	1,672	1,474		39,183	37,103	2,080	106,447	7
95	57,038	1	300			1,704	388	974	342		85,490	83,888	1,602	171,147	8
15	9,023					10,855		1,746	9,109		149,479	146,334	3,145	191,136	9
11	5,669	2	375			2,017	168	310	1,539		14,835	14,336	499	35,497	10
24	14,240	4	800			4,592	1,379	1,038	2,175		60,139	57,850	2,289	112,117	11
12	2,555					265		265			12,265	12,265		22,600	12
43	17,985	2	490			2,265	404	196	1,579	86	39,110	38,562	548	96,968	13
46	27,076	1	300			731	120	228	383		15,984	15,767	217	53,494	14
5	1,720	1	250			346	108	105	133		28,008	27,419	589	40,088	15
1,075	658,824	59	19,003	18	3,050	208,858	42,955	13,107	87,912	64,884	957,646	923,769	33,877	2,278,789	16
343	194,124	24	5,279	1	135	39,827	8,524	12,945	18,358		709,884	659,880	50,004	1,156,186	17
102	60,375	3	450			12,968	2,548	632	9,788		139,689	137,133	2,556	357,778	18
117	79,191	4	1,650			14,010	5,802	1,452	5,836	920	114,292	110,215	4,077	293,157	19
1	125					171	90	31	50		931	896	35	2,950	20
90	48,284	4	650	1	312	7,677	1,240	608	5,829		120,436	119,697	739	283,298	21
10	6,010	2	790			1,608	571	224	713	100	12,047	11,852	195	30,242	22
13	6,325	1	240			2,411	604	735	1,072		44,893	44,578	315	78,415	23
116	76,875	3	755	5	1,000	124,542	1,060	4,901	118,581		137,304	121,887	15,417	485,102	24
3	1,100					202		84	118		16,328	15,823	505	21,704	25
1,560	1,015,958	20	10,030	4	360	99,831	23,209	9,680	66,392	550	6,378,031	5,888,695	489,336	8,015,270	26
337	221,974	7	2,700	2	265	55,301	10,924	6,459	37,918		2,034,046	1,981,078	52,968	2,729,428	27
95	50,310	7	1,677	4	370	27,843	4,569	3,647	16,902	2,725	490,536	481,918	8,618	671,709	28
669	381,093	18	4,806	3	452	108,885	11,719	5,699	85,226	6,241	634,914	626,506	8,408	1,528,821	29
6	2,905	1	450			772	344	104	324		5,719	5,454	265	16,697	30
237	139,587	16	2,850	2	265	30,134	3,899	2,126	18,427	5,682	255,880	248,257	7,623	433,502	31
22	13,082			4	298	1,830	714	526	590		23,685	22,933	752	59,708	32
59	35,300	6	2,600			4,173	200	1,179	2,794		148,190	147,155	1,035	232,555	33
22	11,425			1	350	7,690	4,000	285	3,405		67,300	65,525	1,775	102,628	34
17	6,496					1,707	823	184	700		13,182	11,777	1,405	33,748	35
333	186,436	18	2,836	5	400	22,749	3,187	3,817	15,435	310	326,612	313,429	13,183	600,070	36
35	29,317	1	240			3,632	1,811	716	1,105		33,194	31,483	1,711	82,676	37
92	45,680	1	300			2,600	270	783	1,147	400	57,349	55,067	2,282	131,686	38
8	4,855					478	60	269	149		4,790	4,518	272	12,698	39
80	50,084	14	5,138			15,845	5,848	2,169	7,828		107,932	98,587	9,345	261,505	40
31	12,651	5	1,294			4,828	860	759	3,003	206	153,461	150,897	2,564	188,384	41
4,756	3,000,093	127	39,667	28	4,520	577,560	46,480	34,251	430,966	65,863	22,590,396	21,448,805	1,141,591	30,797,781	42
9	4,425					1,371	310	460	601		18,864	18,453	411	35,462	43
68	34,936	1	200			7,763	308	1,758	5,363	334	168,446	165,109	3,337	247,215	44
26	13,867					912	48	353	511		24,180	23,734	446	55,760	45
8	2,400					214		114	100		10,870	10,870		18,516	46
23	24,312			1	160	5,352	1,230	471	3,651		44,589	43,854	735	80,583	47
67	49,178	1	250			11,345	5,260	1,785	4,300		68,115	65,979	2,136	174,345	48
3	1,645					604	271	226	107		16,450	15,970	480	22,734	49
8	4,705	1	600			517	287	200	30		12,315	11,965	350	32,423	50
735	616,433	50	18,404	5	860	138,354	38,431	5,955	31,488	62,480	1,288,256	1,267,816	20,440	2,550,497	51
7	3,826	1	150			580	84	277	219		10,167	9,976	191	17,883	52
107	56,951	15	4,931	2	290	29,104	8,317	3,154	17,533	100	509,695	499,876	9,819	738,964	53
2	827					325		137	188		4,278	4,198	80	7,077	54
22	12,959					351	49	89	213		6,707	5,793	914	23,522	55

SPECIFIED INDUSTRIES: 1900.

22,588	$14,425,442	1,894	$671,539	243	$49,686	$4,169,635	$701,212	$292,330	$2,659,468	$516,625	$66,886,016	$64,043,306	$2,842,710	$102,830,137	1
17	13,794	45	17,189			10,061	4,730	382	4,949		163,642	162,942	700	233,697	2
93	53,036			4	510	34,720	25,411	948	8,361		125,694	122,118	3,576	321,635	3
300	212,957			3	492	38,864	21,798	4,952	11,629	485	297,477	277,760	19,717	939,877	4
9	6,834	11	4,567	3	550	2,060	1,430	63	567		17,318	17,020	298	43,100	5
78	43,835					26,143	21,519	872	3,752		91,957	88,982	2,975	282,081	6
61	34,590			2	510	20,191	1,014	2,347	16,830		161,342	159,922	1,420	292,862	7
20	12,624			1	156	1,681	864	214	603		41,307	39,843	1,464	70,327	8
305	199,121	114	36,974	1	328	94,409	34,566	5,325	54,518		865,100	837,329	27,771	1,606,979	9
435	236,310			3	795	36,838	12,932	2,958	19,328	1,620	86,197	18,470	67,727	497,328	10
45	20,010	1	400	1	100	2,629	1,290	210	1,129		30,085	29,440	645	62,140	11

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
12	Carpentering	174	$487,499	$32,824	$37,425	$68,564	$348,686	212	6	$2,790	968	$694,278
13	Carpets, rag	7	3,039	200	100	1,650	1,089	7			13	5,736
14	Carriages and wagons	48	319,121	62,550	62,600	37,890	156,081	53	11	10,960	191	132,625
15	Cars and general shop construction and repairs by steam railroad companies.	29	1,681,860	277,550	576,572	481,007	346,731		137	148,040	2,687	1,676,500
16	Cheese, butter, and condensed milk, factory product.	38	203,947	12,092	61,625	72,078	58,152	35	18	11,415	80	40,323
17	China decorating	3	2,250			700	1,550	2	2	1,440	4	1,378
18	Clothing, men's, custom work and repairing.	219	374,085	9,300	10,400	29,476	324,909	235	19	18,795	673	416,253
19	Clothing, women's, dressmaking	75	659,898	353,880	154,665	28,987	122,366	79	13	27,500	428	171,441
20	Coke	9	928,874	27,700	95,325	763,382	42,467		19	26,779	406	226,454
21	Confectionery	43	322,202	18,500	17,438	85,234	201,030	45	83	50,698	211	91,047
22	Copper, smelting and refining	3	2,308,309	99,998	623,885	429,238	1,155,188		30	59,765	410	315,958
23	Corsets	3	1,854			704	1,150	2	2	1,010	1	350
24	Dyeing and cleaning	24	10,595		200	7,400	2,995	31			21	11,934
25	Electrical apparatus and supplies	4	77,000			50,000	27,000	3	6	6,000	84	41,720
26	Electrical construction and repairs	9	28,966			5,538	23,428	11	5	4,480	23	16,837
27	Electroplating	4	4,400	200	500	2,900	800	4			8	3,600
28	Flavoring extracts	3	7,775	1,000	3,000	400	3,375	4	3	1,300	4	1,470
29	Flouring and grist mill products	60	2,040,774	193,262	436,966	618,550	791,996	36	92	78,445	278	169,358
30	Food preparations	11	31,205	10,300	7,250	7,405	6,250	16			79	30,211
31	Foundry and machine shop products	77	2,853,181	243,763	456,467	1,021,919	1,131,032	56	120	150,411	1,823	1,125,432
32	Fruits and vegetables, canning and preserving.	7	277,325	28,500	79,500	62,700	106,625	2	18	23,700	206	62,561
33	Fur goods	6	35,275			1,225	34,050	6	1	200	31	13,179
34	Furniture, cabinetmaking, repairing, and upholstering.	35	49,019	1,800	700	9,219	37,300	34	7	7,670	91	50,249
35	Furniture, factory product	4	77,350	3,000	5,150	6,300	62,900	2	7	7,500	51	33,542
36	Gas, illuminating and heating	5	1,773,308	206,000	233,000	1,217,366	116,942		28	27,048	109	54,051
37	Glass, cutting, staining, and ornamenting.	5	26,925			5,100	21,825	3	3	1,145	20	8,900
38	Hairwork	3	953			103	850	3			3	1,250
39	Ice, manufactured	6	664,360	60,721	108,965	465,060	29,614	6	18	21,235	93	53,517
40	Iron and steel	3	2,903,136	69,551	1,072,683	926,518	834,384		92	93,560	1,414	710,742
41	Jewelry	11	36,668			7,040	29,628	9	4	3,915	36	25,315
42	Lead, smelting and refining	8	22,569,715	1,057,264	7,064,040	8,752,414	5,695,997		137	288,119	3,316	2,390,383
43	Lime and cement	8	61,855	34,625	9,780	16,675	775	4	4	4,700	56	28,755
44	Liquors, malt	14	5,682,204	361,700	2,246,102	1,622,500	1,451,902	9	39	78,121	323	256,764
45	Lock and gun smithing	19	17,025	650	1,500	7,875	7,000	26			14	8,486
46	Looking-glass and picture frames	14	22,370			3,270	19,100	12	5	2,000	29	18,290
47	Lumber and timber products	159	972,098	184,136	62,390	377,142	348,430	201	45	38,062	732	331,038
48	Lumber, planing mill products, including sash, doors, and blinds.	32	843,675	224,150	117,375	139,750	362,400	28	44	41,410	433	324,015
49	Marble and stone work	37	395,675	195,500	30,540	47,535	122,100	46	11	12,491	390	270,189
50	Masonry, brick and stone	34	91,150	2,625	4,620	29,280	54,625	42	12	12,980	723	527,186
51	Mattresses and spring beds	8	80,855	5,054	11,000	12,432	52,369	7	8	7,570	70	36,469
52	Millinery, custom work	108	175,341	4,350	11,265	11,564	148,162	120	16	10,998	214	86,346
53	Mineral and soda waters	30	557,068	274,300	126,600	95,960	60,208	28	19	21,753	96	45,871
54	Models and patterns	5	5,900			3,150	2,750	5			14	13,543
55	Monuments and tombstones	17	52,700	13,000	4,050	9,250	26,400	20	2	2,075	29	27,001
56	Optical goods	8	13,150			5,150	8,000	5	1	600	20	11,570
57	Painting, house, sign, etc	100	212,502	6,365	9,085	30,777	166,275	112	36	27,244	483	329,679
58	Paper hanging	10	25,400	1,200	500	2,125	21,575	9	6	1,760	52	30,221
59	Patent medicines and compounds	6	36,046			5,586	30,460	9	22	33,900	32	16,160
60	Paving and paving materials	5	12,900	2,550	1,125	4,575	4,650	4	2	1,920	35	25,943
61	Photography	81	116,005	2,910	9,615	54,725	48,755	39	8	4,706	101	57,578
62	Pickles, preserves, and sauces	7	35,900	3,200	9,800	9,650	13,250	8	9	5,100	32	13,660
63	Plastering and stuccowork	16	7,805	30	20	1,940	5,815	22			45	34,355
64	Plumbing, and gas and steam fitting	108	337,741	12,700	21,550	56,709	246,782	127	28	23,956	443	332,419
65	Pottery, terra cotta, and fire-clay products.	10	855,985	169,559	203,951	130,605	351,870	7	42	59,612	374	215,844
66	Printing and publishing, book and job	66	814,593	100,000	98,500	323,356	292,737	70	72	77,040	497	308,213
67	Printing and publishing, newspapers and periodicals.	212	1,751,437	51,155	93,070	1,009,797	597,415	186	286	262,974	1,303	770,382
68	Roofing and roofing materials	15	59,020	15,425	9,375	15,820	18,400	14	11	6,760	69	31,707
69	Saddlery and harness	89	372,509	21,935	35,575	36,394	278,605	93	31	25,357	192	121,808
70	Sewing machine repairing	4	875	100	100	325	350	2			3	860
71	Shirts	5	15,600			2,550	13,050	4	3	2,412	51	19,264
72	Slaughtering and meat packing, wholesale.	7	1,262,075	149,800	494,000	83,000	535,275	4	37	51,536	212	139,510
73	Slaughtering, wholesale, not including meat packing.	7	118,443	13,000	15,700	21,000	68,743	8	11	9,360	49	31,234
74	Soap and candles	3	205,154	20,000	40,500	81,179	63,475	2	10	16,674	50	25,762
75	Taxidermy	11	19,080	500	1,800	1,105	15,675	16			9	2,800
76	Tinsmithing, coppersmithing, and sheet-iron working.	106	368,900	22,070	51,775	82,055	213,000	104	22	19,852	266	198,210

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
967	$694,153			1	$125	$397,315	$13,349	$2,293	$16,685	$364,988	$1,406,884	$1,404,982	$1,902	$2,976,201	12
11	5,270	2	$466			1,049	692	27	330		2,565	2,450	115	12,044	13
187	131,685	1	240	8	700	19,917	8,599	3,408	6,960	950	148,606	143,438	5,168	419,304	14
2,687	1,676,500					38,863	21,075	13,772	3,468	548	1,278,299	1,242,409	35,890	3,141,602	15
76	39,143	4	1,180			13,912	2,194	1,267	10,133	318	471,003	463,985	7,018	618,281	16
1	960	2	318	1	100	1,348	1,026	5	317		3,193	2,776	417	11,086	17
564	375,577	105	40,145	4	531	109,942	70,440	2,672	21,994	14,836	501,686	494,278	7,408	1,352,104	18
37	21,250	389	149,996	2	195	19,710	11,798	1,689	6,223		171,772	169,958	1,814	514,404	19
406	226,454					38,446		628	37,818		527,558	523,708	3,850	1,213,561	20
99	60,136	108	30,336	4	575	72,518	26,352	2,578	43,588		315,761	309,881	5,880	628,759	21
410	315,958					11,547		6,878	3,991	678	3,385,113	3,161,492	223,621	3,893,034	22
		1	350			1,026	876	10	140		2,002	2,002		5,620	23
14	8,854	7	3,080			7,164	5,845	95	1,224		7,196	5,908	1,288	57,002	24
56	30,120	27	11,200	1	400	8,027	3,510	470	4,047		51,608	49,782	1,826	121,000	25
22	16,603			1	234	6,624	4,005	200	2,419		43,336	42,976	360	91,075	26
8	3,600					809	650	21	138		3,714	2,898	816	11,860	27
2	1,270	2	200			734	125	27	582		7,730	7,673	57	14,200	28
277	168,608	1	750			131,790	7,362	24,257	100,171		3,842,194	3,794,565	47,629	4,528,062	29
73	29,291	6	1,010			3,349	1,018	358	1,973		33,191	31,587	1,604	84,381	30
1,817	1,123,482	3	1,470	3	480	234,926	21,944	13,538	195,894	3,550	1,647,102	1,554,039	93,063	3,986,915	31
66	37,855	116	19,456	24	5,250	14,598	530	1,694	12,374		223,454	219,573	3,881	343,394	32
8	6,050	23	7,129			5,910	3,590	113	2,207		34,881	34,656	225	68,364	33
89	49,329	2	920			10,061	7,859	340	1,812	50	59,823	58,795	1,028	168,680	34
50	33,117	1	425			9,537	2,660	432	5,845	600	89,946	89,330	616	170,055	35
109	54,051					100,136		27,469	72,667		122,839	105,798	17,041	523,497	36
20	8,900					2,149	1,595	34	520		15,898	15,407	491	37,100	37
		3	1,250			2,199	1,736	13	450		5,375	5,300	75	12,250	38
93	53,517					12,611	150	4,308	8,153		31,446	7,692	23,754	204,029	39
1,399	708,322			15	2,420	262,823		8,438	254,385		3,901,345	3,370,154	531,191	6,108,295	40
36	25,315					6,712	4,180	402	1,830	300	34,161	33,207	954	94,502	41
3,316	2,390,383					154,001		32,269	121,732		33,996,975	32,586,224	1,410,751	40,732,271	42
56	28,755					757		473	284		21,430	6,250	15,180	80,485	43
309	253,114			14	3,650	835,518		30,678	804,526	314	375,893	337,528	38,365	2,042,863	44
13	8,336			1	150	4,694	3,642	219	833		8,461	7,499	962	34,977	45
27	17,890	2	400			5,311	3,637	284	1,390		62,482	62,306	176	107,468	46
720	326,628	11	4,230	1	180	27,322	6,891	8,725	11,306	400	854,454	854,454		1,627,605	47
433	324,015					42,133	4,298	7,436	14,799	15,600	531,198	522,205	8,993	1,065,970	48
399	270,189					9,707	2,833	1,592	5,282		208,498	205,458	3,040	653,009	49
723	527,186					35,047	2,999	642	18,571	12,835	647,450	643,861	3,589	1,355,647	50
48	27,133	22	9,336			5,882	1,202	529	4,151		96,824	94,576	2,248	161,391	51
7	3,000	208	83,034	1	312	48,126	35,775	2,172	10,179		287,197	285,301	1,896	558,718	52
89	44,487	2	562	5	822	15,386	4,663	2,341	8,382		136,316	133,332	2,984	344,413	53
14	13,543					1,233	815	38	380		3,571	2,961	610	27,780	54
29	27,001					3,900	1,208	497	1,786	409	35,640	35,088	552	101,520	55
15	10,400	4	1,020	1	150	9,283	4,570	170	4,543		19,691	19,292	399	60,300	56
476	328,375	1	450	6	854	38,412	21,086	2,052	15,274		276,703	275,465	1,238	854,061	57
51	30,013			1	208	4,194	2,926	202	1,066		25,268	25,187	81	79,095	58
17	9,560	15	6,600			19,509	3,378	254	15,877		50,575	50,136	439	124,348	59
35	25,943					1,459	72	112	1,275		36,889	36,579	310	81,905	60
71	45,956	30	11,622			37,382	22,896	1,397	13,089		88,591	86,857	1,734	304,331	61
19	10,680	13	2,980			2,522	670	227	1,625		27,211	25,636	1,575	64,700	62
45	34,355					1,696	456		616	624	29,419	29,195	224	90,147	63
440	331,854			3	565	46,302	22,117	2,478	19,112	2,595	678,235	674,416	3,819	1,252,080	64
371	214,994	1	350	2	500	23,319	720	3,713	18,886		160,852	126,699	34,153	574,060	65
408	270,305	73	34,816	16	3,092	107,272	23,679	5,837	51,321	26,435	277,200	266,335	10,865	1,036,316	66
1,168	730,362	95	33,884	40	6,136	323,599	53,555	10,475	196,714	62,855	507,899	482,335	25,564	2,525,438	67
69	31,707					7,268	1,628	375	5,265		94,887	93,272	1,615	179,295	68
188	121,028	2	515	2	265	34,940	18,278	3,353	13,309		338,156	335,425	2,731	647,633	69
3	860					327	244	15	68		686	675	11	2,920	70
5	3,900	46	15,364			2,215	1,156	109	950		39,870	39,710	160	73,500	71
210	139,010	2	500			43,965	1,515	5,656	36,794		3,029,085	3,013,098	15,987	3,562,357	72
49	31,234					12,419	2,600	1,269	8,550		692,525	690,124	2,401	781,626	73
45	24,450	5	1,312			14,811	1,386	1,305	12,120		170,087	168,004	2,083	241,544	74
6	2,200	3	600			2,516	1,437	170	909		7,090	6,885	205	27,186	75
256	194,620	8	3,200	2	390	48,758	22,573	3,729	19,156	3,300	435,369	430,006	5,363	887,144	76

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
77	Tobacco, cigars and cigarettes	86	$199,656	$27,550	$27,400	$9,465	$135,241	97	23	$19,980	337	$223,316
78	Trunks and valises	6	19,003	500	1,000	250	17,253	4	1	1,500	23	13,838
79	Typewriter repairing	4	1,185			225	960	2	2	300	3	1,836
80	Watch, clock, and jewelry repairing	140	148,030	14,243	7,486	51,891	74,410	137	10	8,600	129	87,715
81	Wirework, including wire rope and cable.	3	49,210			21,160	28,050	1	8	7,600	31	18,500
82	All other industries[1]	103	3,828,903	729,546	660,288	1,334,849	1,104,220	78	154	195,102	1,438	638,054

[1] Embraces agricultural implements, 1; artificial limbs, 2; baking and yeast powders, 1; bicycles and tricycles, 1; billiard tables and materials, 1; boot and shoe uppers, 2; boots and shoes, factory product, 1; boxes, cigar, 2; boxes, fancy and paper, 2; boxes, wooden packing, 1; brassware, 1; bridges, 1; carpets and rugs, other than rag, 1; carriage and wagon materials, 2; cars and general shop construction and repairs by street railroad companies, 1; cars, street railroad, not including operations of railroad companies, 2; charcoal, 1; chemicals, 2; clothing, men's, factory product, 1; clothing, women's, factory product, 2; coffee and spice, roasting and grinding, 2; cooperage, 1; cordials and sirups, 1; cotton goods, 1; druggists' preparations, not including prescriptions, 2; engraving and dlesinking, 1; engraving, steel, including plate printing, 1; engraving, wood, 1; fancy articles, not elsewhere specified, 1; gas machines and meters, 1; glass, 1; gloves and mittens, 1; gold and silver, reducing and refining, not from the ore, 1; grease and tallow, 2; hand stamps, 1; hardware, 1; hats and caps, not including fur hats, and wool hats, 1; ink, printing, 1; ink, writing, 1; instruments, professional and scientific, 2; ironwork, architectural and ornamental, 2; jewelry and

TABLE 8.—MANUFACTURES IN CITIES

DENVER.

1	All industries	1,474	$30,883,046	$2,898,293	$7,924,109	$10,668,624	$9,392,020	1,461	1,139	$1,243,703	10,926	$6,824,003
2	Awnings, tents, and sails	5	72,370			6,786	65,584	5	5	6,040	44	23,666
3	Bicycle and tricycle repairing	69	45,616			27,663	17,953	83	2	1,920	48	28,975
4	Blacksmithing and wheelwrighting	85	104,335	33,800	27,500	14,080	28,955	94	1	1,000	96	75,252
5	Bookbinding and blank book making	4	30,350			11,900	18,450	3	7	3,542	19	11,151
6	Boots and shoes, custom work and repairing.	100	33,029	4,475	7,535	10,970	10,049	101			39	24,612
7	Bottling	7	91,681	8,500	27,616	9,523	46,042	7	7	9,949	39	17,190
8	Brass castings and brass finishing	3	29,500	10,000	9,000	6,500	4,000	2	1	1,500	19	12,000
9	Bread and other bakery products	79	405,292	29,425	53,300	187,020	135,547	76	59	44,027	311	162,968
10	Brick and tile	20	295,250	91,500	32,415	79,510	91,825	22	7	9,000	208	128,099
11	Brooms and brushes	4	23,300			10,000	13,300	2	11	3,000	38	16,730
12	Carpentering	59	150,703	3,850	3,300	20,460	123,093	71	3	2,150	335	244,749
13	Carpets, rag	5	2,769	200	100	1,480	989	5			13	5,736
14	Carriages and wagons	16	114,081	27,200	27,600	7,300	51,981	18	4	3,100	79	56,272
15	Cars and general shop construction and repairs by steam railroad companies.	5	905,147	165,000	247,000	318,468	174,679		69	66,015	1,006	622,551
16	Clothing, men's, custom work and repairing.	100	220,631	3,300	2,500	13,879	200,952	107	16	14,845	448	266,527
17	Clothing, women's, dressmaking	36	650,745	353,200	152,800	25,740	119,005	37	13	27,500	353	150,578
18	Confectionery	23	197,477	15,000	15,500	30,305	136,672	22	52	29,569	128	54,513
19	Dyeing and cleaning	18	5,240			3,400	1,840	24			13	5,860
20	Electrical apparatus and supplies	4	77,000			50,000	27,000	3	6	6,000	84	41,720
21	Electrical construction and repairs	4	6,475			2,925	3,550	4	1	500	11	8,840
22	Electroplating	3	3,000			2,400	600	3			6	3,000
23	Flouring and grist mill products	5	631,600	115,000	135,000	152,500	229,100		25	26,320	98	53,782
24	Food preparations	7	26,240	10,250	6,800	4,160	5,030	9			67	24,085
25	Foundry and machine shop products	45	1,916,622	173,524	286,050	717,199	739,849	33	83	114,149	1,169	722,330
26	Fur goods	4	25,225			725	24,500	4	1	200	25	11,300
27	Furniture, cabinetmaking, repairing, and upholstering.	23	34,870	1,800	700	6,165	26,205	22	6	6,820	74	39,753
28	Furniture, factory product	3	56,850	3,000	5,150	5,800	42,900	2	5	5,500	48	30,842
29	Glass, cutting, staining, and ornamenting.	5	26,925			5,100	21,825	3	3	1,145	20	8,900
30	Hairwork	3	953			103	850	3			3	1,250
31	Jewelry	10	36,168			6,540	29,628	8	4	3,915	36	25,315
32	Liquors, malt	4	4,953,859	323,000	1,945,000	1,435,000	1,250,859	3	21	49,600	206	167,722
33	Lock and gun smithing	11	11,270	650	1,500	4,370	4,750	16			12	7,430
34	Looking-glass and picture frames	11	20,520			2,820	17,700	9	5	2,000	27	16,790
35	Lumber, planing mill products, including sash, doors, and blinds.	10	648,700	199,000	100,200	78,400	271,100	6	25	30,790	301	221,760
36	Marble and stone work	21	204,015	110,000	17,340	35,035	41,640	27	5	8,500	266	213,364
37	Masonry, brick and stone	15	72,735	1,500	3,000	24,035	44,200	19	12	12,980	563	392,278
38	Mattresses and spring beds	5	62,657	5,054	11,000	9,536	37,067	6	4	4,300	56	27,474
39	Millinery, custom work	35	68,022			7,057	60,965	38	7	5,948	104	49,132
40	Mineral and soda waters	6	38,300			29,400	8,900	5	11	8,404	32	16,247
41	Models and patterns	5	5,900			3,150	2,750	5			14	13,543
42	Monuments and tombstones	13	41,800	11,000	2,950	8,450	19,400	16	1	1,200	24	23,231
43	Optical goods	7	10,750			4,750	6,000	4	1	600	19	11,420
44	Painting, house, sign, etc	57	80,480	2,650	1,850	15,585	60,395	60	18	16,592	246	155,660
45	Paper hanging	7	16,325			1,750	14,575	7	2	760	44	25,914
46	Patent medicines and compounds	6	36,046			5,586	30,460	9	22	33,900	32	16,160
47	Photography	28	37,310		200	20,475	16,635	31	6	4,166	64	36,269
48	Pickles, preserves, and sauces	7	35,900	3,200	9,800	9,650	13,250	8	9	5,100	32	13,660
49	Plumbing, and gas and steam fitting	59	120,244	2,550	3,200	28,744	85,750	64	16	15,072	215	142,666
50	Pottery, terra cotta, and fire-clay products.	5	278,590	55,200	37,440	37,150	148,800	6	21	26,692	79	37,385
51	Printing and publishing, book and job	52	604,486	70,000	38,500	262,613	233,373	58	56	59,274	390	251,561

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
290	$203,274	39	$18,864	5	$1,178	$72,523	$11,716	$1,814	$57,558	$1,435	$234,094	$232,688	$1,406	$679,947	77
23	13,838					5,732	1,386	84	4,262		10,661	10,600	61	41,721	78
3	1,836					777	520	22	235		1,380	1,360	20	5,082	79
126	86,579	3	1,136			37,279	24,605	2,186	9,988	500	82,169	79,957	2,212	318,745	80
31	18,500					8,950	1,920	360	6,670		54,480	53,280	1,200	98,200	81
1,038	509,558	337	111,713	63	16,783	259,841	37,446	21,364	200,631	400	2,000,755	1,908,522	92,233	3,581,652	82

instrument cases, 1; kaolin and other earth grinding, 2; lamps and reflectors, 2; lead, bar, pipe, and sheet, 1; leather goods, 1; lithographing and engraving, 2; millinery and lace goods, 1; musical instruments and materials, not specified, 2; musical instruments, organs and materials, 1; musical instruments, pianos and materials, 1; paints, 2; paper and wood pulp, 2; perfumery and cosmetics, 1; petroleum, refining, 2; photographic materials, 2; photolithographing and photo-engraving, 1; plumbers' supplies, 1; printing materials, 1; refrigerators, 2; regalia and society banners and emblems, 1; scales and balances, 2; show cases, 1; smelting and refining, not from the ore, 1; sporting goods, 2; steam fittings and heating apparatus, 2; stereotyping and electrotyping, 2; sugar and molasses, beet, 1; surgical appliances, 2; tobacco, chewing, smoking, and snuff, 2; tools, not elsewhere specified, 1; umbrellas and canes, 1; vinegar and cider, 1; washing machines and clothes wringers, 1; wool scouring, 1.

BY SPECIFIED INDUSTRIES: 1900.

DENVER.

9,561	$6,330,903	1,275	$474,249	90	$18,851	$2,409,785	$435,196	$142,420	$1,527,371	$304,798	$24,572,199	$23,806,530	$765,669	$41,368,698	1
15	12,604	29	11,062			6,558	3,960	301	2,297		126,977	126,469	508	178,097	2
47	28,755			1	220	19,646	15,919	314	3,413		67,741	65,772	1,969	174,042	3
96	75,252					14,848	10,476	975	2,942	455	83,061	78,782	4,279	269,411	4
7	6,634	9	3,967	3	550	1,747	1,190	32	525		15,910	15,720	190	38,100	5
39	24,612					12,837	11,018	263	1,556		40,759	39,576	1,183	125,181	6
38	16,930			1	260	16,741	404	1,853	14,484		115,756	114,924	832	203,285	7
19	12,000					1,463	720	190	553		38,325	36,945	1,380	64,900	8
207	129,911	103	32,729	1	328	71,049	25,292	3,012	42,745		596,343	577,407	18,936	1,132,127	9
206	127,659			2	440	22,370	9,867	1,161	11,342		40,617	9,391	31,226	262,456	10
36	16,230	1	400	1	100	2,401	1,150	176	1,075		22,095	21,450	645	49,120	11
335	244,749					202,271	8,094	497	6,592	187,088	474,001	473,728	273	1,122,315	12
11	5,270	2	466			750	500	27	223		2,093	2,030	63	10,706	13
77	55,772			2	500	7,488	3,460	792	2,686	550	47,716	46,438	1,278	146,894	14
1,006	622,551					28,195	21,000	5,850	797	548	578,623	564,838	13,785	1,295,384	15
387	243,928	59	22,224	2	375	65,565	41,640	1,406	14,703	7,816	301,286	298,463	2,823	807,006	16
36	21,250	316	129,183	1	145	15,290	7,792	1,605	5,893		163,337	162,123	1,214	456,455	17
59	33,608	68	20,760	1	145	35,948	15,836	1,567	18,545		200,163	197,350	2,813	391,807	18
7	3,380	6	2,480			4,944	4,001	90	853		5,908	5,107	801	38,762	19
56	30,120	27	11,200	1	400	8,027	3,510	470	4,047		51,608	49,782	1,826	121,000	20
11	8,840					2,070	1,145	40	885		11,332	11,240	92	29,000	21
6	3,000					775	650	15	110		3,248	2,532	716	10,760	22
97	53,032	1	750			34,039	500	7,341	26,198		1,461,040	1,448,906	12,134	1,701,658	23
61	23,075	6	1,010			2,894	718	358	1,818		28,604	27,224	1,380	69,735	24
1,164	720,530	3	1,470	2	330	171,539	16,787	8,398	143,154	3,200	1,061,920	1,002,416	59,504	2,362,802	25
6	5,300	19	6,000			3,973	2,260	113	1,600		27,185	27,000	185	56,200	26
74	39,753					7,601	6,161	198	1,242		46,027	45,195	832	126,740	27
47	30,417	1	425			4,887	2,360	182	2,345		59,346	58,730	616	122,555	28
20	8,900					2,149	1,595	34	520		15,898	15,407	491	37,100	29
		3	1,250			2,199	1,736	13	450		5,375	5,300	75	12,250	30
36	25,315					6,580	4,060	402	1,818	300	33,511	32,557	954	92,802	31
197	165,072			9	2,650	620,570		22,703	597,867		224,617	201,456	23,161	1,439,956	32
11	7,280			1	150	3,110	2,366	126	618		5,489	4,724	765	23,187	33
25	16,390	2	400			4,986	3,410	246	1,330		59,380	59,240	140	100,798	34
301	221,760					31,070	1,215	4,805	10,350	14,700	377,622	372,489	5,133	734,082	35
266	213,364					5,156	742	1,199	3,215		185,143	182,321	2,822	524,350	36
563	392,278					19,276	1,885	466	16,925		502,099	498,510	3,589	1,002,350	37
38	19,981	18	7,493			4,116	312	379	3,425		68,218	66,064	2,154	120,267	38
5	2,500	99	46,632			24,396	19,173	524	4,699		105,738	104,970	768	242,744	39
29	15,757	1	250	2	240	4,921	2,646	345	1,930		30,868	30,202	666	91,146	40
14	13,543					1,233	815	38	380		3,571	2,961	610	27,780	41
24	23,231					3,275	850	372	1,644	409	28,382	27,850	532	83,370	42
15	10,400	4	1,020			8,405	4,150	150	4,105		18,014	17,640	374	55,800	43
240	154,806			5	854	20,333	11,503	756	8,074		125,668	125,124	544	397,056	44
43	25,706			1	208	3,503	2,426	177	900		19,788	19,743	45	64,295	45
17	9,560	15	6,600			19,509	3,378	254	15,877		50,575	50,136	439	124,348	46
45	28,635	19	7,634			23,026	14,307	656	8,063		49,846	49,445	401	156,390	47
19	10,680	13	2,980			2,522	670	227	1,625		27,211	25,636	1,575	64,700	48
214	142,401			1	265	25,395	12,997	796	9,382	2,220	313,352	311,757	1,595	537,217	49
77	36,885	1	350	1	150	6,990	720	1,625	4,645		14,984	10,281	4,703	89,150	50
327	221,077	54	28,644	9	1,840	92,676	19,253	3,511	45,977	23,935	183,266	174,168	9,098	808,895	51

TABLE 8.—MANUFACTURES IN CITIES

DENVER—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES AND TOWNS.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
52	Printing and publishing, newspapers and periodicals.	65	$878,270	$30,000	$38,320	$504,604	$305,346	50	193	$189,291	649	$430,419
53	Roofing and roofing materials	13	57,720	15,300	8,850	15,420	18,150	13	11	6,760	67	31,107
54	Saddlery and harness	22	149,186	8,000	11,500	13,339	116,347	19	20	15,525	83	53,291
55	Shirts	5	15,600			2,550	13,050	4	8	2,412	51	19,264
56	Slaughtering, wholesale, not including meat packing.	5	68,843	8,000	4,700	18,000	38,143	2	9	6,960	40	25,274
57	Soap and candles	3	205,154	20,000	40,500	81,179	63,475	2	10	16,674	50	25,762
58	Tinsmithing, coppersmithing, and sheet-iron working.	40	205,437	12,875	24,350	39,013	129,199	41	14	13,300	164	103,158
59	Tobacco, cigars and cigarettes	38	123,935	18,950	19,150	4,925	80,910	38	22	19,200	238	162,335
60	Trunks and valises	5	16,600	500	1,000	200	14,900	4	1	1,500	21	12,638
61	Typewriter repairing	4	1,185			225	960	2	2	300	3	1,836
62	Watch, clock, and jewelry repairing	46	48,350	1,143	886	21,668	24,653	42	3	1,320	73	44,150
63	Wirework, including wire rope and cable.	3	49,210			21,160	28,050	1	8	7,600	31	18,500
64	All other industries[1]	107	15,496,203	950,697	4,563,007	6,184,184	3,798,315	73	210	289,277	1,853	1,178,057

[1] Embraces artificial limbs, 2; baking and yeast powders, 1; billiard tables and materials, 1; boot and shoe uppers, 1; boots and shoes, factory product, 1; boxes, cigar, 2; boxes, fancy and paper, 2; boxes, wooden packing, 1; brassware, 1; carpets and rugs, other than rag, 1; carriage and wagon materials, 2; cars, street railroad, not including operations of railroad companies, 2; cheese, butter, and condensed milk, factory product, 2; chemicals, 2; china decorating, 2; clothing, men's, factory product, 1; clothing, women's, factory product, 2; coffee and spice, roasting and grinding, 2; coke, 1; cooperage, 1; cordials and sirups, 1; corsets, 2; druggists' preparations, not including prescriptions, 2; engraving and diesinking, 1; engraving, steel, including plate printing, 1; engraving, wood, 1; fancy articles, not elsewhere specified, 1; flavoring extracts, 1; fruits and vegetables, canning and preserving, 1; gas, illuminating and heating, 1; gas machines and meters, 1; gloves and mittens, 1; gold and silver, reducing and refining, not from the ore, 1; hand stamps, 1; hardware, 1; hats and caps, not including fur hats and wool hats, 1; ice, manufactured, 2; ink, printing, 1; ink, writing, 1; instruments, professional and scientific, 2; iron and steel, 1; ironwork, architectural and

PUEBLO.

1	All industries	241	$12,374,248	$754,427	$3,806,645	$3,877,615	$3,935,561	217	320	$370,428	4,911	$3,044,280
2	Bicycle and tricycle repairing	7	11,802			3,272	8,530	6	4	3,720	12	6,301
3	Blacksmithing and wheelwrighting	13	7,335	500	825	2,310	3,700	18			8	5,622
4	Boots and shoes, custom work and repairing.	15	2,852			1,587	1,265	15			4	2,343
5	Bottling	4	106,200	4,650	94,700	2,000	4,850	1	5	4,300	11	7,250
6	Bread and other bakery products	12	23,000	6,750	8,850	3,915	3,485	13	1	384	31	17,537
7	Brick and tile	3	7,700	300	1,700	2,200	3,500	2	1	900	17	6,804
8	Carpentering	17	23,553	6,500	6,600	6,053	4,400	18			92	54,622
9	Carriages and wagons	5	63,290	11,000	15,000	9,950	27,340	4	6	6,360	30	18,334
10	Cars and general shop construction and repairs by steam railroad companies.	4	143,822	47,350	62,435	10,732	23,305		14	14,785	338	208,448
11	Clothing, men's, custom work and repairing.	15	18,154	2,500	1,600	2,182	11,872	16	2	2,400	30	20,235
12	Confectionery	6	104,814	3,500	1,500	47,976	51,838	5	21	18,379	61	22,171
13	Foundry and machine shop products	7	529,246	24,329	85,004	168,380	251,533	3	17	11,584	441	251,860
14	Furniture, cabinetmaking, repairing, and upholstering.	4	4,195			1,095	3,100	3			6	4,329
15	Lead, smelting and refining	3	6,971,757	456,447	2,188,673	2,249,546	2,077,091		65	121,558	1,529	1,134,343
16	Masonry, brick and stone	8	3,700			3,700		9			92	78,873
17	Millinery, custom work	10	18,615			815	17,800	10	4	2,350	32	11,522
18	Painting, house, sign, etc	4	38,800			2,800	36,000	5	9	5,620	57	42,384
19	Photography	4	8,100			3,300	4,800	4			9	5,503
20	Plastering and stuccowork	6	1,025			825	200	9			20	15,025
21	Plumbing, and gas and steam fitting	8	36,184			3,010	33,174	7	8	5,380	61	45,359
22	Printing and publishing, book and job	4	24,000			18,700	5,300	4	3	3,520	21	11,354
23	Printing and publishing, newspapers and periodicals.	11	131,009	8,800	20,000	44,249	57,960	9	5	7,280	90	43,763
24	Saddlery and harness	6	50,192			5,467	44,725	6	4	4,932	49	31,940
25	Tinsmithing, coppersmithing, and sheet-iron working.	7	18,775			6,925	11,850	7	4	4,452	14	18,443
26	Tobacco, cigars and cigarettes	4	13,530	4,250	3,000	555	5,725	6			12	7,686
27	Watch, clock, and jewelry repairing	12	10,915	2,000	1,200	4,680	3,035	9	2	2,344	11	6,412
28	All other industries[1]	42	4,001,683	175,551	1,315,558	1,271,391	1,239,183	28	145	150,185	1,833	970,817

[1] Embraces awnings, tents, and sails, 1; bicycles and tricycles, 1; bookbinding and blank book making, 1; boot and shoe uppers, 1; brass castings and brass finishing, 1; bridges, 1; brooms and brushes, 1; carpets, rag, 1; china decorating, 1; clothing, women's, dressmaking, 1; corsets, 1; dyeing and cleaning, 2; electrical construction and repairs, 2; flavoring extracts, 1; flouring and grist mill products, 1; fruits and vegetables, canning and preserving, 1; fur goods, 1; gas, illuminating and heating, 1; ice, manufactured, 1; iron and steel, 2; liquors, malt, 1; lock and gun smithing, 2; lumber, planing mill products, including sash, doors, and blinds, 1;

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and towns	610	$6,186,110	$409,343	$1,258,966	$2,475,229	$2,042,572	666	224	$206,090	3,276	$2,169,217
2	Aspen	53	104,675	3,050	14,265	35,075	52,285	50	3	1,073	68	41,939
3	Colorado Springs[1]	159	1,446,189	187,621	121,713	619,223	517,632	180	109	71,719	822	489,337
4	Cripple Creek	127	342,256	34,200	46,925	82,700	178,431	137	34	31,370	400	336,591
5	Leadville	115	3,632,766	117,328	953,808	1,580,884	980,746	119	49	75,468	1,376	854,095
6	Trinidad	87	481,451	35,469	105,322	115,629	225,031	101	22	20,672	329	202,422
7	Victor	69	178,773	31,675	16,933	41,718	88,447	79	7	5,788	281	244,833

[1] Population 21,085, but not considered a manufacturing city, and therefore presented by totals only.

BY SPECIFIED INDUSTRIES: 1900—Continued.

DENVER—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
592	$407,331	44	$20,615	13	$2,473	$206,880	$26,945	$3,736	$118,157	$58,042	$316,798	$305,223	$11,575	$1,519,777	52
67	31,107					7,197	1,628	364	5,205		94,130	92,535	1,595	177,094	53
82	53,091			1	200	12,439	6,482	984	4,973		163,879	162,959	920	282,008	54
5	3,900	46	15,364			2,215	1,156	109	950		39,870	39,710	160	73,500	55
40	25,274					7,689	1,400	739	5,550		592,960	590,989	1,971	665,023	56
45	24,450	5	1,312			14,811	1,386	1,305	12,120		170,087	168,004	2,083	241,544	57
154	99,568	8	3,200	2	390	31,077	11,870	1,765	14,142	3,300	259,612	256,940	2,672	503,841	58
205	146,465	31	15,650	2	220	46,363	4,541	863	39,524	1,435	155,887	155,282	605	475,494	59
21	12,638					3,592	786	69	2,737		10,101	10,055	46	37,921	60
3	1,836					777	520	22	235		1,380	1,360	20	5,082	61
71	43,374	2	776			14,693	9,779	728	3,786	400	36,354	35,637	717	136,605	62
31	18,500					8,950	1,920	360	6,670		54,480	53,280	1,200	98,200	63
1,569	1,102,686	260	69,953	24	5,418	351,790	40,164	54,346	256,880	400	14,557,025	14,037,037	519,988	18,956,078	64

ornamental, 1; jewelry and instrument cases, 1; lamps and reflectors, 2; lead, bar, pipe, and sheet, 1; lead, smelting and refining, 2; leather goods, 1; lithographing and engraving, 2; millinery and lace goods, 1; musical instruments and materials, not specified, 2; musical instruments, organs and materials, 1; musical instruments, pianos and materials, 1; paints, 2; paper and wood pulp, 1; paving and paving materials, 2; perfumery and cosmetics, 1; photographic materials, 2; photolithographing and photoengraving, 1; plastering and stuccowork, 2; plumbers' supplies, 1; printing materials, 1; refrigerators, 2; regalia and society banners and emblems, 1; scales and balances, 2; sewing machine repairing, 1; show cases, 1; slaughtering and meat packing, wholesale, 2; sporting goods, 1; steam fittings and heating apparatus, 2; stereotyping and electrotyping, 2; surgical appliances, 2; taxidermy, 2; tobacco, chewing, smoking, and snuff, 2; tools, not elsewhere specified, 1; umbrellas and canes, 1; vinegar and cider, 1; washing machines and clothes wringers, 1.

PUEBLO.

4,756	$3,000,093	127	$39,667	28	$4,520	$577,501	$46,480	$34,232	$430,926	$65,863	$22,589,669	$21,448,078	$1,141,591	$30,795,481	1
12	6,301					3,116	2,272	100	744		12,852	12,383	469	33,125	2
7	5,466			1	156	2,034	1,858	73	103		7,564	7,108	456	33,645	3
4	2,343					2,106	1,939	31	136		7,128	7,034	94	20,727	4
10	7,000			1	250	690		17	673		26,043	25,805	238	43,638	5
26	16,292	5	1,245			7,208	2,602	709	3,897		52,167	50,352	1,815	90,989	6
17	6,804					852	450	44	358		4,657	1,447	3,210	15,600	7
92	54,622					66,261	655	148	1,658	63,800	99,923	99,816	107	257,788	8
30	18,334					3,238	886	852	1,500		20,303	19,840	463	57,784	9
338	208,448					1,405		1,167	238		162,884	159,924	2,960	387,522	10
19	15,157	10	4,922	1	156	4,220	3,069	252	899		20,499	20,208	291	58,714	11
25	14,984	34	7,032	2	155	27,907	3,660	685	23,562		70,273	68,727	1,546	135,598	12
441	251,860					36,501	1,260	1,808	33,433		413,532	393,622	19,910	1,183,903	13
6	4,329					750	450	60	190	50	6,004	5,949	55	16,276	14
1,529	1,134,343					33,555		9,824	23,731		16,440,397	15,884,282	556,115	19,829,549	15
92	78,873					3,185	1,030		1,855	800	67,507	67,507		177,659	16
		32	11,522			5,517	4,257	385	875		32,998	32,871	127	66,250	17
57	42,384					5,000	1,806	608	2,586		32,181	32,125	56	109,141	18
7	4,783	2	720			2,080	1,260	63	757		5,448	5,267	181	22,905	19
20	15,025					1,070			446	624	13,805	13,720	85	39,164	20
59	45,059			2	300	3,736	1,633	131	1,972		54,608	54,078	530	134,050	21
20	10,854	1	500			2,241	1,692	146	403		13,359	12,846	513	42,100	22
80	40,716	7	2,335	3	712	20,823	1,750	1,038	17,446	589	32,318	31,010	1,308	137,281	23
47	31,485	1	390	1	65	6,984	2,692	537	3,755		65,265	64,842	423	119,263	24
14	13,443					1,553	1,125	178	250		33,824	33,550	274	68,287	25
12	7,686					1,835	100	89	1,646		8,390	8,274	116	20,200	26
11	6,412					2,396	1,989	52	355		5,859	5,794	65	24,232	27
1,781	957,090	35	11,001	17	2,726	331,238	8,045	15,235	307,958		4,879,881	4,329,697	550,184	7,670,091	28

marble and stone work, 2; mattresses and spring beds, 2; mineral and soda waters, 1; monuments and tombstones, 1; optical goods, 1; paper hanging, 1; paving and paving materials, 2; pottery, terra cotta, and fire-clay products, 1; sewing machine repairing, 1; slaughtering and meat packing, wholesale, 2; trunks and valises, 1.

TOWNS UNDER 20,000 IN POPULATION: 1900.

3,089	$2,108,125	158	$56,505	29	$4,587	$524,770	$116,965	$30,880	$243,130	$133,795	$7,366,651	$6,937,383	$429,268	$11,503,788	1
54	36,801	14	5,138			12,663	5,848	1,653	5,162		87,084	83,656	3,428	206,447	2
748	467,995	57	18,427	17	2,915	202,039	39,952	11,172	86,091	64,824	798,527	776,215	22,312	1,840,642	3
352	320,329	44	15,574	4	688	64,471	28,879	4,209	20,403	10,980	714,016	703,012	11,004	1,417,846	4
1,352	843,705	20	10,030	4	360	94,829	23,159	8,009	63,111	550	5,061,979	4,681,667	380,312	6,436,680	5
308	197,164	18	4,806	3	452	79,961	11,232	4,574	57,914	6,241	238,212	230,311	7,901	679,649	6
275	242,131	5	2,530	1	172	70,807	7,895	1,263	10,449	51,200	466,833	462,522	4,311	922,524	7

CONNECTICUT.

Table 1 shows the manufacturing and mechanical industries of the state of Connecticut as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	9,128	6,822	4,488	5,128	3,019	3,737	33.8	52.0	[1]12.5	69.9	[1]19.2
Capital	$314,696,736	$227,004,496	$120,480,275	$95,281,278	$45,590,430	$25,876,648	38.6	88.4	26.4	109.0	76.2
Salaried officials, clerks, etc., number	9,981	[2]9,425	(3)	(3)	(3)	(3)	5.9				
Salaries	$12,286,050	[2]$9,525,289	(3)	(3)	(3)	(3)	29.0				
Wage-earners, average number	176,694	140,514	112,915	89,523	64,469	50,731	25.7	24.4	26.1	38.9	27.1
Total wages	$82,767,725	$66,465,317	$43,501,518	$38,987,187	$19,026,196	$12,435,984	24.5	52.8	11.6	104.9	53.0
Men, 16 years and over	130,610	101,318	75,619	61,684	44,002	34,248	28.9	34.0	22.6	40.2	28.5
Wages	$69,227,497	$55,223,273	(3)	(3)	(3)	(3)	25.4				
Women, 16 years and over	42,605	36,111	28,851	20,810	20,467	16,483	18.0	25.2	38.6	1.7	24.2
Wages	$12,873,190	$10,697,893	(3)	(3)	(3)	(3)	20.3				
Children, under 16 years	3,479	3,085	8,445	7,029	(3)	(3)	12.8	[1]63.5	20.1		
Wages	$667,038	$544,151	(3)	(3)	(3)	(3)	22.6				
Miscellaneous expenses	$23,089,806	$15,399,101	(4)	(4)	(4)	(4)	49.9				
Cost of materials used	$185,641,219	$123,183,080	$102,183,341	$86,419,579	$40,909,090	$23,608,971	50.7	20.6	18.2	111.2	73.3
Value of products, including custom work and repairing	$352,824,106	$248,336,364	$185,697,211	$161,065,474	$81,924,555	$47,114,585	42.1	33.7	15.3	96.6	73.9
Total population	908,420	746,258	622,700	537,454	460,147	370,792	21.7	19.8	15.9	16.8	24.1
Wage-earners engaged in manufactures	176,694	140,514	112,915	89,523	64,469	50,731	25.7	24.4	26.1	38.9	27.1
Per cent of total population	19.5	18.8	18.1	16.7	14.0	13.7					
Assessed value of real estate	$486,787,973	$261,451,666	$228,791,267	$204,110,509	$191,478,842	$96,412,947	86.2	14.3	12.1	6.6	98.6
Value of land and buildings invested in manufactures[5]	$66,872,050	$49,277,118	(3)	(3)	(3)	(3)	35.7				
Per cent of assessed value	13.7	18.8									

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[3] Not reported separately.
[4] Not reported.
[5] Does not include the value of rented property.

Table 1 discloses the steady growth of the manufacturing industries of Connecticut which has led to the characterization of the state as the "Lancashire of New England."

The total population of the state in 1850 was 370,792, and in 1900, 908,420, an increase in the fifty years of 537,628, or 145 per cent. The average number of wage-earners employed in manufacturing establishments has increased from 50,731 in 1850 to 176,694 in 1900, an increase of 125,963, or 248.3 per cent, and embraced in the latter year 19.5 per cent of the total population, as compared with 13.7 per cent in 1850. The greatest number of wage-earners engaged in manufactures at any one time during the year was 212,865, or 23.4 per cent of the total population, and this percentage is a more accurate indication of the proportion so employed.

The period of greatest increase during the half century covered by Table 1 was that between 1860 and 1870. The period of greatest absolute increase, $104,487,742, in value of products, was during the decade ending with 1900, although the greatest percentage of increase, 96.6 per cent, is shown for the decade 1860 to 1870. The increase in products from 1850 to 1860 was 73.9 per cent; from 1860 to 1870, 96.6 per cent; from 1870 to 1880, 15.3 per cent; from 1880 to 1890, 33.7 per cent; and from 1890 to 1900, 42.1 per cent.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for a governmental establishment, institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	10,115	$315,146,811	10,399	177,094	$82,820,750	$23,133,960	$185,737,287	$32,930,602	$144,973,814	$7,832,871	$353,171,480
Hand trades[1]	4,630	10,316,973	5,066	14,931	8,311,715	3,517,607	12,755,083	197,252	12,215,254	342,577	31,429,844
Governmental establishment	1	19,498	------	61	22,132	8,554	2,366	------	1,486	880	39,494
Eleemosynary and penal institutions	9	31,050	1	295	13,148	2,160	10,515	4,800	4,880	835	33,261
Establishments with a product of less than $500	977	399,527	1,017	44	17,745	33,440	83,187	5,686	77,454	47	274,619
All other establishments	4,498	304,379,763	4,315	161,763	74,456,010	19,572,199	172,886,136	32,722,864	132,674,740	7,488,532	321,394,262

[1] Includes bicycle and tricycle repairing, 197; blacksmithing and wheelwrighting, 795; boots and shoes, custom work and repairing, 594; carpentering, 547; clothing, men's, custom work and repairing, 431; clothing, women's, dressmaking, 389; dyeing and cleaning, 29; furniture, cabinetmaking, repairing, and upholstering, 123; lock and gun smithing, 27; masonry, brick and stone, 233; millinery, custom work, 237; painting, house, sign, etc., 423; paper hanging, 25; plastering and stuccowork, 18; plumbing, and gas and steam fitting, 334; sewing machine repairing, 3; taxidermy, 1; typewriter repairing, 1; watch, clock, and jewelry repairing, 223.

Of the 10,115 establishments of all classes, shown in this table, 5,607, or 55.4 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $31,704,463, or 9 per cent of the total products of the state.

In addition to the 10,115 active establishments in the state during the census year, with a capital of $315,146,811, shown in Table 2, there were 56 idle establishments, with a capital of $1,582,519, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Agricultural implements	1	$10,025	Paper and wood pulp	2	$60,000
Brassware	1	7,000	Paper goods, not elsewhere specified	1	150,000
Brass castings and brass finishing	3	321,770	Paving and paving materials	2	17,600
Brick and tile	5	11,300	Plated and britannia ware	1	25,000
Clocks	2	17,300	Pottery, terra cotta, and fire-clay products	1	20,000
Flouring and grist mill products	3	11,550	Shipbuilding, iron and steel	1	500,000
Foundry and machine shop products	1	85,188	Silk and silk goods	1	20,300
House furnishing goods	1	28,540	Silverware	1	30,000
Iron and steel	3	139,111	Woolen goods	4	49,800
Needles and pins	1	40,000	All other	21	38,035

Comparative statistics for the 17 leading industries in Connecticut are presented in Table 3.

TABLE 3.—COMPARATIVE SUMMARY OF SEVENTEEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	993	$201,903,756	110,346	$49,880,799	$11,512,569	$112,710,165	$205,784,909
	1890	949	151,197,907	89,154	40,011,864	9,848,339	69,903,660	141,281,406
Increase, 1890 to 1900	------	44	50,705,849	21,192	9,868,935	1,664,230	42,806,505	64,453,503
Per cent of increase	------	4.6	33.5	23.8	24.7	16.9	61.2	45.6
Per cent of total of all industries in state	1900	10.9	64.2	62.5	60.3	49.9	60.7	58.3
	1890	13.9	66.6	63.4	60.2	64.0	56.7	56.9
Ammunition	1900	5	4,780,388	4,134	2,193,270	919,039	5,200,307	9,823,712
	1890	4	1,438,820	1,443	668,406	205,505	820,252	3,838,774
Brass manufactures: Total	1900	58	25,274,862	12,652	6,698,955	1,333,028	36,185,970	48,526,868
	1890	53	21,025,683	10,636	5,196,384	1,410,427	12,826,536	22,309,894
Brass and copper, rolled	1900	11	11,900,134	5,308	2,858,013	610,164	24,133,559	29,787,282
	1890	5	4,767,896	1,600	782,023	163,570	2,605,631	4,169,938
Brass castings and brass finishing	1900	26	7,164,071	4,221	2,221,333	367,656	5,770,875	9,470,427
	1890	25	7,109,461	3,327	1,683,267	536,761	4,237,237	7,428,011
Brassware	1900	21	6,210,657	3,123	1,619,609	355,208	6,281,536	9,269,159
	1890	23	9,148,326	5,709	2,731,094	710,096	5,983,668	10,711,945
Carriages and wagons	1900	117	5,010,816	2,192	1,298,096	161,571	1,532,351	4,205,723
	1890	181	3,093,997	1,904	1,273,222	152,497	1,491,518	3,598,944
Clocks	1900	10	5,065,682	3,929	1,907,558	240,804	1,825,425	4,545,047
	1890	9	4,485,429	2,777	1,373,629	200,499	1,087,327	3,117,186
Corsets	1900	24	2,978,598	5,755	1,796,198	268,492	3,179,304	6,846,964
	1890	18	3,982,271	4,868	1,692,751	548,681	3,089,618	6,274,867
Cutlery and edge tools	1900	44	5,855,752	4,077	2,087,198	335,952	1,904,968	5,362,620
	1890	48	3,448,848	2,162	1,158,407	241,842	956,608	2,895,390

TABLE 3.—COMPARATIVE SUMMARY OF SEVENTEEN LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Electrical apparatus and supplies	1900	17	$2,513,812	961	$405,604	$222,400	$1,973,715	$3,167,842
	1890	5	631,182	157	81,547	32,841	390,171	628,602
Foundry and machine shop products	1900	260	23,020,068	12,646	6,948,309	1,097,036	6,683,689	18,991,079
	1890	193	13,523,724	8,643	5,031,488	951,626	4,874,852	13,314,156
Fur hats (also hats and caps, not including fur hats and wool hats)	1900	73	3,292,146	5,265	2,565,299	407,450	3,992,328	8,098,072
	1890	50	2,542,892	6,065	3,107,265	346,981	3,084,118	7,527,017
Hardware	1900	63	21,694,351	12,056	5,664,046	1,333,779	6,576,620	16,301,198
	1890	70	13,453,539	8,108	3,977,952	1,501,598	4,407,986	11,995,023
Iron and steel	1900	8	4,986,147	1,828	959,825	198,067	2,348,411	4,318,431
	1890	13	2,189,521	649	362,405	96,123	1,324,078	2,037,618
Needles and pins	1900	13	2,250,021	1,238	533,293	177,503	708,323	1,761,806
	1890	13	1,030,573	660	271,426	42,525	257,278	737,396
Paper and wood pulp	1900	49	3,968,152	1,425	633,413	279,962	1,982,080	3,565,021
	1890	42	3,920,916	1,393	625,522	302,592	2,014,680	3,556,257
Plated and britannia ware	1900	26	13,067,209	4,491	2,293,017	582,635	4,679,220	9,538,397
	1890	21	9,916,866	4,159	2,071,598	762,563	3,391,944	7,569,920
Rubber and elastic goods	1900	22	6,094,867	3,006	1,136,162	452,293	5,697,899	8,246,240
	1890	16	2,300,590	2,245	869,877	108,115	2,093,148	3,476,398
Sewing machines and attachments	1900	7	5,216,570	2,104	1,176,622	265,786	966,567	3,170,137
	1890	5	4,174,710	1,294	697,654	142,030	542,335	1,646,184
Textiles: Total	1900	197	66,834,315	32,587	11,583,934	3,236,772	27,272,988	49,265,752
	1890	208	60,038,346	31,991	11,552,331	2,801,894	27,251,161	46,757,780
Cotton goods (including cotton small wares)	1900	57	27,367,538	13,205	4,397,024	1,288,809	7,538,538	15,500,842
	1890	65	26,431,578	13,220	4,239,546	954,637	8,215,751	15,409,476
Dyeing and finishing textiles	1900	5	3,243,744	1,300	578,756	216,075	907,377	2,269,967
	1890	5	775,352	477	237,102	77,336	300,360	715,388
Hosiery and knit goods	1900	25	6,149,338	3,243	1,131,078	205,658	2,202,640	4,043,977
	1890	27	4,822,911	3,059	967,301	197,422	2,029,921	3,771,567
Shoddy	1900	7	494,074	113	44,163	33,601	362,438	537,733
	1890	7	395,336	166	72,545	26,099	442,852	648,060
Silk and silk goods	1900	32	12,166,775	6,514	2,392,873	637,450	7,198,008	12,378,981
	1890	35	9,037,042	4,964	1,847,531	270,426	6,201,876	9,788,951
Woolen goods	1900	51	9,140,066	4,668	1,760,917	473,106	4,951,162	8,097,218
	1890	55	10,188,042	5,069	1,881,019	614,561	5,753,095	9,082,493
Worsted goods	1900	10	5,054,659	2,198	846,901	310,267	2,971,926	4,539,814
	1890	10	5,263,201	2,234	833,271	405,369	2,814,186	4,651,402
All other textiles (carpets and rugs, other than rag; felt goods)	1900	4	3,218,121	1,341	432,222	71,806	1,140,899	1,897,220
	1890	4	3,124,884	2,802	1,474,016	256,044	1,493,120	2,690,443

The state of Connecticut comprises 4,845 square miles of land, 145 square miles of water, and a sea coast 100 miles in length on Long Island Sound. In area it ranks forty-third among the states of the Union (but two, Rhode Island and Delaware, are smaller), and in order of population it is twenty-ninth.

The preeminence of the state in manufacturing is due in part to its excellent communication by rail and water with all parts of the country; to its geographical location, by which it can handle a large export trade; to its water-power; to its plentiful supplies of labor and capital, the former gathered easily in the great centers of the East, and the latter coming to it not alone from its profitable manufactures but also from its large insurance and banking interests; and to its joint-stock laws.

Alexander Johnston, in his "Connecticut," becomes enthusiastic over the progress of the commonwealth. By looking out for himself, the Connecticut Yankee had, before the close of the last century, developed household industries, working day and night, making nails or anything that would sell. This application, continued through generations, took the place of the present-day technical schools. This has developed in recent years the modern mechanic out of the Connecticut agriculturist and transformed the commonwealth into a great industrial community. As early as 1716, nail mills were established, and there was a surplus of product for exportation. Connecticut's iron mines in the town of Salisbury furnished iron for the cannon for the Continental Army and the chains that barred the Hudson River to the enemy. "Lack of coal as fuel," the historian writes, "might weigh heavily against the value of their iron mines, but the ingenuity of the workmen was a possession that could not be taken away." These men "scoured the world for materials and passed them through the crucible of Connecticut ingenuity." But the joint-stock act of 1837 contributed greatly to the state's prosperity. Its principle of permitting small sums to be capitalized in manufacture, has been copied by almost every state in the Union and by Great Britain, the effect upon the "industrial development of the whole modern world" being "quite beyond calculation."[1]

In Connecticut more industries are secured by patents than in any other state.[2] For many years the state has led

[1] Connecticut, Alexander Johnston, page 328 et seq.
[2] History of Connecticut, E. B. Sanford, page 291.

the country in number of patents issued in proportion to population; in 1890 it was 1 patent to every 796 persons; in 1900, 1 to every 1,203.

Connecticut has been widely known as the manufacturing center for Yankee notions. The Census Office classifications, being necessarily general, can not show the great variety of these wares. They are found largely in such classifications as brassware, foundry and machine shop products, fancy articles not elsewhere specified, etc. The manufacturing statistics of the country are assigned to numerous classifications according to their products of chief value; of these Connecticut is accredited with about 70 per cent.

The patents granted to the inventors of one city in Connecticut show a small percentage of an infinitude of small wares, such as bottle-top handles, shot-pouch chargers, lamp holders, bread toasters, scissors sharpeners, machines for sticking pins in paper (which helped Connecticut to undersell other markets), picture nails, carpet fasteners, clothes-dryers, necktie fasteners, eyelets, napkin holders, utensils for mixing liquids, perforated music sheets, washing machines, drawer pullers, and church-pew headrests.

The Yankee peddler was developed by the manufacture of tinware, clocks, and other small wares, and Connecticut became the land of Yankee notions and Brother Jonathan. Tinware was first manufactured in Connecticut, in Berlin, about 1770.[1] In 1795 Mark Leavenworth began the manufacture of axes, steelyards, ramrods, bayonets, and other small articles of steel. In 1801 he journeyed to Georgia with axes and steelyards, exciting much wonder.[2]

Eli Terry, one of the founders of the clock manufacture, received pay for a clock in salt pork, which he carried home in his saddlebags. Chauncey Jerome, another of the founders, went to surrounding towns with clocks to sell. He would take one under each arm and go from house to house.[3] In 1800, Gideon Roberts used to take three or four clocks at a time to New York state to sell. "I have seen him many times, when a small boy, pass my father's house on horseback with a clock in each of his saddlebags, and a third lashed on behind the saddle with the dials in plain sight."[3]

Eli Terry obtained his knowledge of clocks from Thomas Harland, who came to Norwich from London, England, in 1773. Mr. Terry was a native of East Windsor, now South Windsor, where he made his first clock, with wooden wheels, in 1792. He moved to Plymouth in 1793, invented the pillar-scroll and case clock in 1814, and made a fortune. A village in Plymouth is now named in his honor, and in the town of Thomaston, which was set off from Plymouth, a large clock factory still flourishes, established by Seth Thomas about the year 1808. The industry has since been started in Waterbury, Winsted, Litchfield, and Bristol. In all these places, except Litchfield, the business has remained, and increased to large proportions. Chauncey Jerome, who was an apprentice of Mr. Terry at Plymouth, left him to make brass shelf clocks in Bristol. In 1837 he revolutionized the industry by using brass wheels, and in 1844 he removed to New Haven, where the New Haven Clock Company's works founded by him still exist.

New Haven produced the inventor of the process of vulcanizing india-rubber, Charles Goodyear. His father was an inventor, having a shop at Naugatuck, while he himself made iron forks for agricultural use and started a hardware store in Philadelphia. As no method of hardening rubber had yet been discovered, rubber shoes melted in summer and remained sticky and odorous in winter. Nathanial Hayward, of Woburn, Mass., who, in 1850, started the Hayward Rubber Works at Colchester, Conn., had discovered a method of hardening the surface of the gum by adding powdered sulphur. He assigned this patent to Goodyear, who, one cold winter's night, while with his family around the stove, accidentally dropped a bit of the gum on the red-hot iron. It vulcanized. He nailed it to the outside of the house until morning, and found it perfectly elastic. Thus was established the principle on which the rubber goods of the world are made. His first patent was secured in 1844; he secured more than fifty in all; won many medals at foreign exhibitions, and received the ribbon of the Legion of Honor from the Emperor of France. Upon his license were founded the large factories at Naugatuck. New Haven has a large plant.

Eli Whitney, the inventor of the cotton-gin, was one of the earliest makers of firearms. He began at Whitneyville, just outside of New Haven, early in the century. He took up the system of interchangeable parts for guns, and by close personal supervision executed contracts which had caused the failure of other contractors. In 1814 Colonel North made pistols in Middletown.[4]

In 1829 Samuel Colt, of Hartford, while on a voyage to Calcutta, devised a six-barreled revolver to be used with percussion caps. In 1835 he perfected a six-barreled rotating breech, and Lieutenant-Colonel Harney used this arm in 1837 in fighting the Indians. Then came the Mexican War and the California gold craze. Colonel Colt built factories at Hartford costing half a million dollars. In 1858 he was turning out 60,000 revolvers a year. They were used by the English in the Crimea and by Garibaldi in Italy.[5] The Spencer rifle, and the Sharp rifle were made also in Connecticut prior to 1861. The Winchester rifle is made at New Haven in large quantities. The Gatling gun is made at the Colt works at Hartford, and ordnance of improved type is made at Bridgeport and Derby.

The fourth of the colonies to engage in the silk culture was Connecticut. This was about 1732. It was almost the only colony to follow it to any notable extent. Mulberry

[1] History of Connecticut, page 295, note.

[2] Town and City of Waterbury, edited by Joseph Anderson, D D. Vol. II, pages 263 and 264.

[3] American Clock Business, by Chauncey Jerome, page 38 et seq.

[4] Tenth Census of United States, 1880, Manufactures, page 618.

[5] Industrial History of the United States, A. S. Bolles, page 255 et seq.

trees, the leaves of which furnished food for the silk worm, were planted at New Haven and Mansfield. In 1763 President Stiles, who afterwards wore a commencement gown of domestic silk, secured the passage of a law by which the colony paid a bounty for the planting of trees and the raising of raw silk. A half ounce of mulberry seed was sent to every town for distribution, but Mansfield was the only place where silk raising became a fixed industry. In 1758 Dr. Aspinwall founded a factory there.[1] Eastern Connecticut was the principal center of the raw-silk industry during the first quarter of the last century. In 1810 the counties of New London, Tolland, and Windham produced raw silk and sewing silk to the value of $28,503. In 1814 the Hanks mill was started at Mansfield. In 1827–8 the Mansfield Silk Company was established. In 1835 the Connecticut Silk Manufacturing Company was founded at Hartford, but closed after three years.[2] Silk mills were afterwards located at Windsor Locks and Warehouse Point. In 1838 the Cheney Brothers started in South Manchester, where they still operate one of the largest silk mills in the country.

Elias Howe, jr., the inventor of the sewing machine, early gave his name to a factory at Bridgeport. In 1850 a patent for a different style of machine was issued to Allen B. Wilson. The Wilson machines were first made at Watertown, but in 1856 the factories were removed to Bridgeport, where they are yet in active operation.[3]

The brass manufactures of Connecticut in Waterbury were built up by the metal-button business, which led to brass making on a large scale. Brass was made in that city before 1749 by John Allyn, as is shown by the inventory of his goods. Hammered brass kettles and brass wire were first made in the United States here or in this vicinity. Prior to 1835 all the pins used in the United States were imported. Twenty years earlier a few pins were made, but were not commercially successful. In order to afford a market for brass wire, automatic machines for the manufacture of pins were brought into use about 1841, the trade being controlled by Waterbury and Birmingham (now Derby). Hooks and eyes were also made. The first Waterbury watch, made by hand, was exhibited January 9, 1878. Since then it has been much improved, and millions have been manufactured.[4]

About the year 1804 a cotton mill was established at Vernon, Hartford county, followed in 1806 by a large mill at Pomfret. According to an official report made to Congress in 1810, Connecticut had at the close of the previous year, 4 mills, excluding 2 then building.[5]

The present large cotton factories had their beginnings after the war of 1812. A mill was built at Jewett City, in 1810, and in 1823 it was bought by Samuel and John Slater, of Rhode Island. It is still in the hands of that family. In 1825 John Slater bought a mill at Hopeville, on the Pauchaug River. In 1848 Henry and Robert Lippitt bought the Tiffany mill at Danielsonville, and organized the Quinebaug Company. The cotton mills of the state are clustered on the streams that flow into the Thames at Norwich. In Norwich, Thompson, Putnam, Plainfield, Killingly, and Windham are located more than seven-tenths of all the cotton spindles in Connecticut. The great mill at Baltic has been rebuilt by the Ponemah Company, which has large mills on both sides of the Shetucket River, four miles from Norwich, where are made the finest percales and lawns for printing. The large mills at Grosvenor Dale in the town of Thompson were built by John Mason, but in 1845 passed into the possession of Dr. William Grosvenor. The Willimantic Linen Company, at Windham, is in a sense the parent of the great cotton-thread producing corporations of New England.[6]

The first woolen factory in New England was organized at Hartford in 1788. Small mills sprang up here and there, and in 1812 a mill belonging to Aaron Buckland, at Buckland, near Hartford, made blankets for the soldiers. In 1803 Col. David Humphreys bought a privilege in what is now Seymour, imported Merino sheep, and in 1806 built a mill, and founded the New England factory village. In 1812 the Middletown Woolen Manufacturing Company was the first to use steam power.[7] It made thirty to forty yards daily of cloth worth nine or ten dollars per yard. The largest modern woolen mills are at Rockville, town of Vernon, at Stafford Springs, town of Stafford, in Tolland county; and at Broad Brook, Hartford county. In Connecticut worsteds for men's wear were first made in 1869 at one of the mills in Rockville.

The process of electro-silver plating was invented in Hartford about the year 1846 by the Rogers Brothers—Asa H., William, and Simeon S. A company was formed in 1851.[8] From this small beginning sprang the plants in Waterbury, Meriden, and other places.

Norwich claims the first paper mill in Connecticut, established in 1768. In 1776 there was a paper mill at East Hartford. In 1860 the Pacific Mills at Windsor Locks and the Chelsea Mills at Norwich were among the largest establishments of the kind in the world. Fourdrinier machines were first made in the United States at Windham, in 1830.[9]

Hats were first made in Danbury, by Zadoc Benedict, in 1780. He made 3 per day. Patents were taken out for improving the manufacture as early as 1808, and in 1831 Stephen Hurlburt, of Glastonbury, secured a patent for the hardening of hats upon a cone.[9] From these small beginnings Danbury's product reached nearly eight millions of dollars in 1900.

The first axe shop in the country is said to have been

[1] History of Connecticut, page 295, note.
[2] Industrial History of the United States, page 430 et seq.
[3] The New England States, Vol. II, pages 967 and 968.
[4] Town and City of Waterbury, Vol. II, page 262 et seq.
[5] Eighth Census of the United States, Manufactures, Introduction, page 16 et seq.
[6] The New England States, Vol. I, page 162 et seq.
[7] Ibid., page 195 et seq.
[8] Ibid., Vol. II, page 832.
[9] Eighth Census of the United States, Manufactures, Introduction, page 121 et seq.

started by Samuel W. and D. C. Collins of Hartford who, in 1826, operated a little trip-hammer shop making 8 axes per day. They afterwards moved to Collinsville.

During the last ten years, automobiles of many kinds have been invented and manufactured, the statistics being included in the classification for carriages and wagons. The bicycle manufacture has risen with innumerable inventions.

A large steel shipbuilding plant is in active operation at Eastern Point, Groton, opposite New London, on one of the best harbors in the country. Just above Norwich, a compressed-air plant—said to be the first of its peculiar kind in the United States—has been hollowed out of the rock on the Quinebaug River, with water as the compressor.

The increase in the value of products during the decade from 1890 to 1900 in a number of the leading industries, was: Ammunition, 155.9 per cent; bells, 206.7 per cent; buttons, 17.2 per cent; brass manufactures, 117.5 per cent; carriages and wagons, 16.9 per cent; clocks, 45.8 per cent; corsets, 9.1 per cent; cutlery and edge tools, 85.2 per cent; envelopes, 75.7 per cent; firearms, 31.9 per cent; foundry and machine shop products, 42.6 per cent; fur hats (included in hats and caps in 1890), 7.6 per cent; hardware, 35.9 per cent; hardware, saddlery, 49.7 per cent; hosiery and knit goods, 7.2 per cent; ironwork, architectural and ornamental, 82.4 per cent; musical instruments, pianos and materials, 109 per cent; needles and pins, 138.9 per cent; plated and britannia ware, 26 per cent; rubber and elastic goods, 137.2 per cent; sewing machines and attachments, 92.6 per cent; silk and silk goods, 26.5 per cent; stamped ware, 1,206.6 per cent; and typewriters and supplies, 63.1 per cent.

Connecticut is one of the chief centers of the textile industry, and occupies the same rank as a textile manufacturing state as it did in 1890, with a product in 1900 valued at $49,265,752, being exceeded only by Massachusetts, Pennsylvania, New York, Rhode Island, and New Jersey. In the cotton manufacture in Connecticut there were, in 1900, 1,001,474 active spindles, an increase from 934,155 spindles in 1890; and 19,550 looms, an increase from 18,933 looms in 1890. The value of the products of its cotton mills was $15,500,842, substantially the same as in 1890, but in the dyeing and finishing of textiles, the value of products was $2,269,967, an increase of 217.3 per cent over $715,388 reported in 1890. In the wool manufacture 222,640 spindles were employed in 1900, contrasted with 184,914 spindles in 1890; and 3,616 looms as compared with 3,640 looms in 1890. The total value of the product of the wool industry was $22,618,867, compared with $17,072,398 in 1890; but the returns of 1900 include the product of the fur hat manufacture, valued at $7,546,882, which was not included in the same classification in 1890. The wool hat manufacture, which was once quite large in Connecticut, has been superseded in that state by the fur hat manufacture. The hosiery and knit goods manufacture of the state shows increase, the number of knitting machines employed increasing from 1,195 in 1890 to 2,672 in 1900, and the value of the product increasing from $3,771,567 to $4,043,977. The silk manufacture shows a product of $12,378,981, an increase from $9,788,951 in 1890, or 26.5 per cent.

The aggregate value of the textile products of the state for 1900, eliminating the products of the fur hat manufacture, was $49,265,752, an increase from $46,757,780, or 5.4 per cent, showing that Connecticut is more than holding her own in this important branch of her industries.

Out of a total of 9,128 establishments in the state, (as shown by Table 1), 4,153, or 45.5 per cent, were established during the decade. The increase in the total number of establishments since 1890 was only 33.8 per cent, so that the percentage of new plants was much greater than the percentage of total increase. Of the 4,153 established during the decade, 139, or 1.5 per cent of the 9,128, were founded in the census year. The largest number of these new establishments naturally appeared in the small industries or in the hand trades—boots and shoes, custom work and repairing, leading with 417 establishments. The new foundries and machine shops numbered 92; the fur hat establishments, 31; hardware, 17; bicycles and tricycles, 16; brass manufactures, 15; corsets, 13; silk and silk goods, 10; ship and boat building, wooden, 10; cutlery and edge tools, 9; woolen goods, 9; cotton goods, 9; tools, not elsewhere specified, 8; hosiery and knit goods, 5, firearms, 3; worsted goods, 3; and ammunition, 2. This is notable as disclosing an enlargement in number in the leading manufacturing industries of the state.

URBAN MANUFACTURES.

There were 61 cities and towns in Connecticut in which the manufacturing and mechanical industries were considered of sufficient importance to justify their withdrawal from the enumerators, and the appointment of special agents to collect the statistics. The manufacturing establishments located within the corporate limits of such places are considered "urban manufactures."

The presentation of statistics in detail is restricted to those cities having a population of 20,000 or over. There were 6 cities, namely, Bridgeport, Hartford, Meriden, New Britain, New Haven, and Waterbury, falling within this requirement.

The statistics of Bridgeport, Hartford, Meriden, New Haven, and Waterbury were published separately at the census of 1890, and Table 4 is a comparative summary, presenting the totals for each of the 5 cities, together with the per cent of increase during the decade, and also the per cent that the totals for these 5 cities formed of the total for the entire state at the two censuses. New Britain was not separately reported at the census of 1890 and its growth, therefore, can not be shown.

TABLE 4.—COMPARATIVE SUMMARY, BRIDGEPORT, HARTFORD, MERIDEN, NEW HAVEN, AND WATERBURY, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
The State	1900	9,128	$314,696,736	176,694	$82,767,725	$23,089,806	$185,641,219	$352,824,106
	1890	6,822	227,004,496	140,514	66,465,317	15,399,101	123,183,080	248,336,364
Per cent of increase		33.8	38.6	25.7	24.5	49.9	50.7	42.1
Bridgeport	1900	832	33,066,890	19,301	9,123,790	2,564,392	19,133,236	37,883,721
	1890	559	19,786,572	12,116	6,381,103	1,442,378	10,428,987	22,274,635
Per cent of increase		48.8	67.1	59.3	43.0	77.8	83.5	70.1
Hartford	1900	888	30,500,047	13,363	7,603,809	3,375,585	14,103,167	31,145,715
	1890	513	14,126,282	8,311	4,829,428	886,428	7,964,936	17,164,318
Per cent of increase		73.1	115.9	60.8	57.4	280.8	77.1	81.5
Meriden	1900	260	16,699,004	7,531	3,702,240	1,085,142	5,861,612	13,485,640
	1890	238	13,712,146	7,301	3,763,984	1,460,571	4,900,594	11,962,172
Per cent of increase		9.2	21.8	3.2	[1] 1.6	[1] 25.7	19.6	12.7
New Haven	1900	1,236	30,463,066	20,536	10,016,571	3,181,004	18,493,593	40,762,015
	1890	1,129	19,592,384	15,906	8,185,876	2,696,245	14,400,638	33,396,311
Per cent of increase		9.5	55.5	29.1	22.4	18.0	28.4	22.1
Waterbury	1900	404	23,421,640	14,914	7,564,198	1,664,050	19,821,401	33,778,905
	1890	219	17,682,500	9,840	4,984,868	1,155,304	8,715,921	17,712,829
Per cent of increase		84.5	32.5	51.6	51.7	44.0	127.4	90.7
Total for 5 cities	1900	3,620	134,150,647	75,645	38,010,608	11,870,173	77,413,009	157,055,996
	1890	2,658	84,899,884	53,474	28,145,259	7,640,926	46,411,076	102,510,265
Per cent of increase		36.2	58.0	41.5	35.1	55.3	66.8	53.2
Per cent of 5 cities to total for state	1900	39.7	42.6	42.8	45.9	51.4	41.7	44.5
	1890	39.0	37.4	38.1	42.3	49.6	37.7	41.3

[1] Decrease.

The town of Norwich contains a population of 24,637 but the city included therein has a population of only 17,251, and therefore only the totals for all industries in the city are shown.

Of the 6 cities having a population of 20,000 and over (shown by specified industries in Table 8), New Haven ranks first in value of its products, as it did in 1890. The total value for 1900 was $40,762,015 or 11.6 per cent of the products of the state, as compared with 13.4 per cent in 1890. New Haven has long been the leading manufacturing center of the state. It made nearly one-half of the ammunition in the state in 1900. Under this classification is included a great part of its firearms manufacture, for many firearms are made by the factory producing the ammunition. Both values are large, but the value of the ammunition output is the larger. In reality New Haven leads the state in both firearms and ammunition. New Haven also has a large wholesale slaughtering and meat packing product. Hardware furnishes 5.4 per cent of the city's products; corsets, 4.6 per cent; foundry and machine shop products, 4.2 per cent; fancy and paper boxes, 2.1 per cent; and repair shops of the railroads of the state, which largely center here, 3.9 per cent. The carriage and wagon industry, which was extensive in years past, now constitutes only 3.4 per cent of the city's total output. Other industries of much importance in New Haven are, rubber boots and shoes, rubber and elastic goods, clocks, the manufacture of starch and of iron and steel.

Bridgeport's rank is second as in 1890, with products valued at $37,883,721, or 10.7 per cent of the total for the state; its per cent in 1890 was 9. Selecting some of the industries, it appears that brass castings and brass finishing constituted 10.9 per cent of the city's products in 1900; corsets, 8.5 per cent; foundry and machine shop products, 6.4 per cent; rubber and elastic goods, 1.7 per cent; and hardware, 1.7 per cent.

Waterbury retains third place, with $33,778,905, or 9.6 per cent of the products of the state; its per cent in 1890 was 7.1. This city is the great brass manufacturing center of the country. Its products of brassware constitute 24.2 per cent; brass castings and brass finishing, 15 per cent; foundry and machine shop products, 2.9 per cent; and buttons, 1.9 per cent of its total products. Waterbury makes 56.8 per cent of the stamped ware of the state. Other leading industries are lamps and reflectors; clocks; brass and copper, rolled; needles and pins; watches; plated and britannia ware; hardware; and hosiery and knit goods.

Hartford, the great insurance center of the country, has developed into a manufacturing city. It ranks fourth, with products of $31,145,715, or 8.8 per cent of the total for the state; in 1890 its per cent was 6.9. Among its leading industries are the manufacture of bicycles, the products of which in 1900 amounted to 7.9 per cent of its total products; carriages and wagons, including automobiles, 6.2 per cent; and foundry and machine shop products, 11.9 per cent. The city has a large product in rubber and elastic goods, envelopes, horseshoe nails, plated and britannia ware, and machine screws.

Meriden remains fifth of these cities, with $13,485,640, or 3.8 per cent of the value of the products of the state; its per cent in 1890 was 4.8. It returns the manufacture of 43.3 per cent of the plated and britannia ware of the state. This industry accounts for 30.6 per cent of the city's products; hardware, 12 per cent; cutlery and edge tools, 3 per cent; and foundry and machine shop products, 2.2 per cent. Gas and lamp fixtures, lamps and reflectors, window shades, musical instruments, pianos and materials,

woolen goods, and house furnishing goods are other important industries.

New Britain, the great hardware center, is sixth in rank, with $12,260,782, or 3.5 per cent of the value of the products of the state. Hardware forms 47.3 per cent of the city's products; foundry and machine shop products, 5.5 per cent. A large proportion of the cutlery and edge tools, hosiery and knit goods, stamped ware, and saddlery hardware is made here.

These 6 cities are the centers of Connecticut's manufactures; their population aggregated 355,026, or 39.1 per cent of the population of the state in 1900, and the average number of employees in their manufacturing establishments was 84,083, or 47.6 per cent of the total number in the state. Of the total wages paid these received $41,851,725, or 50.6 per cent, and the value of their products amounted to $169,316,778, or 48 per cent of the total for the state. They employed $148,266,257, or 47.1 per cent of the capital invested, and had 3,846, or 42.1 per cent of the number of establishments.

In order to show the extent of the concentration of the manufactures, the totals for the 61 cities and towns withdrawn from the enumerators are given in Table 5. This table also places the totals for the cities and towns in comparison with the totals for the entire state and the state exclusive of these cities and towns, and shows their rank in products and in population.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	PRODUCTS. Value.	PRODUCTS. Rank.	PRODUCTS. Per cent of total.	POPULATION. Total.	POPULATION. Rank.	POPULATION. Per cent of total.
Total for state	9,128	$314,696,736	9,381	176,694	$82,767,725	$28,089,806	$185,641,219	$352,824,106	-------	100.0	908,420	-------	100.0
Total for urban manufactures	7,975	289,099,474	8,211	161,744	76,288,022	21,260,484	171,982,296	325,981,131	-------	92.4	750,785	-------	82.6
Ansonia	94	6,309,281	83	3,407	1,769,361	348,682	15,051,022	18,736,179	5	5.3	12,681	13	1.4
Berlin	30	1,915,065	25	996	500,530	70,972	1,242,414	2,222,134	27	0.6	3,448	47	0.4
Bethel	47	437,800	54	780	383,252	70,204	592,921	1,229,651	40	0.3	3,327	50	0.4
Branford	40	802,721	37	908	426,952	40,871	239,507	917,147	47	0.3	5,706	33	0.6
Bridgeport	832	33,066,890	839	19,301	9,123,790	2,564,392	19,133,236	37,883,721	2	10.7	70,996	3	7.8
Bristol	143	3,764,528	135	2,476	1,188,943	207,650	2,224,314	4,364,097	19	1.2	9,643	19	1.1
Brooklyn	17	1,404,043	13	725	226,824	38,895	351,198	756,235	52	0.2	2,358	60	0.3
Danbury	283	3,636,619	344	4,296	2,017,155	406,556	3,542,000	7,213,555	11	2.0	19,474	9	2.1
Derby	84	4,328,442	79	2,311	1,116,078	302,878	1,304,256	3,456,561	21	1.0	7,930	23	0.9
East Haddam	27	390,850	27	337	104,754	73,616	209,940	482,649	57	0.1	2,485	58	0.3
East Hartford	56	866,125	57	439	212,424	82,460	475,047	923,769	45	0.3	6,406	30	0.7
East Windsor	26	751,474	24	361	158,775	224,571	541,571	1,016,216	43	0.3	3,158	53	0.3
Enfield	40	4,022,477	41	1,459	579,853	100,058	1,139,636	2,090,609	30	0.6	6,699	28	0.7
Fairfield	42	221,548	47	130	71,727	49,276	319,911	538,225	55	0.2	4,489	38	0.5
Farmington	88	554,437	39	553	226,135	54,409	352,143	802,867	50	0.2	3,331	49	0.4
Glastonbury	42	1,388,950	41	662	302,944	215,514	698,970	1,523,464	37	0.4	4,260	40	0.5
Greenwich	74	1,453,496	76	915	408,556	91,999	764,776	1,541,933	36	0.4	12,172	15	1.3
Griswold	30	2,175,383	30	813	329,266	123,772	505,748	1,173,969	41	0.3	3,490	46	0.4
Groton	16	59,070	20	94	55,820	6,032	88,731	197,106	61	0.1	5,962	31	0.7
Guilford	41	247,715	47	182	89,545	7,561	119,083	293,400	60	0.1	2,785	57	0.3
Hamden	25	801,581	25	494	204,010	35,611	373,190	757,239	51	0.2	4,626	37	0.5
Hartford	888	30,500,047	950	13,363	7,603,809	3,375,585	14,103,167	31,145,715	4	8.8	79,850	2	8.8
Huntington	64	3,121,834	63	1,622	701,333	219,959	2,267,661	3,917,477	20	1.1	5,572	34	0.6
Killingly	74	2,174,445	70	1,263	441,033	131,734	811,679	1,705,997	33	0.5	6,835	27	0.8
Manchester	93	7,330,806	98	3,118	1,370,656	194,812	3,084,627	5,939,943	12	1.7	10,601	16	1.2
Meriden	260	16,699,004	262	7,531	3,702,240	1,085,142	5,861,612	13,485,640	6	3.8	24,296	7	2.7
Middletown	188	5,100,485	203	2,916	1,199,713	237,604	2,636,493	4,825,649	17	1.4	17,486	12	1.9
Milford	43	365,464	45	325	137,326	15,447	244,282	502,036	56	0.1	3,783	43	0.4
Montville	27	1,229,620	29	655	215,810	50,514	788,588	1,252,067	39	0.4	2,395	59	0.3
Naugatuck	75	6,673,684	67	3,297	1,665,944	323,834	6,152,981	9,126,199	9	2.6	10,541	17	1.2
New Britain	226	14,115,610	232	8,438	3,841,117	956,848	5,074,396	12,260,782	7	3.5	25,998	5	2.9
New Hartford	27	870,874	24	1,006	289,244	37,237	626,927	1,089,322	42	0.3	3,424	48	0.4
New Haven	1,236	30,463,066	1,269	20,536	10,016,571	3,181,004	18,493,593	40,762,015	1	11.6	108,027	1	11.9
New London	238	4,522,003	261	2,658	1,196,218	501,879	2,804,536	5,569,615	13	1.6	17,548	11	1.9
New Milford	58	783,294	67	526	253,231	62,530	412,697	907,907	48	0.3	4,804	36	0.5
Newtown	29	449,505	29	312	146,122	23,737	597,998	878,610	49	0.2	3,276	52	0.4
Norwalk	247	4,129,841	265	3,172	1,586,509	296,075	2,261,195	5,097,720	16	1.4	19,932	8	2.2
Norwich	273	8,566,437	287	4,411	1,983,600	619,238	4,321,078	8,388,343	10	2.4	24,637	6	2.7
Orange	52	1,017,066	52	531	252,425	58,522	1,542,471	2,168,435	29	0.6	6,995	26	0.8
Plainfield	51	2,713,962	55	1,205	424,147	42,665	989,813	1,641,078	35	0.5	4,821	35	0.5
Plainville	35	399,775	83	337	136,815	17,664	232,533	460,471	59	0.1	2,189	61	0.2
Portland	28	463,585	28	497	184,361	9,822	322,432	594,397	53	0.2	3,856	42	0.4
Preston	19	650,847	24	264	96,487	38,256	288,890	477,428	58	0.1	2,807	56	0.3
Putnam	93	2,019,685	91	1,631	537,087	122,376	1,097,136	1,928,803	32	0.5	7,348	25	0.8
Seymour	35	2,148,123	32	833	439,908	45,071	2,092,580	2,947,463	24	0.8	3,541	45	0.4
Southington	65	2,783,709	55	1,415	627,604	112,884	797,102	1,994,564	31	0.6	5,890	32	0.6
Stafford	75	2,061,474	78	1,061	399,876	105,606	1,347,143	2,177,535	28	0.6	4,297	39	0.5
Stamford	185	5,189,195	208	2,841	1,432,540	464,452	2,059,725	4,743,704	18	1.3	18,839	10	2.0
Stonington	118	3,733,679	130	1,967	902,740	344,536	1,312,285	3,231,423	23	0.9	8,540	21	0.9
Thomaston	23	1,778,944	21	1,154	545,479	95,997	1,486,133	2,374,481	26	0.7	3,300	51	0.4
Thompson	19	4,511,383	19	1,766	575,567	62,236	928,432	1,645,476	34	0.5	6,442	29	0.7
Torrington	108	6,544,511	112	3,522	1,704,291	409,102	6,687,684	10,017,121	8	2.8	12,453	14	1.4
Vernon	123	5,743,445	122	2,449	928,886	419,062	3,245,493	5,499,418	14	1.6	8,483	22	0.9
Wallingford	73	5,382,134	63	2,270	1,160,551	268,756	2,813,410	5,238,280	15	1.5	9,001	20	1.0
Waterbury	404	23,421,640	382	14,914	7,564,198	1,664,050	19,821,401	33,778,905	3	9.6	45,859	4	5.0
Watertown	37	536,524	39	501	166,340	15,801	629,538	936,266	44	0.3	3,100	54	0.3
Westport	35	343,948	31	225	101,788	32,129	284,493	556,668	54	0.2	4,017	41	0.4
Winchester	133	2,971,429	136	1,746	753,192	169,955	1,529,704	2,923,822	25	0.8	7,763	24	0.9
Windham	114	5,856,194	122	2,514	948,041	209,638	1,520,562	3,436,033	22	1.0	10,137	18	1.1
Windsor	40	1,016,549	39	482	227,127	35,448	508,427	921,829	46	0.3	3,614	44	0.4
Windsor Locks	37	2,117,159	35	831	331,402	87,298	631,785	1,311,768	38	0.4	3,062	55	0.3
Total for state exclusive of urban manufactures	1,153	25,597,262	1,170	14,950	6,479,703	1,829,322	13,658,923	26,842,975	-------	7.6	157,635	-------	17.4
Per cent of urban manufactures to total for state	87.4	91.9	87.5	91.5	92.2	92.1	92.6	92.4	-------	-------	82.6	-------	-------

It appears from Table 5 that practically all of the manufacturing establishments of the state were located within the limits of the 61 cities and towns withdrawn from the enumerators and assigned to special agents. The urban manufactures constituted 87.4 per cent of the establishments of the state, used 91.9 per cent of the capital, employed 91.5 per cent of the wage-earners, paid 92.2 per cent of the wages, and produced 92.4 per cent of the products.

Of the withdrawn cities and towns, 24 having a population of less than 20,000 (see Table 9), show a product of over $2,000,000 each, and may be considered in the order of their rank in this regard.

The city of Ansonia, first in rank, reports products valued at $18,736,179, or 52.8 per cent more than those of the city of New Britain, the value of whose products is $12,260,782, and 38.9 per cent greater than those of the city of Meriden, the value of whose products is $13,485,640. It has fewer wage-earners than either of these cities, but its products consist largely of brass and copper, which greatly increases the total as compared with the miscellaneous products of the two other cities. Its proportion of the state's population is 1.4 per cent, but its proportion of the products is 5.3 per cent. Ansonia is located on the Naugatuck River just above its junction with the Housatonic. It is interesting to consider this city in connection with the city of Derby just below it, and the town of Huntington, which for manufacturing purposes is almost wholly the borough of Shelton and Derby's twin locality. Both Derby and Shelton are at the junction of the Housatonic and Naugatuck rivers and have ample water and railroad connections with important markets. This trio had a population of 26,183, or 2.9 per cent of that of the state, and they produced goods to the value of $26,110,217, or 7.4 per cent of the manufactures of the state. This proportion is greater by 0.1 per cent than the manufactures of Meriden and New Britain, although these cities exceeded the Ansonia trio in proportion of population by 2.6 per cent.

Torrington ranks second, and that prominence also is largely due to its brass and copper industry, although it has other important manufactures. Torrington and Waterbury were early centers of the brass industry, which continued up the Naugatuck Valley, where plenty of water-power was to be found.

Naugatuck is third in rank. This town is on the Naugatuck River and is one of the principal seats of the rubber goods industry, New Haven and Bridgeport being the others.

Norwich, a thriving town in the eastern part of the state, is fourth. Its principal industry is that of cotton goods, but a variety of foundry and machine shop products are also among its manufactures. Near the city, at Taftville, are the great Ponemah mills, and not far above that Jewett City, where one of the early acquired Slater mills is located. The Baltic cotton mills are also near.

The town of Danbury, in Fairfield county, is fifth in rank. The principal industry is the making of fur hats, which began late in the eighteenth century and has engaged the attention of a growing population ever since.

Manchester, in Hartford county, not far from the city of Hartford, sixth in rank, is the great broad-silk center of the state, although sewing and other silk is made in quantities in New London, Bridgeport, and Vernon, and among the hills and valleys of Tolland and Windham counties.

The city of New London, in the southeastern part of the state, is seventh. It has large silk mills, a woolen mill, foundry and machine shops, and a large biscuit factory, and is engaged in other manufacturing.

Vernon, in Tolland county, in which town is the city of Rockville, is eighth. This town is the great center of woolen and worsted goods, and has been such for many years. Besides woolen and worsted goods for men's wear, sewing silk is made in large quantities, and envelopes and paper.

Wallingford, in New Haven county, within easy reach of New Haven, is ninth in rank. It has for its chief industry the making of plated and britannia ware.

The town of Norwalk, in Fairfield county, close to New York, and directly on the Sound, is the tenth. It claims the distinction of having two cities within its borders. It is one of the centers for the manufacture of fur hats, and also has a large business in foundry and machine shop products, boots and shoes, felt goods, woolen goods, and the manufacture of paper.

The town of Middletown, in Middlesex county, ranks eleventh. The principal industries are cotton goods, silk goods, woolens, rubber and elastic goods, and plated and britannia ware.

The town of Stamford, in Fairfield county, is twelfth. Its chief manufacture is of hardware, including locks and keys of a special pattern that are widely known. It also manufactures dye stuffs and extracts, shirts, and foundry and machine shop products.

The thirteenth in rank in this group is the town of Bristol, in Hartford county. The chief industries are clock making, of which Bristol was one of the early centers, hosiery and knit goods, bells, and foundry and machine shop products.

Huntington (Shelton) is fourteenth and Derby fifteenth. These localities have been treated in a group with the city of Ansonia.

Windham ranks sixteenth. In this town is located the city of Willimantic, one of the cotton-thread centers of the country. The leading industries embrace cotton goods, silk throwing and other forms of silk manufacture, and the manufacture of fine machinery.

The town of Stonington, in New London county, adjoining the Rhode Island boundary and thus receiving some of the surplus of that state's capital and industries, is seventeenth in rank. Its chief industries are the manufacture of cotton goods, silk goods, woolen and worsted goods, printing presses, fertilizers, and shipbuilding, for which it has special advantages.

Seymour, in the county of New Haven, ranks eighteenth. Among several flourishing industries those of greatest relative importance are the manufacture of worsted goods and of edge tools.

Winchester, in which is the borough of Winsted, is situated in Litchfield county and ranks nineteenth. Clocks are its chief product. It is known as one of the early centers in this manufacture, which has made Connecticut famous the world over, and still contributes very largely to the total output. Hardware of many kinds, and undertakers' plated ware are made in large quantities. Hosiery and knit goods and silk goods are also produced.

Thomaston, in Litchfield county, near Waterbury, ranks twentieth. This is one of the early and present centers for the manufacture of clocks, brassware, and cutlery and edge tools.

Berlin, in Hartford county, ranks twenty-first. The principal products are iron and steel frames for buildings and bridges, and brick and tile.

The town of Stafford, in Tolland county, is twenty-second in rank and is a woolen center.

Orange, in New Haven county, adjoining New Haven, ranks twenty-third. Slaughtering and meat packing, pianos, buckles, and cement pipe are its chief industries.

Enfield stands twenty-fourth. In this important town of Hartford county are situated Thompsonville with its large carpet works, and Hazardville with its gunpowder factories.

The statistics of the 8 counties in Connecticut are shown in Table 6. Litchfield county leads in the per cent of increase of total products, or 78.2 per cent; Hartford is second, with 59.3 per cent; New Haven, third, with 55.4 per cent; Fairfield, fourth, with 37 per cent; New London, fifth, with 25.4 per cent; Middlesex, sixth, with 8.5 per cent. Tolland shows a decrease of 15.7 per cent and Windham a decrease of 14.5 per cent. These decreases are due largely to the falling off in the production and value of textiles, which have centered largely in these counties. Some of the factories in these industries have been removed or abandoned; small concerns in other industries have been closed. The tendency of small industries in these counties is to seek cities, or localities elsewhere in the state, from which the markets can be more easily reached.

Table 6 shows the totals of the state by counties.

Table 7 shows the totals of the state by specified industries.

Table 8 shows the totals for the cities of Bridgeport, Hartford, Meriden, New Britain, New Haven, and Waterbury by specified industries.

Table 9 shows the totals for all industries in the cities and towns withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	9,128	$314,696,736	$19,208,863	$47,663,187	$80,177,430	$167,647,256	9,381	9,981	$12,286,050	176,694	$82,767,725
2	Fairfield	1,997	54,414,625	3,282,699	6,825,993	14,494,316	29,811,617	2,131	2,111	2,587,507	35,834	16,829,931
3	Hartford	1,946	76,954,626	4,291,516	12,487,730	19,079,351	41,096,029	2,008	2,538	3,142,101	37,632	18,682,448
4	Litchfield	638	16,589,409	863,536	2,476,843	3,336,410	9,912,620	654	569	673,794	10,209	4,485,665
5	Middlesex	376	9,367,270	557,326	1,525,278	2,100,547	5,184,119	383	304	329,559	5,492	2,397,303
6	New Haven	2,575	100,301,087	7,239,194	13,182,169	24,111,607	55,768,117	2,555	3,457	4,281,500	58,436	28,959,256
7	New London	847	27,668,078	1,679,950	5,195,618	7,698,288	13,094,222	900	556	712,869	14,525	6,227,480
8	Tolland	293	9,735,955	510,739	1,310,292	1,907,498	6,007,426	290	177	219,747	4,735	1,760,587
9	Windham	456	19,665,686	783,903	4,659,264	7,449,413	6,773,106	460	269	338,973	9,831	3,425,055

TABLE 7.—MANUFACTURES BY

1	All industries	9,128	$314,696,736	$19,208,863	$47,663,187	$80,177,430	$167,647,256	9,381	9,981	$12,286,050	176,694	$82,767,725
2	Agricultural implements	5	348,221	37,000	106,850	42,275	162,096	1	19	13,330	154	62,111
3	Ammunition	5	4,780,388	174,414	718,497	1,762,800	2,124,677	9	131	268,803	4,134	2,193,270
4	Awnings, tents, and sails	26	60,530	200	1,800	8,190	50,340	35	3	2,094	71	33,090
5	Bags, paper	3	538,952	106,345	107,046	218,741	106,820	2	8	12,285	108	30,625
6	Bells	7	703,571	33,000	115,351	166,069	389,151	4	48	45,151	518	235,248
7	Belting and hose, leather	4	1,620,983	25,000	65,000	98,500	1,432,483	2	47	77,088	178	96,581
8	Bicycle and tricycle repairing	197	214,830	12,537	14,833	88,467	98,993	223	8	4,842	147	73,056
9	Bicycles and tricycles	24	4,215,399	241,675	882,071	1,487,357	1,604,296	12	263	251,091	2,139	1,150,736
10	Billiard tables and materials	3	27,888	----------	----------	415	27,473	3	2	1,400	8	5,688
11	Blacksmithing and wheelwrighting	795	1,028,087	213,245	266,509	186,184	362,149	846	4	2,550	765	442,531
12	Bookbinding and blank book making	13	45,128	1,000	2,000	20,058	22,070	12	7	6,511	58	25,834
13	Boots and shoes, custom work and repairing.	594	153,156	16,405	23,243	50,027	63,481	597	----------	----------	157	73,124
14	Boots and shoes, factory product	15	789,618	12,700	17,900	117,172	641,846	28	40	38,405	719	297,826
15	Boots and shoes, rubber	5	9,530,718	290,400	856,613	1,209,401	7,174,304	----------	107	150,396	4,217	1,986,023
16	Bottling	141	313,058	43,160	48,775	70,883	150,240	155	10	7,628	170	81,819
17	Boxes, cigar	4	9,671	200	1,000	4,300	4,171	5	1	300	25	7,852
18	Boxes, fancy and paper	34	1,422,846	50,850	111,156	575,950	684,890	16	92	100,112	1,632	552,576
19	Boxes, wooden packing	12	75,439	4,080	14,675	13,899	42,785	13	4	2,040	86	41,715
20	Brass and copper, rolled	11	11,900,134	731,489	2,123,964	2,518,401	6,526,280	2	277	382,368	5,308	2,858,013
21	Brass castings and brass finishing	26	7,164,071	352,287	857,666	1,683,562	4,270,556	20	169	299,768	4,221	2,221,333
22	Brassware	21	6,210,657	698,442	882,690	1,665,230	2,964,295	11	146	215,993	3,123	1,619,609
23	Bread and other bakery products	309	2,115,306	291,600	466,395	593,915	763,396	332	205	133,026	1,612	861,258
24	Brick and tile	36	1,164,776	325,296	326,871	201,022	311,587	39	50	48,155	889	357,752
25	Brooms and brushes	20	65,087	3,330	8,400	11,062	42,295	23	2	2,100	90	34,314
26	Buttons	11	532,178	46,400	96,000	164,728	225,050	10	24	30,812	800	305,687
27	Carpentering	547	3,002,809	317,635	406,045	364,311	1,914,818	620	115	107,223	4,439	2,744,501
28	Carpets, rag	5	11,900	1,500	4,100	2,900	3,400	6	----------	----------	16	6,640
29	Carriage and wagon materials	21	801,792	57,475	115,213	201,329	427,775	17	55	70,486	355	190,471
30	Carriages and wagons	117	5,010,816	357,694	755,588	601,652	3,295,882	137	137	158,381	2,192	1,298,096
31	Cars and general shop construction and repairs by steam railroad companies.	9	1,639,134	339,500	246,950	425,412	577,272	----------	100	78,392	1,557	943,503
32	Cheese, butter, and condensed milk, factory product.	71	274,733	18,288	91,513	76,572	88,360	49	47	24,402	166	84,863
33	Chemicals	3	311,399	8,850	21,000	146,849	134,700	----------	12	9,068	45	31,716
34	Cleansing and polishing preparations	8	58,598	2,100	15,500	8,595	32,403	6	10	19,200	44	15,745
35	Clocks	10	5,065,682	270,578	683,020	1,031,617	3,080,467	----------	123	195,978	3,929	1,907,558
36	Clothing, men's, custom work and repairing.	431	685,159	20,950	17,640	59,587	586,982	465	27	21,482	886	489,210
37	Clothing, men's, factory product	12	158,274	1,300	18,500	5,220	133,254	18	1	500	137	52,822
38	Clothing, women's, dressmaking	389	208,966	18,825	35,775	40,791	113,575	425	13	8,555	874	283,985
39	Clothing, women's, factory product	14	194,200	15,000	27,500	23,650	128,050	16	13	12,216	494	182,337
40	Coffee and spice, roasting and grinding	6	69,765	1,250	2,075	10,100	56,340	6	3	2,699	8	4,948
41	Coffins, burial cases, and undertakers' goods.	4	298,373	37,655	81,502	42,166	137,050	3	22	21,500	148	61,406
42	Confectionery	103	455,138	33,425	73,691	133,064	214,958	119	67	33,658	285	128,954
43	Cooperage	4	29,549	8,500	5,400	6,149	9,500	4	----------	----------	18	9,196
44	Cordage and twine	7	276,962	7,500	22,800	78,400	168,262	6	4	2,600	245	62,812
45	Cork, cutting	3	88,229	2,000	5,000	31,219	50,010	1	7	9,500	83	30,522
46	Corsets	24	2,978,598	112,350	436,793	350,396	2,079,059	32	337	442,552	5,755	1,796,198
47	Cotton goods	55	27,351,588	832,202	6,778,674	10,307,775	9,432,937	19	281	395,624	13,194	4,393,502
48	Cutlery and edge tools	44	5,855,752	423,432	935,571	967,252	3,529,497	21	218	277,805	4,077	2,087,198
49	Druggists' preparations, not including prescriptions.	22	143,855	11,950	28,800	13,270	89,835	23	18	40,716	101	47,180
50	Dyeing and cleaning	29	60,594	11,150	23,275	15,160	11,009	31	6	3,260	61	25,505
51	Dyeing and finishing textiles	5	3,243,744	482,100	1,004,388	929,262	827,994	----------	39	100,884	1,300	578,756
52	Electrical apparatus and supplies	17	2,513,812	69,400	174,949	422,696	1,846,767	8	142	170,490	961	405,604
53	Electrical construction and repairs	25	77,562	2,050	5,050	9,505	60,957	30	12	7,430	88	51,868
54	Electroplating	12	23,663	100	1,200	12,517	9,846	15	1	900	35	16,773
55	Engraving and diesinking	14	26,000	2,050	1,100	17,250	5,600	15	----------	----------	19	10,054
56	Engraving, steel, including plate printing.	4	4,000	----------	----------	1,800	2,200	4	----------	----------	6	2,984

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
130,610	$69,227,497	42,605	$12,873,190	3,479	$667,038	$23,089,806	$1,621,573	$1,384,047	$16,530,497	$3,553,689	$185,641,219	$180,550,473	$5,090,746	$352,824,106	1
25,538	13,834,569	9,829	2,898,512	467	96,850	4,440,709	372,316	178,959	3,442,653	446,781	33,343,386	32,400,492	942,894	67,279,450	2
30,024	16,502,556	7,129	2,077,192	479	102,700	6,116,699	348,153	327,737	3,791,030	1,649,779	33,839,667	32,728,831	1,110,836	72,224,316	3
7,785	3,815,186	2,114	611,210	310	59,269	1,018,283	114,857	72,751	725,780	104,895	13,010,043	12,606,545	403,498	21,459,964	4
4,028	1,985,217	1,283	379,209	181	32,877	490,203	25,608	58,744	346,889	58,962	4,825,744	4,690,120	135,624	9,292,586	5
44,178	24,478,679	13,407	4,305,578	851	174,999	7,446,577	541,808	502,740	5,493,528	908,501	75,301,960	73,538,478	1,763,482	134,069,985	6
10,500	5,101,789	3,624	1,057,771	401	67,920	2,315,547	131,287	104,556	1,792,919	286,785	13,318,315	12,914,678	403,637	26,538,839	7
2,900	1,248,058	1,648	480,268	187	32,261	601,811	24,591	46,978	471,309	58,933	5,810,909	5,682,443	128,466	9,792,669	8
5,657	2,261,443	3,571	1,063,450	603	100,162	659,977	62,953	91,582	466,389	39,053	6,191,195	5,988,886	202,309	12,166,297	9

SPECIFIED INDUSTRIES: 1900.

130,610	$69,227,497	42,605	$12,873,190	3,479	$667,038	$23,089,806	$1,621,573	$1,384,047	$16,530,497	$3,553,689	$185,641,219	$180,550,473	$5,090,746	$352,824,106	1
154	62,111					9,961	460	2,519	6,982		76,132	67,640	8,492	194,746	2
2,614	1,727,124	1,509	463,205	11	2,941	919,039	240	32,658	886,141		5,200,307	5,105,876	94,431	9,823,712	3
48	25,713	23	7,377			5,996	4,171	132	1,693		55,093	54,262	831	130,784	4
31	14,813	77	15,812			12,687	1,600	749	10,338		174,501	172,571	1,930	358,361	5
452	216,385	64	18,352	2	511	62,128	1,250	3,899	56,979		417,959	405,793	12,166	866,346	6
166	93,170	7	1,976	5	1,435	20,053	1,986	2,756	15,311		906,229	901,766	4,463	1,224,182	7
143	72,325	1	150	3	581	29,443	20,515	677	7,606	645	147,092	141,972	5,120	386,557	8
1,995	1,107,485	104	34,662	40	8,589	323,629	26,653	15,656	277,866	3,454	1,720,249	1,684,834	35,415	3,672,225	9
7	5,328	1	360			1,461	1,250	71	140		48,031	47,865	166	80,817	10
763	442,231			2	300	72,634	51,034	5,947	14,884	769	476,396	450,440	25,956	1,691,878	11
33	18,388	22	7,044	3	402	4,204	2,526	285	1,318	75	36,527	36,187	340	94,517	12
156	72,969			1	155	56,905	50,877	698	5,208	122	184,519	177,800	6,719	606,419	13
456	221,629	254	74,932	9	1,265	117,372	7,691	1,979	72,702	35,000	986,555	979,892	6,663	1,517,364	14
2,461	1,326,809	1,739	653,826	17	5,388	405,852	11,000	40,417	354,435		7,176,701	7,105,073	71,628	11,999,038	15
164	80,227	5	1,442	1	150	36,688	13,985	1,896	20,807		459,055	456,867	2,188	774,983	16
9	3,100	16	4,752			1,296	1,010	30	256		18,137	17,753	384	34,887	17
552	265,508	1,028	278,344	52	8,724	68,306	29,894	4,776	33,636		921,522	907,914	13,608	2,057,449	18
73	37,131	13	4,584			9,029	3,320	574	4,363	772	104,586	101,773	2,813	186,191	19
4,980	2,760,292	312	94,125	16	3,596	610,164	650	60,816	548,698		24,133,559	23,618,538	515,021	29,787,282	20
3,492	1,968,631	686	243,482	43	9,220	367,656	4,488	30,809	326,558	5,801	5,770,875	5,592,341	178,534	9,470,427	21
2,319	1,368,127	699	233,854	105	17,628	355,208	8,394	26,228	319,373	1,213	6,281,536	6,127,384	154,152	9,269,159	22
1,383	797,971	207	58,163	22	5,124	326,397	67,339	10,149	248,909		2,914,802	2,837,542	77,260	5,208,694	23
878	355,053	7	1,970	4	729	44,697	4,130	5,412	35,155		133,809	21,897	111,912	725,359	24
67	28,107	23	6,207			3,031	1,495	295	1,241		64,119	63,131	988	133,899	25
305	169,763	460	132,018	35	3,906	117,643	3,979	3,681	37,751	72,232	430,187	418,827	11,360	1,087,235	26
4,436	2,743,621	3	880			1,896,826	38,275	12,918	90,334	1,755,299	4,988,943	4,965,783	23,160	11,390,681	27
14	5,740	2	900			886	630	46	210		2,448	2,190	258	13,150	28
351	189,444	4	1,027			64,492	7,610	4,296	41,469	11,117	412,708	402,296	10,412	863,010	29
2,184	1,294,443	7	3,445	1	208	161,571	22,728	18,889	117,547	2,407	1,532,351	1,480,967	51,384	4,205,723	30
1,551	941,296	6	2,207			41,879			41,879		1,866,281	1,352,111	14,170	2,430,056	31
161	83,793	4	1,020	1	50	21,266	2,508	1,376	14,320	3,062	881,614	872,872	8,742	1,093,703	32
45	31,716					8,877	4,000	608	4,269		105,105	95,881	9,224	290,320	33
32	12,003	12	3,742			9,875	639	150	9,086		35,702	35,143	559	103,437	34
2,969	1,561,181	838	318,278	122	28,099	240,804	650	22,791	217,363		1,825,425	1,791,915	33,510	4,545,047	35
754	451,724	117	35,278	15	2,208	262,089	87,222	2,596	26,735	145,536	838,397	827,203	11,194	2,144,401	36
68	35,866	69	16,956			5,732	2,227	235	3,145	125	157,227	156,344	883	279,850	37
76	47,768	793	235,682	5	535	56,378	44,360	1,080	6,678	4,260	406,908	399,404	7,504	1,071,418	38
53	35,410	436	146,927			12,717	4,600	819	7,218	80	225,498	223,511	1,987	614,855	39
7	4,636	1	312			6,885	1,370	392	5,123		125,818	123,803	2,015	165,974	40
106	50,506	42	10,900			3,798	300	1,378	2,120		132,821	130,975	1,846	274,618	41
207	107,841	74	20,707	4	406	70,835	28,650	2,497	39,688		453,700	443,458	10,242	942,480	42
18	9,196					886	260	283	343		17,361	16,969	392	32,048	43
132	39,076	110	23,196	3	540	6,023	387	1,362	4,274		178,895	176,699	2,196	284,713	44
63	26,446	17	3,670	3	406	12,471	4,050	473	7,948		61,043	57,507	3,536	131,011	45
603	326,627	5,033	1,432,321	119	37,250	268,492	9,183	17,796	241,513		3,179,304	3,144,738	34,566	6,846,964	46
6,918	2,649,147	5,344	1,591,688	932	152,667	1,288,506	14,558	127,917	1,092,427	53,604	7,535,926	7,293,305	242,621	15,489,442	47
3,696	1,972,032	323	90,466	58	24,700	335,952	5,100	33,388	295,286	2,178	1,904,968	1,825,961	79,007	5,362,620	48
51	27,086	50	20,094			91,640	1,103	723	77,764	12,050	110,384	106,147	4,237	355,455	49
35	17,996	25	7,365	1	144	8,028	6,052	232	1,744		14,060	11,700	2,360	76,557	50
1,015	507,632	238	61,689	47	9,435	216,075		16,084	192,063	7,928	907,377	785,642	121,735	2,269,967	51
690	336,112	270	69,307	1	185	222,400	7,240	4,797	210,063	300	1,973,715	1,954,315	19,400	3,167,842	52
88	51,868					7,327	3,454	590	3,283		168,459	168,032	427	288,526	53
35	16,773					3,410	2,799	107	504		8,554	6,845	1,709	47,302	54
18	9,954			1	100	2,950	1,489	75	816	570	2,622	1,993	629	38,615	55
4	2,320	2	664			1,124	840	6	228	50	2,570	2,465	105	13,000	56

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
57	Engraving, wood	8	$8,550			$2,675	$5,875	10	1	$360	13	$11,575
58	Envelopes	4	1,570,369	$112,300	$309,724	653,300	495,045		44	48,071	589	260,300
59	Fancy articles, not elsewhere specified	6	199,429	2,000	13,640	28,316	155,473	5	19	28,315	129	40,811
60	Fertilizers	9	382,518	30,000	48,669	66,766	237,083	8	30	28,063	133	53,708
61	Files	4	18,928	1,250	2,400	3,900	11,378	5	2	1,200	24	11,140
62	Firearms	8	2,825,140	134,000	483,000	898,602	1,309,538	4	51	73,575	1,144	725,938
63	Flavoring extracts	9	37,786	100	150	1,480	36,056	10	8	6,100	18	6,750
64	Flouring and grist mill products	208	1,565,478	204,677	434,477	300,394	625,930	243	42	26,621	283	99,309
65	Food preparations	7	111,919	45,810	20,650	14,278	31,181	3	11	7,144	50	19,875
66	Foundry and machine shop products	260	23,020,068	1,501,540	3,861,488	5,761,976	11,895,064	198	786	1,101,882	12,646	6,948,309
67	Fruits and vegetables, canning and preserving.	5	91,463	2,450	21,232	29,496	38,285	2	7	3,260	100	24,967
68	Fur goods	19	94,393	4,800	3,600	6,121	79,872	21	6	2,820	69	31,572
69	Fur hats	58	3,197,551	113,788	323,388	714,116	2,046,259	85	173	172,780	4,868	2,414,561
70	Furnishing goods, men's	3	25,458	800	4,000	6,109	14,549	2	5	2,412	61	17,216
71	Furniture, cabinetmaking, repairing, and upholstering.	123	222,334	24,350	17,650	55,643	124,691	140	15	10,787	261	136,435
72	Furniture, factory product	9	277,274	12,000	30,900	60,367	174,007	9	24	20,162	208	100,715
73	Gas and lamp fixtures	4	1,350,405	56,100	150,228	208,914	935,163	2	54	73,230	859	413,626
74	Gas, illuminating and heating	21	7,905,946	619,043	649,105	5,551,596	1,086,202		134	117,238	354	231,102
75	Glass, cutting, staining, and ornamenting.	8	100,483	1,000	2,000	17,600	79,883	10	9	8,334	122	56,127
76	Grease and tallow	13	97,696	10,725	30,500	29,350	27,121	14	4	4,600	50	24,896
77	Hairwork	11	5,080	500	300	1,055	3,225	11	1	150	13	3,958
78	Hand stamps	7	19,825			5,900	13,925	8	2	840	5	2,060
79	Hardware	63	21,694,351	1,375,906	3,166,560	5,386,115	11,765,770	39	827	938,668	12,056	5,664,046
80	Hardware, saddlery	8	755,083	58,234	137,486	149,798	409,565	6	42	65,630	724	312,804
81	Hat and cap materials	14	441,553	50,200	67,604	119,302	204,447	21	6	6,050	298	101,741
82	Hats and caps, not including fur hats, and wool hats.	15	94,595			23,079	71,516	18	3	3,300	397	150,738
83	Hosiery and knit goods	25	6,149,338	160,000	632,590	1,306,134	4,050,614	12	101	159,300	3,243	1,131,078
84	House furnishing goods, not elsewhere specified.	7	2,709,941	145,500	452,295	523,500	1,588,646	5	53	115,387	721	302,046
85	Ice, manufactured	5	316,722	47,000	71,843	171,843	26,036	5	15	17,681	38	21,041
86	Instruments, professional and scientific	5	143,483	15,200	29,600	21,650	77,033	2	13	23,969	126	55,417
87	Iron and steel	8	4,986,147	424,101	582,827	1,602,916	2,376,303		74	109,875	1,828	959,825
88	Iron and steel, bolts, nuts, washers, and rivets.	13	1,337,986	44,077	131,086	485,031	677,792	10	51	80,207	1,164	442,666
89	Iron and steel, forgings	10	1,522,189	73,137	156,026	365,920	927,106		36	47,438	336	169,162
90	Iron and steel, nails and spikes, cut and wrought, including wire nails.	4	1,209,201	83,185	187,925	370,462	567,629		123	113,800	428	180,545
91	Ironwork, architectural and ornamental.	6	1,205,813	22,800	97,600	218,520	866,893	6	32	81,515	541	309,979
92	Ivory and bone work	4	113,813	3,900	37,439	20,843	51,631	2	7	6,380	97	39,451
93	Kaolin and other earth grinding	4	57,158	600	3,430	32,000	21,128	3	1	780	45	17,719
94	Lamps and reflectors	9	2,218,695	120,334	243,618	412,362	1,442,381	4	93	159,554	1,620	711,729
95	Leather goods	5	11,035	600	550	3,485	6,400	5			4	2,320
96	Leather, tanned, curried, and finished	7	639,408	65,500	97,209	59,342	417,357	10	12	13,506	179	90,058
97	Lime and cement	11	250,392	71,720	65,550	26,915	86,207	10	12	9,640	171	71,938
98	Liquors, distilled	15	200,442	12,295	44,450	44,425	99,272	16	4	5,000	20	11,205
99	Liquors, malt	20	3,108,778	193,761	958,722	804,297	1,151,998	20	81	132,897	344	278,946
100	Lock and gun smithing	27	37,137	100	300	13,175	23,562	28	2	700	27	14,659
101	Looking-glass and picture frames	37	120,592			8,637	111,955	42	8	4,970	47	27,629
102	Lumber and timber products	200	1,188,965	355,102	108,088	309,640	416,135	249	30	16,296	788	306,915
103	Lumber, planing mill products, including sash, doors, and blinds.	40	1,909,945	399,540	186,727	249,588	1,074,090	39	88	84,365	776	406,102
104	Marble and stone work	50	904,896	229,265	134,424	256,821	284,386	55	32	27,255	1,066	483,811
105	Masonry, brick and stone	233	1,404,277	218,323	154,492	161,036	870,426	269	77	71,536	2,884	1,525,239
106	Mattresses and spring beds	11	116,273	7,600	6,300	32,804	69,569	13	9	9,250	84	33,452
107	Millinery and lace goods	6	65,750	1,000	1,000	14,950	48,800	8	3	2,080	105	37,778
108	Millinery, custom work	237	541,350	26,500	41,250	18,249	455,351	277	43	12,911	673	255,153
109	Mineral and soda waters	74	318,882	39,100	58,325	134,684	86,773	89	16	10,100	162	78,477
110	Models and patterns	16	30,370	2,200	1,500	13,700	12,970	17			37	23,212
111	Monuments and tombstones	65	322,288	57,125	43,000	41,286	180,877	75	19	11,857	274	171,468
112	Mucilage and paste	3	9,661	1,500	900	2,712	4,549	5			4	2,000
113	Musical instruments, organs and materials.	5	81,250	1,400	6,700	11,500	61,650	6	14	13,900	79	44,145
114	Musical instruments, pianos and materials.	10	3,505,205	85,564	337,851	292,762	2,789,028		70	131,807	1,784	845,621
115	Needles and pins	13	2,250,021	48,200	151,200	370,371	1,680,250	10	62	87,841	1,238	533,293
116	Oil, essential	5	65,500	11,700	32,100	11,200	10,500	4	2	2,000	8	2,957
117	Oil, not elsewhere specified	3	5,613			513	5,100	2			3	1,100
118	Optical goods	7	29,455			5,365	24,090	12	1	600	13	6,445
119	Painting, house, sign, etc	423	738,526	46,130	69,880	94,294	528,222	466	44	30,222	1,608	968,251
120	Paper and wood pulp	49	3,968,152	445,655	1,048,294	1,236,672	1,237,531	36	115	151,600	1,425	633,413
121	Paper hanging	25	67,580	1,160	725	6,085	59,610	25	16	10,820	170	102,028
122	Patent medicines and compounds	46	615,149	46,824	79,291	67,977	421,057	38	117	114,030	153	72,111
123	Paving and paving materials	52	447,782	72,060	42,710	132,740	200,272	56	41	43,913	605	274,770
124	Perfumery and cosmetics	5	112,335	200	1,200	8,265	102,670	3	20	11,520	40	7,560
125	Photography	110	187,348	6,450	10,000	105,013	65,885	124	12	7,108	111	55,929
126	Photolithographing and photoengraving.	6	62,959			20,333	42,626	5	7	6,656	38	19,843

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
13	$11,575					$2,646	$395	$16	$470	$1,265	$1,566	$1,462	$104	$27,195	57
201	121,057	384	$138,855	4	$388	80,189		7,463	72,726		929,926	920,046	9,880	1,482,317	58
55	24,685	70	15,646	4	480	18,022	1,310	465	16,157	90	90,862	88,782	2,080	215,229	59
113	48,319	20	5,389			19,754	400	1,164	18,190		228,242	221,824	6,418	390,805	60
24	11,140					1,390	508	97	725	60	3,503	3,172	331	27,209	61
1,141	724,982	2	800	1	156	156,665	5,402	9,796	139,867	1,600	309,152	286,510	22,642	1,476,870	62
5	3,000	13	3,750			9,611	1,146	71	8,394		63,546	62,972	574	107,890	63
227	97,554	6	1,755			32,083	3,989	10,339	17,330	425	1,845,545	1,824,506	21,039	2,268,859	64
16	8,387	34	11,488			19,542	1,272	589	17,681		42,844	40,744	2,100	130,952	65
12,338	6,872,781	229	60,578	79	14,950	1,097,036	74,651	98,704	898,707	24,974	6,683,689	6,222,338	461,351	18,991,079	66
35	12,203	64	12,614	1	150	1,985		200	1,785		81,887	80,719	1,168	124,280	67
21	16,411	48	15,161			12,707	4,487	402	5,818	2,000	71,857	71,331	526	162,280	68
3,405	1,966,174	1,458	447,029	5	1,358	392,152	30,864	11,979	313,683	35,626	3,685,748	3,565,864	119,884	7,546,882	69
8	3,840	52	13,106	1	270	2,347	180	50	2,117		41,081	40,706	375	100,279	70
249	132,872	11	3,363	1	200	31,802	19,940	1,096	8,866	1,900	196,190	192,107	4,083	512,797	71
199	98,065	9	2,650			27,698	2,747	788	19,563	4,600	253,533	251,524	2,009	488,738	72
722	377,946	86	24,980	51	10,700	49,972	180	8,575	41,217		348,825	329,376	19,449	987,777	73
354	231,102					332,398	33,975	61,253	237,170		362,248	338,606	23,642	1,421,014	74
81	44,577	41	11,550			4,447	2,369	518	1,560		47,926	46,461	1,465	142,572	75
50	24,896					8,106	1,045	394	6,667		236,084	231,885	4,199	328,262	76
1	780	12	3,173			2,712	2,490	25	197		7,573	7,431	142	23,055	77
1	700	4	1,360			4,315	1,493	56	2,731	35	7,061	6,818	243	26,097	78
10,099	5,156,178	1,631	440,696	326	67,172	1,333,779	15,489	99,173	1,203,117	16,000	6,576,620	6,305,849	270,771	16,301,198	79
574	278,025	148	34,574	2	205	115,765	1,900	5,927	107,938		393,571	363,503	30,068	1,022,856	80
240	86,587	56	14,754	2	400	23,570	3,510	1,958	18,102		365,954	356,648	9,306	587,819	81
162	76,750	234	73,788	1	200	15,298	9,012	503	4,883	900	306,580	300,776	5,804	551,190	82
966	447,414	2,181	666,597	96	17,067	205,658	12,370	23,990	154,698	14,600	2,202,640	2,155,037	47,603	4,043,977	83
525	254,324	187	45,673	9	2,049	131,922	670	7,453	111,799	12,000	1,302,730	1,287,722	15,008	2,237,770	84
38	21,041					11,363	750	1,544	9,069		16,014	4,548	11,466	95,304	85
49	29,081	77	26,336			20,458	120	876	19,462		49,903	48,546	1,357	187,598	86
1,813	956,465	12	2,587	3	773	198,067		21,831	176,236		2,348,411	2,058,771	289,640	4,318,431	87
948	390,273	197	48,539	19	3,854	47,938	440	5,267	42,231		539,270	506,501	32,769	1,330,083	88
332	168,006	4	1,156			30,279	3,373	4,330	21,976	600	206,184	181,623	24,561	533,673	89
273	142,883	155	37,662			161,193	600	4,940	155,653		299,097	289,955	9,142	1,157,724	90
538	308,179	8	1,800			36,425	200	1,812	31,060	3,353	1,093,609	1,076,787	16,822	1,729,976	91
77	33,267	20	6,184			4,658		486	4,172		75,385	73,619	1,766	146,200	92
45	17,719					8,538	6,000	421	2,117		31,152	26,772	4,380	82,887	93
1,027	493,242	560	205,133	33	13,354	136,742	1,250	9,873	125,619		1,176,153	1,149,873	26,280	2,356,348	94
4	2,320					1,189	495	24	670		8,098	7,954	144	17,575	95
168	87,158	11	2,900			23,087	1,000	2,837	19,250		681,399	674,725	6,674	891,478	96
171	71,938					21,932	447	1,205	8,547	11,733	148,752	89,747	59,005	286,640	97
20	11,205					179,152		862	178,290		49,471	42,068	7,403	292,057	98
342	278,781	2	165			1,156,308	5,800	21,146	1,129,362		639,555	583,776	55,779	2,652,819	99
23	13,159	3	1,200	1	300	4,473	3,638	153	682		13,518	12,679	839	54,408	100
45	26,904	1	575	1	150	9,775	6,723	357	2,245	450	104,130	103,216	914	187,881	101
788	306,915					36,799	2,664	5,693	24,342	4,100	902,391	902,391		1,818,643	102
776	406,102					86,795	7,721	10,469	68,605		1,510,940	1,499,743	11,197	2,298,810	103
1,058	482,511			5	1,300	20,840	5,979	3,884	8,612	2,365	307,699	292,162	15,537	997,272	104
2,877	1,524,129			7	1,110	731,284	13,516	6,193	66,214	645,361	1,954,890	1,947,234	7,656	5,024,872	105
70	29,059	14	4,393			13,307	3,088	667	7,962	1,590	99,831	97,737	2,094	214,542	106
5	3,437	100	34,341			4,513	2,635	338	1,540		142,386	142,001	385	234,323	107
24	11,798	645	242,587	4	768	89,459	63,081	3,197	21,146	2,035	826,392	819,248	7,144	1,540,513	108
162	78,477					31,433	7,963	1,952	21,518		159,063	155,101	3,962	437,410	109
36	23,012			1	200	3,224	2,540	113	571		13,377	11,653	1,724	60,898	110
274	171,468					21,612	4,124	2,409	8,807	6,272	207,432	204,155	3,277	541,087	111
4	2,000					422	180	24	218		7,210	6,884	326	14,961	112
73	41,767	5	1,774	1	604	8,880	2,100	170	5,510	1,100	50,172	48,105	2,067	138,952	113
1,656	813,470	124	31,362	4	789	162,433	3,975	12,863	134,257	11,338	1,520,203	1,486,625	33,578	3,256,816	114
581	321,207	566	195,828	91	16,258	177,503	78,300	10,145	88,344	714	708,323	695,194	13,129	1,761,806	115
7	2,503	1	454			2,260	10	235	1,615	400	29,208	28,958	250	45,530	116
8	1,100					1,735	450	10	1,275		6,464	6,451	13	13,620	117
13	6,445					5,072	2,780	138	2,154		30,156	29,628	528	59,893	118
1,584	962,081	22	5,620	2	550	71,298	39,135	3,185	27,338	1,640	687,053	681,950	5,103	2,315,860	119
1,157	562,523	268	70,890			279,962	3,255	19,521	256,986	200	1,982,080	1,770,328	211,752	3,565,021	120
170	102,028					11,037	5,367	389	5,331		82,353	81,794	559	242,194	121
111	58,554	42	13,557			175,166	7,428	5,792	159,038	2,908	303,386	295,429	7,957	887,120	122
605	274,770					27,104	4,389	2,638	18,522	1,555	362,621	350,220	12,401	877,952	123
7	2,430	33	5,130			72,541	715	76	71,750		43,398	43,222	176	198,629	124
71	41,164	38	14,486	2	279	44,221	32,987	760	9,329	1,145	97,822	94,234	3,588	353,528	125
32	18,452	6	1,391			9,364	1,436	270	6,698	960	10,679	9,432	1,247	54,916	126

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
127	Pickles, preserves, and sauces	6	$45,979	$3,350	$6,500	$5,720	$30,409	10	9	$4,442	36	$13,096
128	Plastering and stuccowork	18	14,650	1,350	725	3,335	9,240	23			47	29,433
129	Plated and britannia ware	26	13,067,209	487,710	1,745,832	3,456,194	7,377,473	3	253	506,562	4,491	2,293,017
130	Plumbers' supplies	5	774,388	34,333	71,667	128,505	539,883		54	28,824	312	162,761
131	Plumbing, and gas and steam fitting	334	1,757,934	111,175	168,975	230,399	1,247,385	373	151	104,483	1,775	1,050,288
132	Pottery, terra cotta, and fire-clay products.	8	283,862	32,450	94,097	56,323	100,992	8	18	23,201	138	65,036
133	Printing and publishing, book and job	153	1,988,754	144,600	226,380	808,559	809,215	151	132	112,359	980	501,405
134	Printing and publishing, newspapers and periodicals.	116	2,289,658	199,600	309,243	1,098,895	681,920	85	238	235,655	1,151	703,587
135	Printing materials	3	29,200			15,200	14,000	4			12	6,792
136	Roofing and roofing materials	22	59,868	8,000	6,300	7,985	37,583	27	2	562	72	40,923
137	Rubber and elastic goods	22	6,094,867	334,447	843,200	1,355,131	3,562,089	8	255	303,532	3,006	1,136,162
138	Saddlery and harness	157	434,389	17,945	60,900	52,474	303,070	164	24	13,152	356	181,651
139	Sausage	11	26,341	700	1,000	14,250	10,391	12	1	780	26	14,330
140	Screws, machine	4	1,182,061	39,000	161,619	322,404	659,038	1	25	32,374	562	286,553
141	Sewing machine repairing	3	1,675			115	1,560	4			1	250
142	Sewing machines and attachments	7	5,216,570	169,256	466,810	797,252	3,783,252	3	53	87,563	2,104	1,176,622
143	Ship and boat building, wooden	35	601,871	121,900	118,730	80,939	280,302	37	12	14,012	915	451,086
144	Shirts	18	415,473	75,100	100,225	96,557	143,591	15	22	23,796	803	242,317
145	Shoddy	7	494,074	30,050	66,650	67,651	329,723	13	8	8,191	118	44,163
146	Silk and silk goods	38	12,166,775	282,294	1,597,352	2,061,799	8,225,330	23	323	403,423	6,514	2,892,873
147	Slaughtering and meat packing, wholesale.	5	411,750	51,500	104,500	60,250	195,500	8	30	31,752	368	167,925
148	Slaughtering, wholesale, not including meat packing.	7	150,814	25,500	51,885	5,460	67,969	5	7	4,910	12	6,314
149	Smelting and refining, not from the ore	5	66,925	10,500	11,600	9,950	34,875	5	4	3,680	103	55,849
150	Soap and candles	16	558,955	19,450	94,714	75,309	369,482	14	36	27,850	155	61,982
151	Sporting goods	4	327,641	24,000	36,000	117,900	149,741	2	17	18,678	220	125,680
152	Springs, steel, car and carriage	3	117,700	43,500	32,300	5,200	36,700	1	4	7,800	51	36,648
153	Stamped ware	14	1,375,677	75,250	195,773	419,816	684,838	7	52	85,418	1,562	639,628
154	Starch	8	377,400	19,900	21,950	157,845	177,705	7	92	57,180	113	40,128
155	Steam fittings and heating apparatus	7	537,751	27,000	67,571	97,236	345,944	2	38	50,470	224	118,119
156	Stereotyping and electrotyping	4	47,142			25,605	21,537	5	6	3,780	57	39,976
157	Surgical appliances	4	8,500	350	550	2,650	4,950	5			4	2,040
158	Tinsmithing, coppersmithing and sheet-iron working	107	429,550	33,700	68,520	75,247	252,083	104	37	28,362	437	260,976
159	Tobacco, cigars and cigarettes	216	863,591	25,010	61,050	29,494	748,037	238	26	28,955	1,032	570,841
160	Tobacco, stemming and rehandling	3	43,050	400	2,500	150	40,000	4	2	872	26	8,705
161	Tools, not elsewhere specified	27	671,755	44,575	136,422	209,497	281,261	33	34	33,178	463	227,349
162	Toys and games	9	261,108	8,200	40,800	41,185	170,923	9	15	15,106	177	69,695
163	Trunks and valises	4	24,800			4,800	20,000	3	1	210	34	15,010
164	Typewriters and supplies	4	1,142,454	66,850	75,500	429,217	570,887	1	24	39,104	693	374,452
165	Umbrellas and canes	5	64,555	2,000	8,000	18,350	36,205	5	5	4,065	70	29,363
166	Upholstering materials	4	155,280	17,025	31,025	60,365	46,865	1	13	11,127	115	41,877
167	Varnish	8	373,962	22,400	25,454	25,072	301,036	6	17	21,550	32	19,250
168	Vinegar and cider	67	116,557	10,077	32,094	46,777	27,609	73			46	17,831
169	Watch and clock materials	5	44,284	5,775	7,230	17,337	13,942	5	1	400	27	15,956
170	Watch, clock, and jewelry repairing	223	171,659	7,880	9,520	66,265	87,994	252	2	500	155	97,381
171	Window shades	3	660,761	4,536		288,789	367,436	4	9	10,430	266	100,617
172	Wirework, including wire rope and cable.	21	1,320,498	105,660	262,968	404,782	547,088	22	51	74,274	791	349,997
173	Wood, turned and carved	32	314,243	30,972	60,785	103,357	119,129	34	12	9,566	210	92,703
174	Woolen goods	51	9,140,066	395,966	1,458,743	2,012,192	5,273,165	45	144	191,357	4,668	1,760,917
175	Worsted goods	10	5,054,659	266,900	492,208	849,305	3,446,246	1	56	121,783	2,198	846,901
176	All other industries[1]	101	15,565,236	594,882	2,005,635	4,377,002	8,587,717	84	327	497,175	5,588	2,595,932

[1] Embraces artificial limbs, 1; bags, other than paper, 1; baskets, and rattan and willow ware, 2; belting and hose, rubber, 1; blacking, 2; bluing, 1; bone, ivory, and lamp black, 1; brass, 2; bridges, 2; bronze castings, 2; cardboard, 1; card cutting and designing, 1; carpets and rugs, other than rag, 2; carriages and sleds, children's, 2; cars and general shop construction and repairs by street railroad companies, 2; charcoal, 1; cheese and butter, urban dairy products, 1; china decorating, 1; combs, 1; copper, smelting and refining, 2; cordials and sirups, 1; cotton small wares, 2; crucibles, 1; dentists' materials, 1; dye stuffs and extracts, 2; emery wheels, 2; enameling and enameled goods, 2; explosives, 1; felt goods, 2; fireworks, 2; furs, dressed, 1; gas and oil stoves, 1; gas machines and meters, 2; gloves and mittens, 1; glue, 1; gold and silver, leaf and foil, 2; gold and silver, reducing and refining, not from the ore, 1; hammocks, 1; hones and whetstones, 1;

TABLE 8.—MANUFACTURES IN CITIES

BRIDGEPORT.

1	All industries	832	$33,066,890	$2,047,221	$3,775,717	$8,653,129	$18,590,823	839	1,163	$1,498,768	19,301	$9,123,790
2	Bicycle and tricycle repairing	20	18,975	850	850	7,815	9,460	21	1	150	10	5,511
3	Blacksmithing and wheelwrighting	37	29,935	2,300	3,250	8,245	16,140	42			46	26,632
4	Boots and shoes, custom work and repairing.	77	14,435	600	1,490	5,160	7,185	76			25	13,269
5	Bottling	17	37,832	8,500	7,050	4,917	17,365	18	1	850	14	5,508
6	Brass castings and brass finishing	9	2,724,227	129,000	222,000	377,245	1,995,982	5	95	153,598	1,887	977,669
7	Bread and other bakery products	41	310,417	95,475	53,900	58,563	102,479	42	36	18,836	186	110,725
8	Carpentering	56	385,312	52,900	54,600	42,187	235,625	67	16	11,690	698	438,444
9	Carriages and wagons	9	665,133	76,200	27,000	38,303	523,630	9	16	13,451	207	122,843
10	Clothing, men's, custom work and repairing.	48	56,275			4,800	51,475	50	1	600	110	59,694
11	Clothing, women's, dressmaking	70	55,767	8,200	14,750	6,147	26,670	78	1	520	143	49 549

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
33	$12,334	8	$762			$7,575	$725	$259	$6,591		$25,118	$24,349	$769	$62,827	127
47	29,433					3,962	987	35	1,165	$1,775	23,011	22,857	154	79,839	128
3,733	2,085,049	709	200,370	49	$7,598	582,635	9,395	44,670	528,570		4,679,220	4,608,325	70,895	9,538,397	129
282	154,661	16	5,400	14	2,700	31,895	1,150	4,588	26,157		209,297	198,881	10,416	452,348	130
1,761	1,047,234	5	1,712	9	1,342	149,565	78,079	7,430	63,089	967	1,847,377	1,830,518	16,859	3,927,684	131
126	62,610	12	2,426			11,129	535	956	9,638		41,851	28,915	12,936	172,843	132
760	437,114	210	62,704	10	1,587	316,526	43,495	8,609	91,818	172,604	565,382	548,738	16,644	1,877,759	133
958	640,227	162	60,393	31	2,967	294,604	33,094	12,216	210,530	38,764	432,772	398,198	34,574	2,129,073	134
9	6,134	2	450	1	208	1,401	852	14	535		17,671	17,135	536	31,046	135
72	40,923					6,135	1,596	139	4,275	125	114,275	113,607	668	198,579	136
1,681	765,776	1,187	349,708	138	20,678	452,293	14,286	22,145	403,212	12,650	5,697,899	5,610,702	87,197	8,246,240	137
328	174,132	22	6,221	6	1,298	50,611	22,948	2,757	24,252	654	368,310	363,870	4,440	782,518	138
26	14,330					5,678	4,396	105	1,177		120,273	117,752	2,521	178,809	139
492	266,637	70	19,916			20,148	800	5,089	14,259		331,609	317,034	14,575	736,105	140
1	250					487	390	12	85		223	148	75	2,770	141
1,947	1,131,310	141	42,912	16	2,400	265,786	12,800	12,482	125,994	114,510	966,567	934,962	31,605	3,170,137	142
915	451,086					13,529	3,227	1,885	7,547	870	680,213	673,908	6,305	1,227,120	143
160	58,799	634	182,418	9	1,100	25,133	7,625	1,128	15,265	1,115	291,680	284,179	7,501	680,342	144
101	40,461	7	1,402	10	2,300	33,601	4,345	1,559	18,721	8,976	362,438	354,308	8,130	537,733	145
2,763	1,350,543	3,585	1,013,498	166	28,832	637,450	30,202	36,506	353,489	217,253	7,198,008	7,101,091	96,917	12,378,981	146
368	167,925					69,913	600	5,859	63,454		2,923,511	2,904,411	19,100	3,380,112	147
10	5,904	2	410			6,808	640	888	5,280		220,079	219,769	310	283,281	148
49	38,449	54	17,400			4,052	1,712	1,105	1,235		147,742	143,465	4,277	242,192	149
96	50,426	39	8,556	20	3,000	223,333	1,130	2,118	220,085		333,983	324,799	9,184	941,001	150
203	120,163	17	5,517			54,080	219	1,161	52,700		212,183	209,017	3,166	495,961	151
51	36,648					3,689		1,197	2,492		50,223	46,733	3,490	116,906	152
818	423,885	661	192,837	83	22,906	45,064	2,690	6,535	35,839		757,795	739,796	17,999	1,716,552	153
106	37,838	5	1,990	2	300	57,366	1,180	1,576	52,222	2,388	285,830	284,450	1,380	591,000	154
224	118,119					23,413	2,524	2,448	16,041	2,400	282,856	274,659	7,697	598,220	155
57	39,976					10,540	2,545	43	7,802	150	12,152	10,491	1,661	92,431	156
4	2,040					1,261	456	8	747	50	4,078	4,013	65	19,000	157
434	260,361			3	615	35,159	15,071	1,954	18,094	40	376,269	370,835	5,434	900,784	158
806	500,249	205	67,075	20	3,517	207,841	26,450	10,741	170,650		672,340	667,730	4,610	1,775,829	159
26	8,705					648	40	141	467		65,944	65,784	160	82,404	160
413	215,344	44	10,470	6	1,535	41,197	2,605	2,987	34,955	650	180,425	170,547	9,878	614,072	161
135	58,666	28	8,625	14	2,404	37,208	3,874	17,608	3,426	12,300	75,164	71,674	3,490	227,531	162
24	11,174	10	3,836			1,817	1,310	47	460		29,213	28,680	533	57,850	163
588	340,486	97	31,806	8	2,160	41,876	812	2,660	38,404		162,502	157,181	5,321	783,822	164
55	25,585	15	3,778			2,746	1,500	419	827		36,697	33,911	2,786	80,625	165
52	24,488	61	17,262	2	127	7,987	1,800	428	5,759		45,858	44,313	1,545	141,868	166
22	16,250	10	3,000			46,959	750	1,646	44,563		234,474	232,634	1,840	399,759	167
46	17,831					3,222	359	598	2,259	6	73,508	72,090	1,418	175,907	168
22	14,000	5	1,956			2,276	190	225	1,861		10,900	9,352	1,548	50,984	169
147	95,778	5	1,187	3	416	41,736	28,792	676	6,093	6,175	66,511	62,955	3,556	356,916	170
148	77,025	118	23,592			73,783	11,680	1,882	60,221		654,379	642,357	12,022	925,998	171
636	312,381	148	36,434	7	1,182	63,526	4,999	5,119	53,408		562,590	546,392	16,198	1,245,693	172
199	89,968	7	2,021	4	714	13,397	2,624	1,221	9,452	100	118,811	114,308	4,503	277,132	173
3,071	1,285,590	1,448	445,762	149	29,565	473,106	17,912	38,435	399,322	17,437	4,951,162	4,779,867	171,295	8,097,218	174
1,379	609,947	661	209,410	158	27,544	310,267	10,016	19,829	273,235	7,187	2,971,926	2,917,032	54,894	4,539,814	175
4,258	2,192,263	1,233	389,237	97	14,432	690,308	24,997	42,807	622,504		10,542,145	10,263,881	278,264	15,983,300	176

hooks and eyes, 2; horseshoes, factory product, 1; ink, writing, 1; iron and steel, pipe, wrought, 1; japanning, 1; jewelry, 2; jute and jute goods, 1; lapidary work, 1; lithographing and engraving, 2; musical instruments and materials, not specified, 2; nets and seines, 1; oakum, 1; ordnance and ordnance stores, 2; paints, 2; paper goods, not elsewhere specified, 1; paper hangings, 1; pens, fountain, and stylographic, 2; phonographs and graphophones, 1; photographic apparatus, 2; pipes, tobacco, 1; pocketbooks, 1; pumps, not including steam pumps, 1; regalia and society banners and emblems, 1; registers, car fare, 1; safes and vaults, 1; saws, 1; screws, wood, 1; stationery goods, not elsewhere specified, 2; steam packing, 1; stencils and brands, 1; taxidermy, 1; typewriter repairing, 1; watches, 1; wire, 1; woodenware, not elsewhere specified, 1; wool scouring, 1.

BY SPECIFIED INDUSTRIES: 1900.

BRIDGEPORT.

13,609	$7,454,429	5,446	$1,609,413	246	$59,948	$2,564,392	$196,367	$106,339	$2,040,428	$221,258	$19,133,236	$18,709,995	$423,241	$37,883,721	1
8	5,205			2	306	2,001	1,762	39	185	15	9,784	9,474	310	31,334	2
46	26,632					6,525	5,985	76	464		34,987	33,891	1,096	112,505	3
25	13,269					6,822	6,369	21	432		24,044	23,151	893	80,327	4
14	5,508					2,314	1,012	146	1,156		46,067	45,945	122	75,086	5
1,782	943,567	95	30,982	10	3,120	152,529	2,600	12,038	134,190	3,701	2,538,443	2,474,307	64,136	4,147,452	6
178	107,395	7	3,180	1	150	17,331	6,850	798	9,683		301,291	293,740	7,551	586,443	7
698	438,444					178,323	3,747	2,391	19,578	152,607	739,592	735,917	3,675	1,612,376	8
207	122,843					14,588	4,618	1,609	8,361		134,811	131,130	3,681	366,585	9
101	56,961	8	2,583	1	150	13,127	11,010	76	2,041		66,101	64,798	1,303	189,615	10
17	10,979	126	38,570			10,447	9,274	251	922		61,068	59,559	1,509	185,924	11

TABLE 8.—MANUFACTURES IN CITIES

BRIDGEPORT—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
12	Clothing, women's, factory product	3	$132,575	$11,000	$23,500	$17,125	$80,950	3	11	$10,216	380	$140,080
13	Confectionery	4	22,900			7,300	15,600	5	3	2,128	17	10,005
14	Corsets	7	1,361,076	53,100	212,546	129,104	966,326	11	127	247,247	2,984	877,514
15	Cutlery and edge tools	3	193,600	18,400	19,000	39,500	116,700		13	15,875	350	147,562
16	Druggists' preparations, not including prescriptions.	3	2,130			230	1,900	3				
17	Dyeing and cleaning	8	6,774		500	2,105	4,169	7	2	660	8	3,964
18	Electrical construction and repairs	3	3,325			825	2,500	3			4	1,728
19	Electroplating	3	9,700			4,350	5,350	4	1	900	19	8,612
20	Flouring and grist mill products	3	189,000	22,500	102,500	22,000	42,000	2	7	2,756	7	3,470
21	Foundry and machine shop products	31	2,319,172	193,800	367,600	582,882	1,174,890	21	97	129,637	1,540	832,534
22	Furniture, cabinetmaking, repairing, and upholstering.	13	23,655	2,200	1,300	3,725	16,430	14	7	3,810	27	16,450
23	Hardware	5	536,602	34,000	110,623	139,927	252,052	1	29	37,405	430	190,506
24	Liquors, malt	5	611,342	37,300	190,696	121,157	262,289	9	10	17,560	57	51,948
25	Lock and gun smithing	5	6,450	100	300	3,400	2,650	6	2	700	4	2,485
26	Looking-glass and picture frames	3	12,425			625	11,800	3	1	250	4	2,150
27	Marble and stone work	3	33,900	1,500	1,350	12,150	18,900	1	5	2,700	15	8,544
28	Masonry, brick and stone	21	131,029	15,150	14,050	10,748	91,081	23	8	7,350	283	159,791
29	Mattresses and spring beds	3	6,575			2,075	4,500	4			7	2,688
30	Millinery, custom work	14	39,310			1,235	38,075	17	4	1,550	84	29,225
31	Mineral and soda waters	8	32,675	6,000	3,825	11,700	11,150	10	1	800	14	7,750
32	Models and patterns	3	3,950			2,150	1,800	3			6	3,010
33	Monuments and tombstones	5	26,250	3,000	900	2,150	20,200	5	3	2,100	29	21,000
34	Painting, house, sign, etc	39	121,862	5,280	8,550	13,505	94,527	45	10	8,030	218	131,564
35	Paper hanging	4	5,575			775	4,800	6			32	17,405
36	Paving and paving materials	4	55,989	14,400	3,825	23,989	13,775	4	15	11,220	207	80,860
37	Photography	8	16,985		200	11,210	5,575	9	1	520	7	3,240
38	Plumbing, and gas and steam fitting	36	143,128	2,000	2,400	20,325	118,403	42	22	9,654	209	119,207
39	Printing and publishing, book and job	11	72,672	1,000	130	48,105	23,437	7	10	8,180	56	24,902
40	Printing and publishing, newspapers and periodicals.	7	856,182	47,000	55,690	144,580	108,912	3	34	34,074	83	57,331
41	Roofing and roofing materials	3	7,250			3,050	4,200	6			11	5,886
42	Rubber and elastic goods	4	507,200	50,000	50,000	140,700	266,500	1	27	41,260	337	127,411
43	Saddlery and harness	14	18,333			1,730	16,603	15	5	1,384	47	22,355
44	Ship and boat building, wooden	3	10,601		1,000	2,784	6,817	6			24	17,685
45	Shirts	3	315,083	75,000	100,000	74,807	65,276	1	3	5,500	407	127,120
46	Stamped ware	3	50,000			24,000	26,000	2	4	2,200	66	23,900
47	Steam fittings and heating apparatus	3	382,146	20,000	56,061	51,403	254,682	1	24	33,771	154	79,179
48	Tinsmithing, coppersmithing, and sheet-iron working.	4	40,068	5,000	6,700	11,300	17,068	3	4	4,312	36	22,650
49	Tobacco, cigars and cigarettes	17	24,235	3,200	2,700	1,015	17,320	18	1	624	22	10,814
50	Watch, clock, and jewelry repairing	20	26,510	2,000	2,000	6,365	16,145	23			18	10,278
51	Wirework, including wire rope and cable.	4	245,549	19,000	44,038	105,633	76,878	3	8	11,301	55	22,257
52	All other industries [1]	105	20,664,799	1,031,266	2,008,943	6,298,008	11,326,582	81	497	643,399	7,717	3,888,886

[1] Embraces ammunition, 1; awnings, tents, and sails, 2; belting and hose, leather, 1; bicycles and tricycles, 2; billiard tables and materials, 1; blacking, 1; bookbinding and blank book making, 1; boxes, fancy and paper, 2; brassware, 2; bridges, 1; brooms and brushes, 1; buttons, 1; cardboard, 1; carpets and rugs, other than rag, 1; carpets, rag, 2; carriage and wagon materials, 1; carriages and sleds, children's, 1; cars and general shop construction and repairs by steam railroad companies, 1; chemicals, 1; cleansing and polishing preparations, 1; coffee and spice, roasting and grinding, 1; coffins, burial cases, and undertakers' goods, 1; cooperage, 1; copper, smelting and refining, 1; cork, cutting, 1; crucibles, 1; electrical apparatus and supplies, 1; emery wheels, 1; engraving and die-sinking, 2; engraving, steel, including plate printing, 1; engraving, wood, 1; fancy articles, not elsewhere specified, 1; fertilizers, 1; firearms, 1; food preparations, 1; fur goods, 1; fur hats, 2; gas, illuminating and heating, 2; gas machines and meters, 1; glass, cutting, staining, and ornamenting, 1; hairwork, 2; hand stamps, 1; hats and caps not including fur hats and wool hats, 1; hosiery and knit goods, 1; house furnishing goods, not elsewhere specified, 1; ice, manufactured, 1; iron and

HARTFORD.

1	All industries	888	$30,500,047	$1,748,268	$5,016,138	$8,065,155	$15,670,486	950	1,267	$1,475,519	13,363	$7,603,809
2	Awnings, tents, and sails	3	12,840			1,190	11,650	7			13	5,988
3	Bicycle and tricycle repairing	17	20,745			11,645	9,100	19	2	2,500	23	10,777
4	Bicycles and tricycles	3	2,524,908	197,975	631,184	579,227	1,116,522		212	192,437	1,213	728,054
5	Blacksmithing and wheelwrighting	38	45,704	8,250	1,230	11,744	24,480	41			70	46,749
6	Bookbinding and blank book making	3	5,048			2,822	2,226	3	1	720	14	6,804
7	Boots and shoes, custom work and repairing.	63	15,006		735	6,295	7,976	63			23	12,625
8	Bottling	3	38,675			1,225	37,450	4	2	990	11	4,696
9	Boxes, fancy and paper	3	23,600			9,000	14,600	2	1	1,000	50	18,930
10	Brass castings and brass finishing	3	62,414	11,000	18,000	9,924	23,490	5	2	1,555	29	20,600
11	Bread and other bakery products	34	192,183	11,100	19,100	96,049	65,934	36	16	10,696	177	104,827
12	Brick and tile	7	114,025	45,900	18,200	19,925	30,000	8	2	1,240	58	30,800
13	Carpentering	69	513,663	42,430	60,600	45,831	364,802	88	18	14,118	821	551,967
14	Carriages and wagons	6	2,149,820	38,702	313,663	404,986	1,392,469	7	77	93,381	904	474,345
15	Cleansing and polishing preparations	4	7,510			245	7,265	3			13	5,399
16	Clothing, men's, custom work and repairing.	78	137,659			11,296	126,363	81	12	7,920	156	95,490
17	Clothing, men's, factory product	3	22,000			2,000	20,000	4	1	500	44	13,630
18	Clothing, women's, dressmaking	33	23,685			6,325	17,360	36	2	1,100	113	40,949
19	Clothing, women's, factory product	4	28,700	4,000	4,000	3,500	17,200	5			58	17,585
20	Coffee and spice, roasting and grinding	3	48,065	1,250	2,075	5,500	39,240	2	3	2,699	5	3,106
21	Confectionery	9	52,221			25,567	26,654	14	5	2,115	46	19,126

BY SPECIFIED INDUSTRIES: 1900—Continued.

BRIDGEPORT—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
28	$18,000	352	$122,080			$6,876	$780	$549	$5,467	$80	$104,994	$103,805	$1,189	$417,035	12
13	8,565	4	1,440			2,053	1,580	51	422		31,227	30,300	927	55,565	13
339	166,780	2,576	684,734	69	$26,000	162,823	4,130	11,887	146,806		1,676,728	1,667,374	9,354	3,224,198	14
316	138,037	34	9,525			23,318	700	585	22,033		105,160	101,710	3,450	364,324	15
						343	145		198		1,083	1,063	20	3,319	16
5	2,830	2	990	1	144	1,909	1,777		132		1,133	828	305	14,070	17
4	1,728					214	205		9		6,004	5,979	25	11,987	18
19	8,612					1,494	1,279	40	175		4,800	3,872	928	25,167	19
7	3,470					1,356	100	662	594		101,448	100,273	1,175	121,020	20
1,501	823,400	15	4,520	24	4,614	152,535	15,394	8,765	121,001	7,375	876,527	815,489	61,038	2,412,796	21
24	15,540	3	910			2,854	1,544	102	1,208		29,491	28,820	671	68,282	22
383	176,434	47	14,072			27,451	820	1,900	24,731		320,071	313,375	6,696	642,920	23
57	51,948					216,023		3,277	212,746		107,816	98,365	9,451	521,489	24
4	2,485					1,015	878	16	121		952	717	235	8,956	25
4	2,150					1,384	1,304		80		6,570	6,545	25	14,310	26
15	8,544					1,017	552	40	425		6,653	5,518	1,135	24,825	27
283	159,791					11,790	2,370	513	8,907	5,000	140,295	139,744	551	391,469	28
6	2,143	1	545			1,037	532	15	490		9,254	9,040	214	17,008	29
4	2,040	77	26,649	3	536	11,288	8,870	145	2,273		90,820	90,231	589	163,046	30
14	7,750					2,538	580	181	1,777		17,696	17,367	329	54,695	31
5	2,810			1	200	393	312	6	75		1,474	1,304	170	10,885	32
29	21,000					1,791	486	54	451	800	23,674	23,562	112	60,490	33
217	131,264			1	300	9,627	6,352	547	2,478	250	104,581	104,061	520	329,566	34
32	17,405					849	686	20	143		9,945	9,915	30	37,385	35
207	80,860					1,963	1,000	205	758		46,630	44,530	2,100	171,875	36
5	2,460	2	780			3,158	2,726	68	364		10,489	10,206	283	30,503	37
208	118,607	1	600			13,967	9,759	467	3,741		221,427	219,921	1,506	452,697	38
49	22,886	7	2,016			6,318	2,670	150	3,498		25,036	23,643	1,393	87,282	39
78	53,427	5	3,904			28,053	2,939	1,143	19,187	4,784	35,465	32,507	2,958	201,295	40
11	5,886					2,079	531		1,548		8,552	8,532	20	20,670	41
235	93,427	98	33,568	4	416	58,570	4,750	1,935	42,385	9,500	332,648	322,864	9,784	633,577	42
45	22,105	2	250			2,905	2,541	83	281		35,508	35,129	379	78,794	43
24	17,685					2,020	1,700		220	100	6,434	6,222	212	32,871	44
35	20,277	372	106,843			5,172	495	859	3,818		151,835	148,262	3,573	343,202	45
39	17,000	27	6,900			2,664	2,110	64	490		17,230	15,795	1,435	58,695	46
154	79,179					14,905	1,224	1,934	10,347	1,400	173,975	169,154	4,821	371,448	47
35	22,500			1	150	5,848	480	138	5,230		34,130	33,581	549	86,700	48
19	9,814	2	800	1	200	6,279	1,175	113	4,991		16,822	16,598	224	47,449	49
17	10,122			1	156	3,502	3,005	62	435		8,328	7,900	428	41,721	50
51	21,537	4	720			11,192	204	501	10,487		35,937	34,696	1,241	128,805	51
6,012	3,353,128	1,579	512,252	126	23,506	1,349,812	54,455	51,817	1,207,894	35,646	10,238,206	10,029,286	208,920	18,713,683	52

steel, 2; iron and steel, forgings, 2; japanning, 1; lamps and reflectors, 1; leather goods, 1; leather, tanned, curried, and finished, 1; lumber, planing mill products, including sash, doors, and blinds, 2; millinery and lace goods, 1; musical instruments, organs and materials, 1; ordnance and ordnance stores, 1; paper and wood pulp, 1; patent medicines and compounds, 1; phonographs and graphophones, 1; photolithographing and photoengraving, 1; plastering and stuccowork, 2; plated and britannia ware, 2; pottery, terra cotta, and fire-clay products, 1; printing materials, 2; sausage, 2; sewing machines and attachments, 2; silk and silk goods, 2; slaughtering and meat packing, wholesale, 2; slaughtering, wholesale, not including meat packing, 2; soap and candles, 1; sporting goods, 1; springs, steel, car, and carriage, 1; stereotyping and electrotyping, 1; taxidermy, 1; tools, not elsewhere specified, 1; toys and games, 1; typewriters and supplies, 1; typewriter repairing, 1; umbrellas and canes, 2; upholstering materials, 1; varnish, 2; wood, turned and carved, 2.

HARTFORD.

11,597	$7,068,658	1,698	$521,065	68	$14,086	$3,375,585	$252,105	$118,180	$1,666,192	$1,339,108	$14,103,167	$13,791,041	$312,126	$31,145,715	1
6	3,610	7	2,378			999	645	21	333		5,739	5,633	106	19,572	2
23	10,777					4,750	3,214	59	1,477		14,168	13,598	570	47,203	3
1,176	719,414	2	490	35	8,150	223,418	960	11,510	210,948		1,181,707	1,166,107	15,600	2,472,446	4
70	46,749					7,912	5,661	392	1,829	30	36,379	34,500	1,879	135,942	5
9	5,068	4	1,604	1	132	1,408	1,148	56	204		2,591	2,460	131	14,619	6
28	12,625					9,237	8,258	9	970		22,131	21,501	630	80,208	7
6	3,254	5	1,442			6,490	795	150	5,545		9,152	9,020	132	99,375	8
10	5,870	40	13,060			1,983	1,630	83	270		30,032	29,545	487	56,100	9
29	20,600					2,500	152	190	158	2,000	22,895	20,266	2,629	56,170	10
158	98,053	19	6,774			31,523	15,133	885	15,505		297,775	289,413	8,362	541,956	11
68	30,800					4,094	80	524	3,490		10,760	1,928	8,832	60,050	12
821	551,967					748,240	8,665	2,637	15,991	720,947	898,261	893,976	4,285	2,536,416	13
904	474,345					66,494	8,268	2,650	55,576		699,080	668,090	30,990	1,933,115	14
8	4,262	5	1,137			3,835	439		3,396		4,112	4,062	50	14,225	15
132	87,920	22	7,300	2	270	87,468	22,027	196	6,620	58,625	216,349	214,646	1,703	510,982	16
8	4,050	36	9,580			2,527	1,100	15	1,412		31,997	31,705	292	58,200	17
21	11,754	92	29,195			10,757	9,012	22	1,723		56,457	55,721	736	139,558	18
7	2,756	51	14,829			993	646	132	215		51,274	50,610	664	77,450	19
5	3,106					5,425	750	807	4,868		102,723	101,348	1,375	136,134	20
31	16,006	15	8,120			12,442	5,760	102	6,580		72,456	70,784	1,672	142,015	21

TABLE 8.—MANUFACTURES IN CITIES

HARTFORD—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
22	Druggists' preparations, not including prescriptions.	3	$3,725	$100	$200	$425	$3,000	4	1	$536	6	$2,050
23	Dyeing and cleaning	7	30,227	6,000	10,500	9,500	4,227	7	2	1,600	43	17,974
24	Electrical apparatus and supplies	7	586,434	25,000	64,985	81,530	414,919	3	29	54,221	341	128,560
25	Electrical construction and repairs	7	31,937			4,025	27,912	11	5	2,724	40	25,892
26	Flouring and grist mill products	3	109,125	24,000	38,500	19,925	26,700	5	13	15,857	26	15,839
27	Foundry and machine shop products	36	6,666,056	450,523	1,287,185	2,133,792	2,794,556	19	156	295,468	2,603	1,538,313
28	Fur goods	5	37,478			2,711	34,767	6	3	900	22	9,894
29	Furniture, cabinetmaking, repairing, and upholstering.	16	41,250	3,000	2,700	4,750	30,800	21			37	24,051
30	Hairwork	4	1,665			865	800	4			5	1,873
31	Hosiery and knit goods	3	33,267	2,500	5,000	9,767	16,000	6	5	4,258	52	16,015
32	Liquors, malt	4	889,021	26,911	288,500	316,845	256,765	1	32	44,280	99	82,050
33	Lock and gun smithing	4	2,800			1,250	1,550	4			3	1,584
34	Looking-glass and picture frames	5	41,695			3,950	37,745	6	6	4,044	19	12,118
35	Lumber, planing mill products, including sash, doors, and blinds.	7	178,927	22,000	27,567	44,917	84,443	7	13	11,476	98	63,276
36	Marble and stone work	3	17,250	3,000	1,000	4,850	8,400	7	1	425	25	16,191
37	Masonry, brick and stone	19	235,010	46,700	30,000	18,450	139,860	24	8	7,102	429	292,157
38	Millinery, custom work	15	96,125	7,500	14,000	3,135	71,490	25	1	600	118	42,615
39	Mineral and soda waters	5	44,275	5,500	15,000	16,700	7,075	6	1	780	24	13,072
40	Monuments and tombstones	5	44,950	6,600	8,000	6,100	24,250	7	7	3,760	37	26,976
41	Optical goods	3	19,100			3,200	15,900	4			7	3,730
42	Painting, house, sign, etc	41	105,239	5,000	7,700	16,098	76,441	47	8	6,176	203	139,855
43	Patent medicines and compounds	6	33,125	4,600	13,800	1,875	12,850	7	4	8,380	4	1,956
44	Paving and paving materials	5	148,378	5,000	5,000	34,991	103,387	3	13	19,000	114	58,451
45	Photography	14	32,608		150	19,286	13,172	14	5	2,800	28	15,475
46	Plumbing, and gas and steam fitting	42	193,889			27,282	166,607	51	18	10,748	268	161,562
47	Printing and publishing, book and job	38	1,028,315	92,000	143,400	278,045	514,870	35	49	55,293	442	236,111
48	Printing and publishing, newspapers and periodicals.	18	374,477	52,000	62,700	109,840	149,937	11	52	60,498	193	133,868
49	Roofing and roofing materials	5	18,173	3,000	4,000	1,025	10,148	5	1	250	18	10,813
50	Saddlery and harness	10	225,311	10,000	44,800	25,413	145,098	11	13	8,720	194	96,911
51	Tinsmithing, coppersmithing, and sheet-iron working.	15	53,556	2,000	6,250	9,825	35,481	15	7	4,178	61	39,838
52	Tobacco, cigars and cigarettes	25	233,783	1,500	4,100	2,533	225,650	31	3	2,850	235	138,432
53	Watch, clock, and jewelry repairing	30	23,220	500	500	10,925	11,295	40			21	17,909
54	Wood, turned and carved	3	6,350			3,350	3,000	3	1	800	6	4,600
55	All other industries[1]	89	12,874,835	582,727	1,861,814	3,583,684	6,846,610	72	454	519,824	3,691	2,001,351

[1] Embraces baskets, and rattan and willow ware, 1; belting and hose, leather, 1; billiard tables and materials, 1; boots and shoes, factory product, 1; boxes, cigar, 1; boxes, wooden packing, 1; brooms and brushes, 2; carpets, rag, 1; carriage and wagon materials, 2; cars and general shop construction and repairs by steam railroad companies, 2; cars and general shop construction and repairs by street railroad companies, 1; coffins, burial cases, and undertakers' goods, 1; cotton goods, 1; dentists' materials, 1; electroplating, 2; engraving and diesinking, 2; engraving, steel, including plate printing, 1; engraving, wood, 1; envelopes, 2; fertilizers, 1; firearms, 1; flavoring extracts, 1; food preparations, 1; furniture, factory product, 2; furs, dressed, 1; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; gold and silver, leaf and foil, 2; hand stamps, 2; hooks and eyes, 1; horseshoes, factory product, 1; ink, writing, 1; instruments, professional and scientific, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; iron and steel, pipe, wrought, 1; ironwork, architectural

MERIDEN.

1	All industries	260	$16,699,004	$1,143,532	$2,053,290	$4,098,124	$9,404,058	262	435	$690,756	7,581	$3,702,240
2	Bicycle and tricycle repairing	6	8,905			6,000	2,905	9	1	600	7	3,050
3	Blacksmithing and wheelwrighting	14	20,775	8,800	3,600	3,115	5,260	15			18	10,720
4	Boots and shoes, custom work and repairing.	25	3,127			1,632	1,495	25			5	2,300
5	Bottling	4	8,925			1,300	7,625	5			8	4,820
6	Bread and other bakery products	13	25,600	2,450	4,050	6,875	12,225	16	1	300	51	30,002
7	Carpentering	14	76,425	4,100	4,050	8,725	59,550	14	9	9,000	119	81,740
8	Clothing, men's, custom work and repairing.	16	22,500			3,510	18,990	16	1	1,000	48	25,950
9	Clothing, women's, dressmaking	17	5,720			1,300	4,420	18			33	9,522
10	Confectionery	3	4,600			2,200	2,400	3			10	4,790
11	Cutlery and edge tools	3	694,303	58,125	107,650	123,988	404,540	2	27	47,200	376	171,946
12	Druggists' preparations, not including prescriptions.	4	320			70	250	4				
13	Fancy articles, not elsewhere specified	4	192,289	200	13,640	26,416	152,033	3	19	28,315	122	37,975
14	Foundry and machine shop products	5	294,443	36,365	92,333	105,500	60,245	6	9	9,042	148	80,702
15	Hardware	6	3,145,052	493,472	326,500	579,161	1,745,919	5	43	68,293	1,102	541,314
16	Masonry, brick and stone	7	238,908	61,298	29,872	7,084	140,654	7	19	21,684	161	85,216
17	Millinery, custom work	9	9,330			430	8,900	9			20	6,475
18	Mineral and soda waters	3	23,500	3,500	9,500	8,600	1,900	3			12	6,300
19	Monuments and tombstones	4	16,775	3,700	4,250	2,225	6,600	4			7	5,140
20	Painting, house, sign, etc	8	32,225	4,000	3,500	3,350	21,375	8			77	50,280
21	Photography	4	6,200			3,600	2,600	5			3	1,500
22	Plated and britannia ware	8	6,161,030	205,436	783,300	1,747,158	3,425,136	1	115	236,912	2,048	1,055,862
23	Plumbing, and gas and steam fitting	6	27,080			5,885	21,195	7	3	1,951	37	22,702
24	Printing and publishing, book and job	5	69,559	5,000	7,000	33,050	24,509	3	8	6,364	38	20,243
25	Saddlery and harness	4	5,475			1,275	4,200	5			8	1,395

BY SPECIFIED INDUSTRIES: 1900—Continued.

HARTFORD—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
5	$1,686	1	$364			$750	$511	$20	$219		$4,616	$4,486	$130	$9,917	22
23	12,252	20	5,722			2,912	1,492	170	1,250		9,047	7,795	1,252	40,479	23
180	95,606	160	32,769	1	$185	46,655	3,590	2,108	40,957		360,013	355,119	4,894	671,697	24
40	25,892					4,426	1,650	311	2,465		65,521	65,353	168	116,620	25
22	14,784	4	1,055			4,960		2,670	2,290		344,359	338,085	6,274	404,834	26
2,550	1,528,098	44	8,705	9	1,510	185,723	18,576	21,575	135,424	$10,148	1,373,585	1,301,974	71,611	3,718,608	27
5	4,175	17	5,719			5,193	2,322	290	2,581		32,301	32,151	150	62,499	28
37	24,051					4,793	3,044	182	1,567		30,183	29,777	406	90,792	29
1	780	4	1,093			1,641	1,534		107		1,573	1,558	15	9,439	30
1	312	49	15,403	2	300	1,515	550	130	835		25,999	25,824	175	59,710	31
99	82,050					329,106	1,200	7,022	320,884		208,743	192,930	15,813	742,038	32
3	1,584					563	520	3	40		1,001	816	185	7,000	33
18	11,543	1	575			2,654	1,531	158	965		30,043	29,912	131	57,264	34
98	63,276					9,330	975	1,198	7,157		311,178	308,575	2,603	430,091	35
25	16,191					1,935	175	60	1,700		23,633	23,113	520	54,712	36
429	292,157					365,573	1,676	1,244	10,451	352,202	489,216	487,268	1,948	1,288,301	37
15	6,826	102	35,557	1	232	7,033	3,494	822	2,717		152,221	151,856	365	261,695	38
24	13,072					3,471	120	254	3,097		16,052	15,702	350	54,058	39
37	26,976					3,682	704	463	2,515		45,387	45,229	158	95,798	40
7	3,730					3,885	2,350	85	1,450		15,907	15,783	124	34,880	41
202	139,585	1	270			10,003	5,394	464	4,145		79,244	78,709	535	301,947	42
3	1,756	1	200			3,753	200	153	3,400		7,820	7,610	210	35,825	43
114	58,451					9,901	1,178	491	8,232		161,862	158,417	3,445	290,512	44
21	12,464	6	2,836	1	175	9,755	7,329	78	2,348		13,780	13,090	690	65,785	45
267	161,412			1	150	25,233	16,777	268	8,188		326,419	324,571	1,848	626,327	46
331	202,347	108	33,250	3	514	151,533	15,784	4,432	35,154	96,163	252,420	247,997	4,423	876,854	47
182	127,328	11	6,540			111,754	6,345	3,057	87,654	14,698	79,649	71,189	8,460	454,850	48
18	10,813					1,037	372	55	610		30,215	30,130	85	52,060	49
170	90,142	18	5,471	6	1,298	23,970	3,276	1,620	19,074		213,088	211,805	1,283	386,129	50
60	39,682			1	156	5,195	3,123	129	1,943		38,088	37,720	368	123,776	51
190	120,876	45	17,556			45,760	6,357	332	39,071		164,333	163,903	430	391,584	52
20	17,709	1	200			7,933	5,631	52	750	1,500	10,339	9,988	351	58,472	53
6	4,600					879	555		324		6,056	5,820	236	15,755	54
2,879	1,743,466	807	256,871	5	1,014	750,584	39,427	48,344	580,018	82,795	5,413,238	5,311,873	101,365	10,123,671	55

and ornamental, 1; lithographing and engraving, 2; mattresses and spring beds, 1; models and patterns, 2; musical instruments and materials, not specified, 1; musical instruments, organs and materials, 1; needles and pins, 1; oil, not elsewhere specified, 1; paper hanging, 2; perfumery and cosmetics, 2; photolithographing and photoengraving, 1; pickles, preserves, and sauces, 1; plastering and stuccowork, 1; plated and britannia ware, 1; plumbers' supplies, 2; pocketbooks, 1; pottery, terra cotta, and fire-clay products, 2; rubber and elastic goods, 2; screws, machine, 2; screws, wood, 1; sewing machine repairing, 1; sewing machines and attachments, 2; ship and boat building, wooden, 1; shirts, 2; steam fittings and heating apparatus, 1; stencils and brands, 1; stereotyping and electrotyping, 1; tools, not elsewhere specified, 2; trunks and valises, 1; umbrellas and canes, 2; wirework, including wire rope and cable, 2; woodenware, not elsewhere specified, 1.

MERIDEN.

6,021	$3,266,697	1,435	$420,506	75	$15,037	$1,085,142	$47,614	$81,540	$851,388	$104,600	$5,861,612	$5,686,116	$175,496	$13,485,640	1
7	3,050					1,650	945	30	675		4,839	4,490	349	16,960	2
18	10,720					1,491	934	217	340		8,160	7,522	638	32,534	3
5	2,300					2,025	1,898		127		5,955	5,698	257	22,158	4
8	4,820					1,694	900	24	770		29,840	29,585	255	46,000	5
44	27,482	7	2,520			4,102	2,564	214	1,324		60,722	58,543	2,179	128,500	6
119	81,740					25,051	1,375	229	2,847	20,600	118,457	117,590	867	264,750	7
41	24,100	7	1,850			3,665	2,474	143	1,048		29,382	29,065	317	77,343	8
1	850	31	8,620	1	52	1,930	1,690	10	230		8,810	8,496	314	32,015	9
7	3,740	3	1,050			2,200	1,620	120	460		10,640	10,385	255	25,860	10
277	149,126	99	22,820			21,016	40	3,287	17,689		137,292	133,355	3,937	408,493	11
						409	200		209		955	915	40	2,980	12
49	22,145	69	15,350	4	480	17,206	950	459	15,797		83,519	81,639	1,880	200,447	13
143	79,115	5	1,587			16,639		2,310	14,329		80,144	73,360	6,784	293,097	14
887	474,614	213	66,350	2	350	125,159	405	11,405	113,349		635,153	602,348	32,805	1,619,149	15
161	85,216					94,172	400	981	10,791	82,000	219,358	218,901	457	455,289	16
		20	6,475			2,522	2,165	37	320		32,637	32,423	214	54,918	17
12	6,300					901		185	716		3,066	2,827	239	15,060	18
7	5,140					2,460	216	132	112	2,000	6,072	5,932	140	20,075	19
77	50,280					2,128	1,205	232	691		31,475	31,207	268	107,650	20
2	1,100	1	400			2,283	1,600	48	635		4,601	4,380	221	16,700	21
1,764	973,542	282	82,045	2	275	273,765	1,770	26,151	245,844		1,871,232	1,344,032	27,200	4,129,896	22
37	22,702					2,843	2,011	214	618		44,422	43,998	424	86,042	23
30	17,128	7	3,075	1	40	1,871	800	324	747		14,114	13,512	602	51,955	24
3	1,395					498	444	11	43		6,467	6,369	98	14,115	25

TABLE 8.—MANUFACTURES IN CITIES

MERIDEN—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
26	Tinsmithing, coppersmithing, and sheet-iron working.	3	$18,685	$1,500	$3,000	$1,650	$12,535	2	1	$1,200	15	$11,475
27	Tobacco, cigars and cigarettes	5	11,400			500	10,900	6	1	750	23	11,620
28	Watch, clock, and jewelry repairing	8	2,910			1,565	1,345	8			2	1,800
29	All other industries[1]	52	5,572,943	255,586	661,045	1,411,960	3,244,352	53	178	258,145	3,038	1,417,401

[1] Embraces awnings, tents, and sails, 1; boots and shoes, factory product, 1; boxes, fancy and paper, 2; boxes, wooden packing, 1; carriages and wagons, 2; clocks, 1; electrical apparatus and supplies, 1; engraving and diesinking, 1; engraving, wood, 2; flouring and grist mill products, 2; furniture, cabinetmaking, repairing, and upholstering, 2; gas and lamp fixtures, 2; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; gold and silver, reducing and refining, not from the ore, 1; hand stamps, 1; hardware, saddlery, 1; house furnishing goods, not elsewhere specified, 1; ironwork, architectural and ornamental, 1; lamps and reflectors, 2; leather goods, 1; liquors, malt, 2; lock and gun smithing, 1; looking-glass and picture frames, 2; lumber and timber products, 1; lumber,

NEW BRITAIN.

1	All industries	226	$14,115,610	$739,464	$1,986,622	$3,130,174	$8,259,350	232	466	$545,057	8,438	$3,841,117
2	Bicycle and tricycle repairing	9	17,100	4,100	3,050	6,675	3,275	13	2	1,230	4	2,550
3	Blacksmithing and wheelwrighting	11	9,760	900	1,350	2,475	5,035	12			8	5,254
4	Boots and shoes, custom work and repairing.	21	4,890	200	450	2,015	2,225	22			6	2,718
5	Bottling	7	19,300	6,500	6,300	975	5,525	9			14	7,573
6	Bread and other bakery products	7	37,000	13,500	13,000	3,900	6,600	9	6	1,720	42	21,532
7	Carpentering	19	111,393	33,200	31,800	5,883	40,510	21	1	1,200	144	81,828
8	Carriages and wagons	5	26,553	8,100	4,800	1,478	12,175	7	1	500	16	8,292
9	Clothing, men's, custom work and repairing.	14	14,594			2,415	12,179	14			25	13,346
10	Clothing, women's, dressmaking	3	1,800			500	1,200	3			5	1,668
11	Confectionery	4	2,225			1,650	575	6	9	950	4	2,040
12	Flouring and grist mill products	3	60,069	19,042	14,000	6,750	20,277	3	1	394	5	2,604
13	Foundry and machine shop products	8	720,825	74,000	142,089	180,295	324,441	2	31	40,589	540	269,007
14	Furniture, cabinetmaking, repairing, and upholstering.	5	4,750	400	400	2,750	1,200	7			6	3,334
15	Hardware	7	7,648,350	277,751	1,095,402	1,886,403	4,388,794	1	264	287,947	4,111	1,841,335
16	Marble and stone work	4	29,850	9,800	4,600	950	14,500	4			26	9,480
17	Masonry, brick and stone	5	16,500	5,250	1,650	3,050	6,550	8			55	22,179
18	Millinery, custom work	6	15,373			430	14,943	8	6	2,800	27	8,488
19	Mineral and soda waters	4	7,200	500	100	4,350	2,250	4			7	3,100
20	Painting, house, sign, etc	8	38,680	2,200	2,400	2,350	31,730	9	2	1,332	63	38,724
21	Photography	4	7,600			5,300	2,300	6	1	500	4	1,291
22	Plumbing, and gas and steam fitting	11	48,941	9,000	15,000	3,275	21,666	12	5	3,658	35	20,256
23	Printing and publishing, book and job.	3	18,734			14,000	4,734	2	2	1,214	13	5,759
24	Printing and publishing, newspapers and periodicals.	6	112,332	7,000	16,000	64,243	25,089	4	8	6,096	69	40,599
25	Saddlery and harness	3	15,650			650	15,000	3			3	1,750
26	Tobacco, cigars and cigarettes	6	14,555	600	1,200	550	12,205	6	2	1,300	29	14,494
27	Watch, clock, and jewelry repairing	6	2,365			1,750	615	6			4	2,760
28	All other industries[1]	37	5,109,221	267,421	633,031	925,012	3,283,757	31	125	193,627	3,173	1,409,156

[1] Embraces book binding and blank book making, 2; boxes, fancy and paper, 2; brass castings and brass finishing, 1; brassware, 1; brick and tile, 2; carriage and wagon materials, 1; cordials and sirups, 1; cutlery and edge tools, 2; dyeing and cleaning, 1; electrical apparatus and supplies, 1; fur goods, 1; gas, illuminating and heating, 1; hardware, saddlery, 1; hosiery and knit goods, 2; ice, manufactured, 1; jewelry, 1; looking-glass and picture frames, 2; lumber,

NEW HAVEN.

1	All industries	1,236	$30,463,066	$2,510,318	$3,645,198	$7,850,302	$16,457,248	1,269	1,600	$1,590,241	20,536	$10,016,571
2	Awnings, tents, and sails	5	27,075			2,300	24,775	5	2	1,950	27	13,885
3	Bicycle and tricycle repairing	28	53,771	1,000	200	20,400	32,171	28	2	362	38	20,111
4	Blacksmithing and wheelwrighting	55	109,648	35,025	29,576	13,440	31,607	63	1	1,200	78	48,444
5	Boots and shoes, custom work and repairing.	105	29,040	6,300	4,315	7,389	11,036	106			36	15,183
6	Bottling	40	68,482	16,060	9,150	12,817	30,455	43	4	3,920	33	17,401
7	Boxes, fancy and paper	6	695,371	8,000	14,287	331,995	341,089		39	46,968	603	197,503
8	Brass castings and brass finishing	4	144,376	44,830	35,787	35,364	28,395	3	5	2,875	25	17,512
9	Bread and other bakery products	41	579,278	61,010	143,450	213,514	161,304	43	50	39,785	279	158,365
10	Carpentering	62	297,037	39,765	49,375	44,491	163,406	66	21	17,346	375	245,452
11	Carriage and wagon materials	6	299,916	19,725	57,913	73,343	148,935	5	23	21,127	166	87,814
12	Carriages and wagons	24	1,672,171	151,912	300,925	95,260	1,124,074	25	35	45,446	724	509,522
13	Cars and general shop construction and repairs by steam railroad companies.	4	1,108,430	247,000	103,450	283,291	474,689		71	51,375	1,102	678,328
14	Clothing, men's, custom work and repairing.	85	232,198	3,800	2,200	11,111	215,087	96	7	7,250	213	129,054
15	Clothing, men's, factory product	3	9,589			400	9,189	5			15	4,674
16	Clothing, women's, dressmaking	62	54,620	7,700	1,300	8,285	37,335	68	9	6,670	192	63,941
17	Clothing, women's, factory product	3	23,700			2,200	21,500	4	2	2,000	29	12,900
18	Confectionery	18	289,381	29,700	64,766	65,577	129,338	18	39	25,090	103	45,859
19	Corsets	8	1,056,885	58,000	128,497	137,506	732,882	19	142	98,905	1,493	528,583
20	Dyeing and cleaning	4	1,165			640	525	4	2	1,000	6	2,032
21	Electrical construction and repairs	3	6,125			725	5,400	3	4	2,156	10	5,578

BY SPECIFIED INDUSTRIES: 1900—Continued.

MERIDEN—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
15	$11,475					$758	$584	$62	$112		$10,090	$9,885	$205	$29,300	26
20	10,870			3	$750	4,320	558	55	3,707		10,759	10,531	228	32,395	27
2	1,800					1,098	954	2	142		1,143	1,035	108	8,855	28
2,285	1,195,947	691	$208,364	62	13,090	471,286	18,912	34,658	417,716		2,392,308	2,298,093	94,215	5,298,104	29

planing mill products, including sash, doors, and blinds, 1; musical instruments and materials, not specified, 1; musical instruments, pianos and materials, 2; paving and paving materials, 1; photolithographing and photoengraving, 2; printing and publishing, newspapers and periodicals, 2; roofing and roofing materials, 1; sausage, 1; smelting and refining, not from the ore, 1; soap and candles, 1; starch, 1; varnish, 1; window shades, 1; wood, turned and carved, 1; woolen goods, 1.

NEW BRITAIN.

6,542	$3,349,085	1,681	$442,228	215	$49,804	$956,848	$36,019	$73,294	$642,416	$205,119	$5,074,396	$4,863,305	$211,091	$12,260,782	1
4	2,550					1,183	718	76	289	100	11,270	10,927	343	26,850	2
8	5,254					1,008	845	29	134		6,467	6,098	369	25,420	3
6	2,718					1,633	1,554	9	70		7,161	6,894	267	21,107	4
14	7,573					945	380	211	354		42,988	42,925	63	63,000	5
42	21,532					2,854	1,764	366	724		72,210	70,280	1,930	117,067	6
144	81,828					202,245	580	668	906	200,091	198,003	197,770	233	528,425	7
16	8,292					1,170	690	224	256		9,348	8,962	386	27,655	8
22	12,549	3	797			3,340	2,264	11	565	500	15,912	15,478	434	46,002	9
1	700	4	968			390	370		20		5,212	5,200	12	11,015	10
4	2,040					1,762	1,440	18	304		3,957	3,758	199	14,900	11
5	2,604					757		257	500		57,625	57,126	499	71,739	12
534	267,384	6	1,623			53,716	120	4,952	48,129	515	167,941	144,435	23,506	676,571	13
6	3,334					992	903	19	70		6,912	6,815	97	16,120	14
3,396	1,686,396	534	134,131	131	20,808	437,327	6,000	35,192	396,135		2,483,300	2,387,116	96,184	5,796,636	15
26	9,480					468	60	212	196		30,584	30,560	24	47,900	16
55	22,179					1,792	125	82	85	1,500	39,971	39,941	30	84,114	17
		27	8,488			5,538	4,332	131	1,075		42,235	42,135	100	72,400	18
7	3,100					701	540	22	139		5,449	5,264	185	16,950	19
63	38,724					2,057	1,294	252	511		29,975	29,758	217	92,965	20
1	425	3	866			2,080	1,394	51	635		4,066	3,905	161	14,600	21
35	20,256					1,976	1,369	80	327	200	43,786	43,535	251	92,709	22
11	5,447			2	312	1,277	752	76	449		7,044	6,639	405	19,817	23
62	38,678	2	1,300	5	621	5,816	1,256	389	3,171	1,000	23,066	21,710	1,356	89,614	24
3	1,750					1,154	960	54	140		2,920	2,890	30	8,450	25
25	13,094	4	1,400			5,434	1,000	37	4,347		12,426	12,323	103	44,801	26
4	2,760					1,495	1,196	39	260		1,490	1,480	10	9,700	27
2,048	1,088,438	1,048	292,655	77	28,063	217,738	4,113	29,787	182,625	1,213	1,743,078	1,659,381	83,697	4,224,255	28

planing mill products, including sash, doors, and blinds, 2; mattresses and spring beds, 1; models and patterns, 1; monuments and tombstones, 1; needles and pins, 1; photolithographing and photoengraving, 1; rubber and elastic goods, 2; shirts, 1; soap and candles, 1; stamped ware, 1; surgical appliances, 1; tinsmithing, coppersmithing, and sheet-iron working, 1.

NEW HAVEN.

15,393	$8,547,342	4,884	$1,428,956	259	$40,273	$3,181,004	$289,483	$193,099	$2,277,087	$421,335	$18,493,593	$18,026,797	$466,796	$40,762,015	1
19	11,625	8	2,260			2,176	1,258	80	838		22,702	22,397	305	50,880	2
38	20,111					5,861	3,406	108	1,942	405	42,464	41,285	1,179	80,967	3
76	48,144			2	300	9,652	7,322	891	1,434	5	44,564	42,395	2,169	165,019	4
35	15,028			1	155	10,945	9,528	186	1,159	72	32,058	30,911	1,147	108,274	5
33	17,401					9,979	5,141	540	4,298		89,426	89,035	391	163,399	6
217	102,733	371	92,520	15	2,250	30,973	20,524	1,244	9,205		394,539	390,237	4,302	866,584	7
25	17,512					4,588	1,360	1,122	2,106		116,831	114,676	2,155	123,830	8
243	147,576	34	10,250	2	539	65,844	12,229	3,795	49,820		512,928	502,018	10,910	943,872	9
375	245,452					72,768	5,140	1,295	9,067	57,266	411,383	408,386	2,997	880,100	10
163	86,847	8	967			42,394	2,890	2,019	26,368	11,117	141,203	136,197	5,006	341,421	11
717	506,077	7	3,445			62,299	5,363	11,958	43,514	1,464	527,526	517,722	9,804	1,384,843	12
1,096	676,121	6	2,207			36,450			36,450		833,957	825,563	8,394	1,600,110	13
195	124,224	12	3,198	11	1,632	107,928	25,283	1,132	8,501	73,012	247,168	245,086	2,082	656,817	14
6	2,314	9	2,360			790	422	10	233	125	20,825	20,720	105	28,980	15
17	11,400	171	52,058	4	483	13,873	8,250	157	1,276	4,190	97,887	96,126	1,761	255,149	16
8	6,750	21	6,150			2,246	1,280	121	845		42,900	42,850	50	70,550	17
71	36,769	32	9,090			37,570	8,300	1,672	27,598		188,937	185,207	3,730	396,331	18
166	105,634	1,297	416,699	30	6,250	34,031	1,923	4,259	27,849		950,680	943,327	7,353	1,893,956	19
5	1,732	1	300			1,596	1,476		120		660	460	200	9,271	20
10	5,578					1,220	741	18	461		13,778	13,768	10	29,385	21

TABLE 8.—MANUFACTURES IN CITIES

NEW HAVEN—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
22	Electroplating	4	$5,260			$3,300	$1,960	6			8	$4,138
23	Engraving, wood	3	2,950			975	1,975	3				
24	Food preparations	3	103,439	$43,810	$20,000	11,500	28,129		11	$7,144	41	16,108
25	Foundry and machine shop products	34	2,305,630	249,305	264,567	436,591	1,355,167	24	91	108,550	911	506,984
26	Fur goods	8	36,445			2,185	34,260	9	2	1,520	35	16,158
27	Furniture, cabinetmaking, repairing, and upholstering.	30	90,814	10,700	7,100	28,138	44,876	28	7	6,744	103	49,049
28	Furniture, factory product	4	144,039	5,000	7,500	22,432	109,107	3	18	15,372	50	25,100
29	Glass, cutting, staining, and ornamenting.	4	7,900			2,200	5,700	4	1	100	10	7,300
30	Hairwork	4	1,115			65	1,050	4	1	150	2	400
31	Hardware	12	2,727,971	246,790	449,822	633,635	1,397,724	9	95	105,056	2,110	878,044
32	Hats and caps, not including fur hats and wool hats.	7	18,900			2,100	16,800	7	1	400	27	12,289
33	Lamps and reflectors	3	44,269			9,550	34,719	4	3	1,372	30	17,754
34	Liquors, malt	4	929,076	85,150	271,250	231,534	341,142	3	20	40,348	94	80,016
35	Lock and gun smithing	10	20,425			4,300	16,125	11			13	7,316
36	Looking-glass and picture frames	7	36,040			715	35,325	9			12	6,930
37	Lumber, planing mill products, including sash, doors, and blinds.	5	631,559	239,200	67,100	65,451	259,808	1	21	26,993	137	64,470
38	Marble and stone work	6	194,555	30,000	54,977	16,758	92,820	9	6	4,500	347	153,220
39	Masonry, brick and stone	17	164,608	7,050	7,225	31,575	118,758	20	15	17,980	483	160,169
40	Mattresses and spring beds	3	63,141			25,777	37,364	4	6	6,250	30	14,470
41	Millinery, custom work	27	93,370	2,200	3,250	2,245	85,675	35	27	4,544	111	45,897
42	Mineral and soda waters	7	65,275	4,300	14,200	23,800	22,975	8	12	7,240	27	12,294
43	Models and patterns	3	10,050	2,000	1,000	2,450	4,600	3			6	4,300
44	Monuments and tombstones	8	64,886	18,075	6,875	4,317	35,619	9	1	377	34	18,014
45	Painting, house, sign, etc	33	41,937	1,400	500	9,602	30,435	38	8	4,350	136	78,400
46	Paper hanging	8	18,065	60	150	1,980	15,875	8	5	3,360	56	35,797
47	Patent medicines and compounds	16	138,266	500	2,350	10,090	125,326	11	70	31,077	34	12,909
48	Paving and paving materials	7	52,494	14,200	13,325	9,150	15,819	8	3	2,500	59	31,156
49	Photography	16	32,449			16,427	16,022	19	2	676	25	14,268
50	Pickles, preserves, and sauces	3	34,829	3,300	5,700	4,300	21,529	2	7	3,454	20	8,558
51	Plumbing, and gas and steam fitting	52	375,671	45,150	34,000	47,560	248,961	52	31	33,481	355	224,432
52	Pottery, terra cotta, and fire-clay products.	3	45,245	9,500	10,500	4,700	20,545	2	8	10,476	36	17,440
53	Printing and publishing, book and job	35	513,982	38,200	65,950	261,350	148,482	41	47	31,474	285	127,832
54	Printing and publishing, newspapers and periodicals.	15	235,312			162,577	72,735	9	43	48,545	127	91,830
55	Roofing and roofing materials	3	8,475	3,000	1,300	1,675	2,500	3	1	312	10	7,490
56	Saddlery and harness	18	36,882	2,000	1,500	4,765	28,617	19			36	21,150
57	Sewing machines and attachments	3	338,550	6,000	45,000	166,600	120,950	3	10	10,360	529	237,400
58	Ship and boat building, wooden	5	17,400	5,500	1,500	3,600	6,800	5			11	7,190
59	Shirts	5	13,614	100	225	2,470	10,819	4	4	2,000	28	8,548
60	Starch	7	375,200	19,500	21,350	157,145	177,205	6	92	57,180	111	39,828
61	Tinsmithing, coppersmithing, and sheet-iron working.	22	70,982	7,150	9,600	8,894	45,338	22	4	4,600	81	50,939
62	Tobacco, cigars and cigarettes	36	159,625	12,950	29,100	5,025	112,550	41	3	3,400	313	183,310
63	Toys and games	4	97,365	3,200	6,300	20,817	67,048	8	8	7,756	66	23,721
64	Varnish	3	31,482	400	800	6,572	23,710	3	4	2,000	3	1,907
65	Watch, clock, and jewelry repairing	39	22,708	80	120	10,443	12,065	46	2	500	27	16,946
66	Wirework, including wire rope and cable.	5	165,263	9,450	16,000	48,647	91,166	6	12	17,560	175	58,417
67	All other industries[1]	119	13,117,295	655,271	1,259,871	3,964,272	7,237,881	101	440	585,115	7,840	3,814,542

[1] Embraces agricultural implements, 1; ammunition, 1; artificial limbs, 1; bags, paper, 1; bicycles and tricycles, 1; billiard tables and materials, 1; bluing, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 1; boots and shoes, rubber, 1; boxes, cigar, 1; boxes, wooden packing, 1; brass, 1; brass-ware, 2; bridges, 1; brooms and brushes, 1; buttons, 2; card cutting and designing, 1; carpets, rag, 1; carriages and sleds, children's, 1; cars and general shop construction and repairs by street railroad companies, 1; cheese and butter, urban dairy products, 1; cheese, butter, and condensed milk, factory product, 2; cleansing and polishing preparations, 2; clocks, 1; coffee and spice, roasting and grinding, 2; coffins, burial cases, and undertakers' goods, 1; cooperage, 2; cork, cutting, 1; cotton goods, 1; cutlery and edge tools, 1; druggists' preparations, not including prescriptions, 1; dyeing and finishing textiles, 1; enameling and enameled goods, 1; engraving and diesinking, 2; engraving, steel, including plate printing, 2; fertilizers, 1; files, 1; firearms, 2; flavoring extracts, 2; flouring and grist mill products, 1; fur hats, 1; gas and oil stoves, 1; gas, illuminating and heating, 1; gas machines and meters, 1; glue, 1; grease and tallow, 1; hand stamps, 1; hard-

WATERBURY.

1	All industries	404	$23,421,640	$1,948,595	$3,271,036	$5,807,278	$12,394,736	382	699	$1,005,814	14,914	$7,564,198
2	Bicycle and tricycle repairing	7	5,173			2,920	2,253	9			7	3,396
3	Blacksmithing and wheelwrighting	18	95,606	42,175	23,050	11,325	19,056	18	2	1,050	45	32,240
4	Boots and shoes, custom work and repairing.	42	8,346	1,000	450	3,674	3,222	43			10	4,154
5	Bottling	14	13,940	500	875	4,135	8,430	14			24	12,654
6	Brass castings and brass finishing	3	4,199,786	165,807	576,254	1,255,034	2,202,691	1	64	140,140	2,238	1,186,960
7	Brassware	6	5,490,356	676,892	805,240	1,395,923	2,612,301	1	99	163,553	2,616	1,386,161
8	Bread and other bakery products	17	99,496	15,530	22,400	19,650	41,916	5	10	7,276	83	50,717
9	Buttons	3	352,428	40,000	50,000	104,653	157,775	1	16	22,318	479	183,821
10	Carpentering	12	268,462	21,700	20,585	29,558	196,619	9	15	23,950	280	147,612
11	Carriages and wagons	4	61,945	22,200	12,650	1,750	25,345	6	3	1,567	36	17,053

BY SPECIFIED INDUSTRIES: 1900—Continued.

NEW HAVEN—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
8	$4,138					$1,105	$880		$225		$1,563	$1,338	$225	$11,400	22
						1,304	259		30	$1,015	257	225	32	5,100	23
9	4,940	32	$11,168			19,012	840	$567	17,605		36,672	35,022	1,650	116,547	24
903	504,148	6	2,430	2	$406	84,865	8,530	11,425	64,452	458	742,883	704,884	37,999	1,716,028	25
11	9,466	24	6,692			6,569	1,699	41	2,829	2,000	28,850	28,631	219	73,425	26
98	47,758	4	1,091	1	200	14,627	8,266	579	3,882	1,900	75,884	73,993	1,891	183,062	27
49	24,900	1	200			13,975	495	165	8,715	4,600	140,775	140,335	440	245,495	28
10	7,300					1,012	725	60	227		3,004	2,857	147	17,693	29
		2	400			493	406	2	85		1,393	1,370	23	4,120	30
1,761	797,351	289	70,376	60	10,317	221,183	5,575	20,940	178,668	16,000	864,785	829,280	35,505	2,218,032	31
21	10,806	5	1,283	1	200	4,015	1,470	89	2,006	500	24,180	23,934	246	54,409	32
23	17,466			2	288	1,631	1,150	101	380		10,480	9,532	948	39,280	33
94	80,016					338,248	4,000	5,309	328,939		180,290	168,794	11,496	799,441	34
9	5,816	3	1,200	1	300	1,740	1,281	129	330		6,897	6,619	278	23,450	35
11	6,780			1	150	1,499	1,215	32	252		38,560	38,307	253	61,375	36
137	64,470					38,605		3,985	34,620		411,111	410,341	770	568,910	37
347	153,220					4,347	402	925	2,020	1,000	156,682	151,382	5,300	388,915	38
453	160,169					102,390	1,286	406	10,673	90,025	189,871	188,176	1,695	634,952	39
26	13,310	4	1,160			7,528	1,816	459	5,253		50,013	49,218	795	117,913	40
4	1,808	107	44,089			14,148	11,184	464	2,400	100	115,213	113,154	2,059	235,150	41
27	12,294					6,961	1,506	369	5,086		31,449	30,557	892	76,537	42
6	4,300					803	540	69	194		3,644	3,102	542	11,300	43
34	18,014					3,308	180	747	725	1,656	18,958	18,543	415	59,326	44
120	75,270	15	2,880	1	250	12,054	4,219	216	7,619		66,385	65,982	403	213,665	45
56	35,797					4,392	1,326	144	2,922		25,453	25,251	202	79,764	46
14	6,022	20	6,887			85,693	5,323	847	77,023	2,500	67,153	66,234	919	257,719	47
59	31,156					1,216	12	421	783		23,387	22,747	640	82,217	48
20	12,332	5	1,936			9,294	7,399	49	1,201	645	19,355	19,022	333	67,844	49
17	7,796	3	762			7,019	600	180	6,239		16,154	15,768	386	43,957	50
851	223,932			4	500	40,493	13,621	1,623	25,249		307,251	304,490	2,761	765,320	51
36	17,440					2,812	535	539	1,738		19,863	14,673	5,190	54,330	52
218	110,225	67	17,607			132,459	14,615	2,397	41,558	73,889	184,999	179,376	5,623	583,889	53
106	89,524	3	1,012	18	1,294	40,248	7,554	1,646	14,638	16,410	80,279	76,636	3,643	354,314	54
10	7,490					468	135	30	303		20,773	20,623	150	31,325	55
34	20,650	2	500			5,287	3,643	210	934	500	19,765	19,310	455	67,404	56
413	209,000	100	26,000	16	2,400	42,719	2,800	1,019	5,900	33,000	136,593	132,175	4,418	497,300	57
11	7,190					808	396	87	325		6,925	6,920	5	19,635	58
5	2,740	23	5,808			2,231	940	2	299	990	17,728	17,350	378	38,423	59
106	37,338	5	1,990			56,856	1,180	1,561	51,727	2,388	284,764	283,430	1,334	587,000	60
81	50,939					5,425	2,912	292	2,221		60,166	59,403	763	161,827	61
243	167,020	68	16,190	2	100	60,440	5,234	9,205	46,001		229,446	228,638	808	558,423	62
39	16,771	19	5,625	8	1,325	15,975	1,600	237	2,138	12,000	43,234	41,939	1,295	104,334	63
3	1,907					4,380	550	230	3,600		37,002	36,764	238	49,344	64
24	16,190	2	600	1	156	12,865	6,289	180	1,821	4,575	17,547	16,937	610	74,115	65
142	51,334	31	6,667	2	416	15,554	815	1,132	13,607		136,142	134,683	1,459	245,882	66
5,694	3,211,281	2,072	592,899	74	10,362	1,179,765	32,244	93,432	1,046,561	7,528	8,807,399	8,540,486	266,913	18,112,436	67

ware, saddlery, 2; hosiery and knit goods, 2; ice, manufactured, 1; iron and steel, 2; iron and steel, bolts, nuts, washers, and rivets, 2; iron and steel, forgings, 2; ironwork, architectural and ornamental, 2; leather goods, 2; leather, tanned, curried, and finished, 1; lime and cement, 2; millinery and lace goods, 2; mucilage and paste, 1; musical instruments, organs and materials, 1; musical instruments, pianos and materials, 1; needles and pins, 1; oil, not elsewhere specified, 1; optical goods, 2; paper and wood pulp, 1; pens, fountain and stylographic, 1; perfumery and cosmetics, 1; photographic apparatus, 1; photolithographing and photoengraving, 1; plastering and stuccowork, 1; plumbers' supplies, 1; registers, car fare, 1; rubber and elastic goods, 1; safes and vaults, 1; sausage, 1; screws, machine, 1; sewing machine repairing, 2; silk and silk goods, 1; slaughtering and meat packing, wholesale, 1; slaughtering, wholesale, not including meat packing, 1; smelting and refining, not from the ore, 2; soap and candles, 1; sporting goods, 1; springs, steel, car and carriage, 1; stamped ware, 1; steam packing, 1; stereotyping and electrotyping, 2; surgical appliances, 1; tools, not elsewhere specified, 2; trunks and valises, 1; window shades, 2; wood, turned and carved, 2.

WATERBURY.

10,779	$6,108,534	3,787	$1,369,527	348	$86,137	$1,664,050	$122,849	$115,560	$1,143,591	$282,050	$19,821,401	$19,303,364	$518,037	$33,778,905	1
7	3,396					1,936	1,387		424	125	6,281	5,843	438	18,255	2
45	32,240					3,943	1,590	435	1,918		21,180	20,163	1,017	85,145	3
10	4,154					5,133	4,700	18	415		12,259	11,688	571	40,947	4
24	12,651					4,906	2,200	165	2,541		51,224	50,846	378	94,906	5
1,614	968,360	591	212,500	33	6,100	207,275	96	17,329	189,850		3,036,785	2,931,085	105,700	5,050,589	6
1,866	1,147,012	664	225,048	86	14,101	322,535		23,708	298,827		5,784,543	5,646,621	137,922	8,188,492	7
81	49,926	1	416	1	375	10,420	2,868	495	7,057		207,583	198,025	9,558	331,936	8
178	104,537	273	76,415	28	2,869	99,680	2,789	2,808	21,851	72,232	248,242	242,119	6,123	643,354	9
280	147,612					82,487	5,276	822	5,794	170,595	383,889	382,203	1,686	834,070	10
35	16,850			1	208	2,992	120	596	1,851	425	12,616	12,020	596	46,746	11

TABLE 8.—MANUFACTURES IN CITIES

WATERBURY—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES AND TOWNS.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
12	Clothing, men's, custom work and repairing.	28	$41,030	$7,100	$2,600	$4,175	$27,155	30	3	$3,100	47	$24,638
13	Clothing, women's, dressmaking	18	9,107			3,017	6,090	23			90	34,039
14	Clothing, women's, factory product	3	4,875			575	4,300	3			24	10,872
15	Confectionery	6	8,950			3,750	5,200	7	7	1,456	6	3,281
16	Electrical construction and repairs	3	4,400			400	4,000	4	1	150	7	3,100
17	Engraving and diesinking	6	12,750	2,000	900	7,350	2,500	6			2	1,120
18	Foundry and machine shop products	12	563,267	24,700	74,350	120,422	343,795	6	44	67,872	720	401,241
19	Furniture, cabinetmaking, repairing, and upholstering.	5	3,150			800	2,350	5			6	3,888
20	Looking-glass and picture frames	5	11,350			655	10,695	7	1	676	2	628
21	Masonry, brick and stone	15	175,834	34,800	24,400	26,899	89,735	21	21	14,136	382	203,585
22	Millinery, custom work	15	54,234	5,000	4,000	1,159	44,075	19	1	1,000	72	38,107
23	Mineral and soda waters	5	23,900	7,100	3,000	7,100	6,700	3			12	6,010
24	Painting, house, sign, etc	20	124,778	4,575	4,700	7,540	107,963	20	6	4,252	110	72,475
25	Paper hanging	5	21,665	1,050	525	1,240	18,850	3	10	6,960	43	25,196
26	Paving and paving materials	6	20,375	4,700	3,500	2,050	10,125	7			43	19,374
27	Photography	7	15,250		1,000	8,750	5,500	9			9	5,453
28	Plastering and stuccowork	4	5,075	1,200	600	225	3,050	4			15	11,207
29	Plumbing, and gas and steam fitting	18	222,082	5,200	5,150	10,710	201,022	16	22	17,111	165	83,068
30	Printing and publishing, book and job	7	58,077			32,994	25,083	6	13	7,834	37	20,655
31	Printing and publishing, newspapers and periodicals.	3	146,792	10,000	25,000	52,700	59,092	1	8	9,246	103	75,538
32	Saddlery and harness	4	12,650			1,200	11,450	4			12	6,304
33	Stamped ware	4	712,710	44,300	87,500	211,450	369,460		82	56,277	820	352,627
34	Tinsmithing, coppersmithing, and sheet-iron working.	3	44,435	6,000	8,000	7,425	23,010	2	3	3,500	47	23,654
35	Tobacco, cigars and cigarettes	11	27,343			535	26,808	12			16	13,395
36	Watch, clock, and jewelry repairing	12	6,702			3,700	3,002	10			10	6,252
37	All other industries[1]	53	10,495,321	805,066	1,514,307	2,461,830	5,714,118	32	318	452,390	6,296	3,093,723

[1] Embraces awnings, tents, and sails, 1; bicycles and tricycles, 1; bookbinding and blank book making, 1; boxes, fancy and paper, 2; brass and copper, rolled, 2; chemicals, 1; clocks, 2; cutlery and edge tools, 1; dyeing and cleaning, 1; flouring and grist mill products, 1; fur goods, 1; fur hats, 1; gas and lamp fixtures, 1; gas, illuminating and heating, 1; grease and tallow, 2; hand stamps, 1; hardware, 2; hosiery and knit goods, 1; instruments, professional and scientific, 2; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; lamps and reflectors, 1; liquors, malt, 1; lock and gun smithing, 1; lumber, planing mill

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and towns	4,129	$140,833,217	$7,509,001	$23,357,853	$36,119,396	$73,846,967	4,277	3,609	$4,596,741	77,661	$34,436,297
2	Ansonia	94	6,309,281	401,125	1,208,000	1,453,241	3,246,915	83	190	202,296	3,407	1,769,361
3	Berlin	30	1,915,065	134,761	306,865	373,105	1,100,334	25	61	110,094	996	500,530
4	Bethel	47	437,800	16,330	52,500	132,756	236,214	54	43	47,370	780	383,252
5	Branford	40	802,721	128,195	219,978	133,288	321,260	87	25	31,652	908	426,952
6	Bristol	143	3,764,528	306,052	828,698	911,246	1,718,532	135	142	199,424	2,476	1,188,943
7	Brooklyn	17	1,404,043	29,650	391,825	616,975	365,593	13	11	18,038	725	226,824
8	Danbury	283	3,636,619	173,648	345,101	1,051,208	2,066,662	344	168	146,665	4,296	2,017,155
9	Derby	84	4,328,442	195,800	522,482	1,222,401	2,387,759	79	72	112,427	2,311	1,116,078
10	East Haddam	27	390,850	11,750	42,200	109,750	227,150	27	6	3,400	337	104,754
11	East Hartford	56	866,125	95,120	269,592	315,165	186,248	57	21	32,353	439	212,424
12	East Windsor	26	751,474	18,375	182,422	149,256	401,421	24	12	18,829	361	158,775
13	Enfield	40	4,022,477	71,210	381,575	1,273,771	2,295,921	41	63	107,556	1,459	579,853
14	Fairfield	42	221,548	14,290	34,265	46,875	126,118	47	7	13,200	130	71,727
15	Farmington	38	554,437	53,550	110,200	158,990	231,697	39	26	30,866	553	226,135
16	Glastonbury	42	1,388,950	53,080	255,574	411,762	668,534	41	49	53,934	662	302,944
17	Greenwich	74	1,453,496	76,000	141,690	446,666	789,140	76	55	61,104	915	408,556
18	Griswold	30	2,175,383	149,600	859,892	629,049	536,842	30	15	33,064	813	329,266
19	Groton	16	59,070	11,975	11,975	7,910	27,210	20	6	4,800	94	55,820
20	Guilford	41	247,715	22,900	36,400	92,055	96,360	47	5	2,350	182	89,545
21	Hamden	25	801,581	94,802	152,914	206,469	347,396	25	34	46,913	494	204,010
22	Huntington	54	3,121,834	184,200	504,738	735,067	1,697,829	53	98	130,927	1,622	701,333
23	Killingly	74	2,174,445	213,247	392,441	767,675	801,082	70	35	46,402	1,263	441,033
24	Manchester	93	7,330,806	160,100	1,117,850	1,379,689	4,673,167	98	137	217,290	3,118	1,370,656
25	Middletown	188	5,100,485	348,664	851,250	1,199,573	2,700,998	203	155	171,400	2,916	1,199,713
26	Milford	43	365,464	10,475	35,025	62,533	257,431	45	19	22,833	325	137,326
27	Montville	27	1,229,620	69,886	177,919	267,342	714,473	29	32	42,873	655	215,810
28	Naugatuck	75	6,673,684	190,060	609,417	895,236	4,978,971	67	83	121,944	3,297	1,665,944
29	New Hartford	27	870,874	44,100	197,125	182,342	447,307	24	14	17,674	1,006	289,244
30	New London	238	4,522,003	345,825	733,005	1,123,151	2,320,022	261	137	131,401	2,658	1,196,218
31	New Milford	58	783,294	47,975	220,308	151,530	363,481	67	41	47,053	526	253,231
32	Newtown	29	449,505	4,510	72,928	64,720	307,347	29	12	21,250	312	146,122
33	Norwalk	247	4,129,841	367,084	592,205	1,009,719	2,160,833	265	124	150,776	3,172	1,586,509
34	Norwich	273	8,566,437	793,438	1,595,188	2,199,900	3,977,911	287	189	238,460	4,411	1,983,600
35	Orange	52	1,017,066	31,539	100,565	130,617	754,345	52	26	34,296	531	252,425
36	Plainfield	51	2,713,962	189,550	571,350	984,065	968,997	55	22	38,553	1,205	424,147
37	Plainville	35	399,775	26,477	83,381	148,032	141,885	33	13	16,291	337	136,815
38	Portland	28	463,585	24,240	55,202	158,339	225,804	28	18	19,187	497	184,361
39	Preston	19	650,847	11,020	113,950	118,175	407,702	24	6	3,600	264	96,487
40	Putnam	93	2,019,685	124,808	342,903	660,842	891,132	91	43	48,009	1,631	537,087
41	Seymour	35	2,148,123	115,700	272,390	637,782	1,122,251	32	47	70,824	833	439,908

BY SPECIFIED INDUSTRIES: 1900—Continued.

WATERBURY—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
46	$24,314	1	$324			$15,453	$5,120	$191	$1,648	$8,494	$40,864	$39,935	$929	$113,617	12
16	9,889	74	24,150			5,530	4,161	477	832	60	108,701	108,053	648	171,422	13
15	7,904	9	2,968			1,752	1,344	17	391		20,130	20,046	84	40,320	14
6	3,281					1,973	1,280	34	659		18,207	17,785	422	37,554	15
7	3,100					372	294	6	72		8,861	8,750	111	17,642	16
2	1,120					787	498	35	254		452	297	155	12,515	17
718	400,841			2	$400	44,193	4,070	5,511	34,362	250	227,361	205,188	22,173	990,993	18
6	3,888					1,642	996		646		6,608	6,433	175	14,167	19
2	628					1,055	721	15	319		6,008	5,813	195	13,415	20
375	202,475			7	1,110	38,810	2,246	1,236	10,328	25,000	288,372	287,452	920	598,671	21
		72	38,107			12,235	5,534	288	5,113	1,300	70,223	69,229	994	136,021	22
12	6,010					3,514	661	202	2,651		18,366	17,908	458	43,379	23
104	70,005	6	2,470			7,804	2,762	282	4,760		65,951	65,156	795	179,070	24
43	25,196					4,348	2,320	68	1,960		35,035	34,763	272	79,230	25
43	19,374					5,572	280	97	4,215	980	22,250	21,981	269	60,075	26
7	4,412	2	1,041			4,303	3,197	27	1,079		8,435	7,946	489	30,840	27
15	11,207					2,658	165	8	710	1,775	10,784	10,784		29,126	28
165	83,068					14,884	7,122	624	7,138		179,978	178,241	1,737	357,933	29
31	18,820	3	1,318	3	517	6,681	2,808	290	3,483	100	23,551	22,499	1,052	65,202	30
89	68,516	13	6,887	1	130	16,568	1,050	395	15,123		19,063	17,035	2,028	135,283	31
12	6,304					1,733	1,510	45	178		12,489	12,308	181	24,540	32
455	233,677	306	100,449	59	18,501	24,670		3,909	20,761		444,015	436,400	7,615	975,822	33
47	23,654					3,219	1,020	158	2,041		69,029	68,483	546	108,840	34
16	13,395					5,384	1,755	50	3,579		14,255	13,876	379	41,375	35
10	6,252					2,293	1,791		502		2,835	2,486	349	17,913	36
4,397	2,374,463	1,772	677,434	127	41,826	595,310	49,118	55,219	490,259	714	8,334,976	8,123,904	211,072	14,149,550	37

products, including sash, doors, and blinds, 2; marble and stone work, 1; mattresses and spring beds, 1; models and patterns, 1; monuments and tombstones, 1; needles and pins, 1; patent medicines and compounds, 1; plated and britannia ware, 2; roofing and roofing materials, 1; rubber and elastic goods, 1; sausage, 2; shirts, 1; smelting and refining, not from the ore, 1; tools, not elsewhere specified, 2; upholstering materials, 2; varnish, 1; watch and clock materials, 1; watches, 1; wirework, including wire rope and cable, 1.

TOWNS UNDER 20,000 IN POPULATION: 1900.

55,645	$28,141,462	20,006	$5,945,994	2,010	$348,841	$8,433,463	$619,782	$569,553	$6,411,983	$832,145	$89,494,891	$87,017,114	$2,477,777	$156,664,353	1
2,886	1,627,555	515	141,203	6	603	348,682	13,496	27,314	293,367	14,505	15,051,022	14,786,728	264,294	18,736,179	2
902	470,495	92	29,691	2	344	70,972	1,136	3,703	63,098	3,035	1,242,414	1,194,699	47,715	2,222,134	3
533	319,905	244	62,897	3	450	70,204	5,989	2,194	44,266	17,755	592,921	575,168	17,753	1,229,651	4
808	404,977	70	15,860	30	6,115	40,871	1,641	2,682	32,178	4,370	239,507	213,199	26,308	917,147	5
1,920	1,030,305	541	155,292	15	3,346	207,650	13,281	19,152	162,265	12,952	2,224,314	2,142,149	82,165	4,364,097	6
413	146,606	267	76,346	45	3,872	38,895	621	7,089	30,585	600	351,198	338,709	12,489	756,235	7
3,004	1,635,632	1,276	379,332	16	2,191	406,556	52,817	16,760	329,792	7,187	3,542,000	3,423,153	118,847	7,213,555	8
1,696	955,353	580	153,190	35	7,535	302,878	14,412	13,142	260,224	15,100	1,304,256	1,266,919	37,337	3,456,561	9
179	63,619	153	40,321	5	814	73,616	879	2,203	56,795	13,739	209,940	206,678	3,262	482,649	10
359	190,471	79	21,901	1	52	82,460	2,099	3,720	58,484	18,157	475,047	446,487	28,560	923,769	11
249	129,744	94	26,414	18	2,617	224,571	495	3,877	218,824	1,375	541,571	520,637	20,934	1,016,216	12
919	440,120	486	131,876	54	7,857	100,058	3,194	15,609	80,055	1,200	1,139,636	1,096,518	43,118	2,090,609	13
120	70,111	10	1,616			49,276	1,436	702	37,138	10,000	319,911	316,389	3,522	538,225	14
405	188,300	147	37,535	1	300	54,409	2,149	3,345	44,915	4,000	352,143	322,567	29,576	802,867	15
483	241,968	150	54,416	29	6,560	215,514	3,606	5,021	205,662	1,225	698,970	678,494	20,476	1,523,464	16
811	382,600	93	24,176	11	1,780	91,999	7,578	3,588	33,033	47,800	764,776	743,737	21,039	1,541,933	17
598	271,836	176	49,296	39	8,134	123,772	1,358	10,613	110,611	1,190	505,748	454,263	51,485	1,173,969	18
92	54,989	2	831			6,032	1,409	332	1,791	2,500	88,731	87,511	1,220	197,106	19
140	79,755	37	8,640	5	1,150	7,561	714	1,094	3,383	2,370	119,083	116,373	2,710	293,400	20
398	181,164	89	21,598	7	1,248	35,611	2,864	3,074	18,495	11,178	373,190	349,614	23,576	757,239	21
1,142	571,324	426	121,145	54	8,864	219,959	16,700	10,372	170,017	22,870	2,267,661	2,178,321	89,340	3,917,477	22
793	314,055	424	120,279	46	6,699	131,734	9,755	12,151	97,828	12,000	811,679	778,084	33,595	1,705,997	23
1,870	961,899	1,224	401,807	24	6,950	194,812	7,247	26,719	139,364	21,482	3,084,627	3,009,460	75,167	5,939,943	24
1,969	951,731	790	221,926	157	26,056	237,604	18,618	20,147	168,292	30,547	2,636,493	2,571,815	64,678	4,825,649	25
199	101,758	116	34,668	10	900	15,447	5,557	463	6,417	3,010	244,282	239,432	4,850	502,036	26
420	151,637	203	58,505	32	5,668	50,514	1,366	6,054	42,544	550	788,588	769,039	19,549	1,252,067	27
2,224	1,205,975	1,041	452,107	32	7,862	323,834	24,001	34,463	235,820	29,550	6,152,981	6,055,757	97,224	9,126,199	28
489	178,636	429	96,670	88	13,938	37,237	1,252	4,876	21,009	10,100	626,927	620,899	6,028	1,089,322	29
1,881	998,219	761	195,593	16	2,406	501,879	39,620	11,483	311,604	139,172	2,804,536	2,767,231	37,305	5,569,615	30
438	221,142	84	30,781	4	1,308	62,530	3,342	1,743	38,375	19,070	412,697	387,042	25,655	907,907	31
290	142,114	22	4,008			23,737	878	2,039	20,820		597,998	577,823	20,175	878,610	32
2,350	1,321,645	791	259,085	31	5,779	296,075	45,532	9,840	168,795	71,908	2,261,195	2,202,470	58,725	5,097,720	33
3,220	1,671,307	1,051	290,601	140	21,692	619,238	54,673	43,875	452,585	68,105	4,321,078	4,142,953	178,125	8,388,343	34
426	229,573	87	19,578	18	3,274	58,522	2,793	4,816	36,463	14,450	1,542,471	1,528,286	14,185	2,168,435	35
748	287,931	397	123,261	60	12,955	42,665	2,735	10,011	28,799	1,120	989,813	961,511	28,302	1,641,078	36
213	101,520	110	32,475	14	2,820	17,664	1,532	2,108	13,624	400	232,533	223,997	8,536	460,471	37
385	157,256	93	24,655	19	2,450	9,822	763	687	8,372		322,432	295,890	26,542	594,397	38
206	82,331	58	14,156			38,256	326	1,757	35,453	720	288,890	282,891	5,999	477,428	39
849	342,424	664	173,382	118	21,281	122,376	21,537	15,564	79,260	6,015	1,097,136	1,073,045	24,091	1,928,803	40
750	414,186	79	25,122	4	600	45,071	6,476	7,243	28,352	3,000	2,092,580	2,046,983	45,597	2,947,463	41

TABLE 9.—MANUFACTURES IN CITIES AND

	Cities and towns.	Number of establishments.	Capital.					Proprietors and firm members.	Salaried officials, clerks, etc.		Average number of wage-earners and total wages.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
42	Southington	65	$2,783,709	$164,770	$474,600	$889,897	$1,254,442	55	70	$103,422	1,415	$627,604
43	Stafford	75	2,061,474	91,800	275,301	414,766	1,279,607	78	53	57,457	1,061	399,876
44	Stamford	185	5,189,195	264,424	833,765	1,755,979	2,335,027	208	288	264,622	2,841	1,432,540
45	Stonington	118	3,733,679	90,806	518,345	1,110,505	2,014,023	130	84	127,514	1,967	902,740
46	Thomaston	23	1,778,944	35,567	189,900	370,957	1,182,520	21	36	51,980	1,154	545,479
47	Thompson	19	4,511,383	26,495	939,720	1,722,603	1,822,565	19	45	64,042	1,766	575,567
48	Torrington	108	6,544,511	314,614	854,519	1,135,105	4,240,273	112	152	217,559	3,522	1,704,291
49	Vernon	123	5,743,445	270,475	565,417	957,285	3,950,268	122	68	107,343	2,449	928,886
50	Wallingford	73	5,382,134	250,108	744,700	1,260,375	3,126,951	63	162	285,197	2,270	1,160,551
51	Watertown	37	536,524	20,695	77,000	61,245	377,584	39	24	39,255	501	166,340
52	Westport	35	343,948	24,710	47,213	88,577	183,448	31	31	46,542	225	101,788
53	Winchester	133	2,971,429	232,649	428,622	615,919	1,694,239	136	156	170,199	1,746	753,192
54	Windham	114	5,856,194	144,503	1,828,055	2,190,388	1,693,248	122	90	97,980	2,514	948,041
55	Windsor	40	1,016,549	47,525	183,003	313,871	472,150	39	49	43,200	482	227,127
56	Windsor Locks	37	2,117,159	168,749	404,405	613,657	930,348	35	38	53,051	831	331,402

TOWNS UNDER 20,000 IN POPULATION: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
1,304	$603,269	111	$24,335	----------	----------	$112,884	$2,724	$13,783	$94,627	$1,750	$797,102	$735,267	$61,835	$1,994,564	42
650	278,174	341	109,095	70	$12,607	105,606	8,338	7,802	82,450	7,016	1,347,143	1,302,221	44,922	2,177,535	43
2,480	1,339,289	276	77,381	85	15,870	464,452	34,551	20,474	390,827	18,600	2,059,725	1,932,329	127,396	4,743,704	44
1,562	785,520	356	110,891	49	6,329	344,536	21,612	8,661	290,076	24,187	1,312,285	1,269,724	42,561	3,231,423	45
890	473,939	219	64,929	45	6,611	95,997	2,935	8,167	84,895	----------	1,486,133	1,457,150	28,983	2,374,481	46
1,060	399,025	576	154,357	130	22,185	62,236	9,017	10,624	42,495	100	928,432	898,277	30,155	1,645,476	47
3,106	1,546,716	309	131,632	107	25,943	409,102	84,355	28,011	264,247	32,489	6,687,684	6,533,200	154,484	10,017,121	48
1,481	662,560	877	251,446	91	14,880	419,062	8,235	30,127	335,352	45,348	3,245,493	3,190,130	55,363	5,499,418	49
1,776	1,019,024	474	137,718	20	3,809	268,756	6,754	14,812	246,890	300	2,813,410	2,760,795	52,615	5,238,280	50
208	97,697	285	66,134	8	2,509	15,801	1,368	3,254	5,754	5,425	629,538	622,666	6,872	936,266	51
153	82,952	70	18,700	2	136	32,129	3,225	824	18,672	9,408	284,493	278,061	6,432	556,668	52
1,136	578,602	581	170,132	29	4,458	169,955	13,700	12,455	121,403	22,397	1,529,704	1,494,554	35,150	2,923,822	53
1,240	563,682	1,112	361,953	162	22,406	209,638	16,968	28,850	146,102	17,718	1,520,562	1,479,642	40,920	3,436,033	54
357	192,004	118	33,720	7	1,403	35,448	4,194	3,916	24,438	2,900	508,427	486,857	21,570	921,829	55
465	226,841	350	101,336	16	3,225	87,298	5,929	6,168	75,001	200	631,785	583,320	48,465	1,311,768	56

DELAWARE.

Table 1 shows the manufacturing and mechanical industries of the state of Delaware as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	1,417	1,003	746	800	615	531	41.3	34.5	[1]6.8	30.1	15.8
Capital	$41,203,239	$33,695,400	$15,655,822	$10,839,093	$5,452,887	$2,978,945	22.3	115.2	44.4	98.8	83.0
Salaried officials, clerks, etc., number	1,327	[2]1,427	(3)	(3)	(3)	(3)	[1]7.0	-------	-------	-------	-------
Salaries	$1,422,831	[2]$1,261,912	(3)	(3)	(3)	(3)	12.8	-------	-------	-------	-------
Wage-earners, average number	22,203	20,479	12,638	9,710	6,421	3,888	8.4	62.0	30.2	51.2	65.1
Total wages	$9,259,661	$8,630,475	$4,267,349	$3,692,195	$1,905,754	$936,924	7.3	102.2	15.6	93.7	103.4
Men, 16 years and over	17,765	16,219	10,250	7,705	5,465	3,237	9.5	58.2	33.0	41.0	68.8
Wages	$8,374,023	$8,002,849	(3)	(3)	(3)	(3)	4.6	-------	-------	-------	-------
Women, 16 years and over	3,579	2,890	1,426	1,199	956	651	23.8	102.7	18.9	25.4	46.9
Wages	$754,726	$476,344	(3)	(3)	(3)	(3)	58.4	-------	-------	-------	-------
Children, under 16 years	859	1,370	962	806	(3)	(3)	[1]37.3	42.4	19.4	-------	-------
Wages	$130,912	$151,282	(3)	(3)	(3)	(3)	[1]13.5	-------	-------	-------	-------
Miscellaneous expenses	$2,155,948	$1,851,575	(4)	(4)	(4)	(4)	16.4	-------	-------	-------	-------
Cost of materials used	$26,652,601	$21,161,752	$12,828,461	$10,206,397	$6,028,918	$2,864,607	25.9	65.0	25.7	69.3	110.5
Value of products, including custom work and repairing	$45,387,630	$37,571,848	$20,514,438	$16,791,382	$9,892,902	$4,649,296	20.8	83.1	22.2	69.7	112.8
Total population	184,735	168,493	146,608	125,015	112,216	91,532	9.6	14.9	17.3	11.4	22.6
Wage-earners engaged in manufactures	22,203	20,479	12,638	9,710	6,421	3,888	8.4	62.0	30.2	51.2	65.1
Per cent of total population	12.0	12.2	8.6	7.8	5.7	4.2	-------	-------	-------	-------	-------
Assessed value of real estate	[5]$77,632,079	$63,346,513	$50,302,739	[6]$48,744,783	[6]$26,273,803	$14,486,595	22.6	25.9	3.2	85.5	81.4
Value of land and buildings invested in manufactures[7]	$10,808,454	$8,889,319	(3)	(3)	(3)	(3)	21.6	-------	-------	-------	-------
Per cent of assessed value	13.9	14.0	-------	-------	-------	-------	-------	-------	-------	-------	-------

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[3] Not reported separately.
[4] Not reported.
[5] As given for the year 1897 in Dana's supplement, "State and City," to the Commercial and Financial Chronicle, under date of April 13, 1901.
[6] As given in the American Cyclopædia, published in 1879.
[7] Does not include value of rented property.

Table 1 shows that there has been a steady growth in the manufacturing and mechanical industries of Delaware during the half century. The population during these years increased from 91,532 to 184,735, while the average number of wage-earners employed in manufacturing establishments increased from 3,888 to 22,203, embracing in 1900, 12 per cent of the entire population, compared with 4.2 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 33,184, or 18 per cent of the total population of the state.

Notwithstanding these increases, Delaware is not to be regarded as a manufacturing state in the full significance of the term. Farms in the state constitute 85 per cent of the total land surface, which is 1,254,400 acres. There are 9,687 farms in the state with an aggregate area of 1,066,228 acres, of which 754,010, or 70.7 per cent, are improved. Peaches, apples, and small fruits, as strawberries, raspberries, etc., are raised in abundance, and Delaware, in connection with New Jersey and Maryland, supplies about seven-tenths[1] of the demand for these products in the New York and Philadelphia markets. The state appears to be the natural home of the peach and is preeminently a fruit-growing state. The abundance and excellence of its fruit have resulted in a striking development of fruit canning and preserving, an industry which has more than doubled in value of products since the last census was taken (Table 3), and which from present indications will undergo a still greater growth during the next decade.

The geographical location of Delaware is well suited to the advantageous development of manufactures. Delaware River and Delaware Bay (its eastern boundary) and Christiana Creek are navigable for large vessels, while good harbors exist at Wilmington, Newcastle, and Lewes. Numerous railroads cross the northern section of the state, bringing the coal and iron fields of Pennsylvania within easy reach, and rendering the markets of Philadelphia and Baltimore most accessible. The Brandywine River within four miles of its mouth has a fall of

[1] Universal Cyclopædia, 1900, Vol. III, pages 380–381.

100 feet, which furnishes waterpower for various factories. The excellent waterpower facilities of the Brandywine were early utilized, as in 1814 there were on the river, in the vicinity of Wilmington, 14 gristmills, 16 cooper shops, 5 cotton mills, 3 woolen mills, powder mills, shops for the manufacture of cotton and woolen machinery, sawmills, etc. The central location, navigable rivers, exceptional railroad facilities, and low shipping rates, caused by water and rail competition, gave to the city of Wilmington rare advantages for the reception of raw materials and the distribution of finished products. Nearly all of the large manufacturing establishments of Wilmington rose from small beginnings to their present state, through the thrift and industry of their founders. The date of the establishment of many of the industries is the same as the charter of the city, 1832. The first railroad began operations in 1837, and by the establishment of its shops gave a general impetus to manufacturing.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics of establishments with a product of less than $500; these were not reported at previous censuses and therefore are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	1,586	$41,292,267	1,684	22,235	$9,263,647	$2,161,794	$26,668,333	$9,644,774	$15,878,470	$1,145,139	$45,437,490
Hand trades[1]	561	1,422,675	614	1,338	633,855	211,025	1,327,157	178,200	1,128,487	25,470	2,983,714
Establishments with a product of less than $500	169	89,028	174	32	3,986	5,846	15,782	1,129	14,653	----------	49,860
All other establishments	856	39,780,564	896	20,865	8,625,806	1,944,923	25,325,444	9,470,445	14,735,330	1,119,669	42,403,916

[1] Includes bicycle and tricycle repairing, 15; blacksmithing and wheelwrighting, 121; boots and shoes, custom work and repairing, 94; carpentering, 50; clothing, men's, custom work and repairing, 49; clothing, women's, dressmaking, 30; dyeing and cleaning, 5; furniture, cabinetmaking, repairing, and upholstering, 18; lock and gun smithing, 5; masonry, brick and stone, 16; millinery, custom work, 49; painting, house, sign, etc., 22; paper hanging, 21; plastering and stuccowork, 6; plumbing, and gas and steam fitting, 28; sewing machine repairing, 1; watch, clock, and jewelry repairing, 31.

Of the 1,586 establishments of all classes shown in this table, 730, or 46 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $3,038,574, or only 6.7 per cent of the total value of the products of the state.

In addition to the 1,586 active establishments in the state during the census year, with a capital of $41,292,267, shown in Table 2, there were 5 idle establishments, with a capital of $59,940. One of these establishments, with a capital of $29,000, was reported for the manufacture of agricultural implements, and 1, with a capital of $23,000, for the manufacture of paints. The remaining idle capital, amounting to $7,940, was invested in comparatively small establishments reported for various industries.

Comparative statistics for the 10 leading industries in Delaware are presented in Table 3.

TABLE 3.—COMPARATIVE SUMMARY OF TEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Total for selected industries for state	1900	248	$21,582,009	11,565	$5,002,088	$712,842	$15,955,270	$25,056,508
	1890	213	16,602,071	12,167	4,981,489	646,069	11,711,483	19,738,780
Increase, 1890 to 1900	--------	35	4,979,938	[1]602	20,599	66,773	4,243,787	5,317,723
Per cent of increase	--------	16.4	30.0	[1]4.9	0.4	10.3	36.2	26.9
Per cent of total of all industries in state	1900	17.5	52.4	52.1	54.0	33.1	59.9	55.2
	1890	21.2	49.3	59.4	57.7	34.9	55.3	52.5
Carriages and wagons	1900	36	423,689	224	104,307	18,239	113,496	310,865
	1890	44	730,442	484	243,218	37,935	358,191	774,130
Cars and general shop construction and repairs by steam railroad companies.	1900	5	751,213	880	529,025	2,315	460,519	1,012,683
	1890	3	767,875	821	489,690	----------	748,556	1,280,485
Cars, steam railroad, not including operations of railroad companies.	1900	3	2,429,007	2,032	1,041,088	121,819	1,876,435	3,274,922
	1890	3	2,839,733	2,301	1,329,739	87,677	1,528,528	3,291,293
Fertilizers	1900	11	496,784	148	50,553	18,137	399,642	738,703
	1890	17	1,011,589	187	66,333	31,277	696,185	1,018,438
Flouring and grist mill products	1900	83	1,017,508	135	48,928	28,038	980,837	1,165,800
	1890	56	1,127,592	150	55,691	43,952	1,464,485	1,675,040

[1] Decrease.

TABLE 3.—COMPARATIVE SUMMARY OF TEN LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Foundry and machine shop products	1900	28	$5,315,825	2,103	$997,742	$112,368	$1,737,485	$3,501,767
	1890	25	3,248,901	1,501	814,929	142,584	1,227,271	2,666,717
Fruits and vegetables, canning and preserving	1900	51	966,660	1,437	226,149	27,169	1,083,142	1,570,790
	1890	28	391,038	2,463	192,476	26,519	432,317	740,090
Iron and steel	1900	6	4,207,079	1,490	705,866	140,054	1,635,762	3,159,641
	1890	7	2,558,865	1,637	765,158	43,201	1,549,539	2,608,670
Leather, tanned, curried, and finished	1900	20	5,178,804	2,457	1,044,903	226,083	7,027,715	9,400,504
	[1]1890	20	1,791,259	1,364	624,812	120,371	2,823,160	4,106,894
Textiles: cotton goods, woolen goods	1900	5	795,440	659	254,027	18,620	640,237	920,828
	1890	10	2,134,777	1,259	399,443	112,553	883,251	1,577,023

[1] Not including 1 establishment: leather, patent and enameled, included in 1890 under "All other industries."

The 10 leading industries of the state in 1900, as shown in Table 3, embraced 248 establishments, or 17.5 per cent of the total number in the state; used a capital of $21,582,009, or 52.4 per cent of the total; gave employment to 11,565 wage-earners, or 52.1 per cent of the total number; and paid $5,002,088, or 54 per cent of the total wages. The value of their products was $25,056,503, or 55.2 per cent of the total.

Table 3 shows that the principal industries in the state are those in which iron ore or iron and steel are the chief materials. Steel works and rolling mills, car shops, foundry and machine shops, and iron and steel shipbuilding may be considered as the group of iron and steel industries. In 1900, exclusive of shipbuilding, there were 42 establishments in this group, with a capital of $12,703,124, or 30.8 per cent of the total capital for the state; they employed 6,505 wage-earners, or 29.3 per cent of the total; and paid $3,273,221 as wages, or 35.3 per cent of the total wages; while the value of their products was reported at $10,949,013, or 24.1 per cent of the value of the products of the state.

The immense coal fields of Pennsylvania, Virginia, and Maryland are within easy distance, and raw materials, as iron ore, etc., and coke can be put down at Wilmington at about the same rates as apply to Philadelphia. This close proximity to the raw materials, especially iron ore, early stimulated the manufacture of products of iron and steel, which has always been the leading industry of that city. Certain specialties, such as paper-making machinery and pumping and mining apparatus, are well known. In 1817 there was put into operation in Delaware the first endless sheet machine used in America in the manufacture of paper.[1] The invention cheapened the cost, increased the production, and entirely revolutionized the paper-making business. The shipbuilding industry has always been well established at Wilmington, first in the building of sailing vessels and later in the construction of iron and steel steamships. In this city was constructed the first iron sailing vessel built in the United States, which was launched in 1854.[2] The products of its shipbuilding yards, its car manufacturing establishments, its manufactories of machine tools, engines, and boilers, are well known in all quarters of the globe. The next most important industry is the tanning, currying, and finishing of leather. This is a large and flourishing industry, and the city claims the distinction of having one of the largest morocco plants in the world. The manufacture of gunpowder was begun in Delaware about 1800 and has continued ever since under the auspices of the same family, which continues to turn out the largest product of powder of any establishment in the United States.[3] Certain other industries, notably the manufacture of fertilizers, textiles, and carriages and wagons, have been declining. The decline in the last industry seems to be connected with the general westward tendency of these manufactures.

The manufacture of food products, which includes the canning industries and the flouring and grist mills, ranks as the third industry in importance. The establishment of flouring mills was coincident with the founding of settlements, and from the time they were built until a few decades ago, they regulated the price of grain through a very extensive portion of the country.[4] It appears that this industry is declining, from the fact that it shows a noticeable decrease of capital, value of products, etc. On the other hand the canning of fruits and vegetables, as noted above, has shown remarkable development. During the decade, there was an increase of 23 establishments engaged in this industry, the capital increased 147.2 per cent, the number of wage-earners decreased 41.7 per cent, the wages increased 17.5 per cent, and the value of products increased 112.2 per cent.[5]

[1] Montgomery's "Reminiscences of Wilmington," 1851, pages 33–35.

[2] "Industrial Wilmington," 1898, compiled by George A. Wolf, and issued by authority of Board of Trade, page 54.

[3] Harkness Magazine, No. 19, "City of Wilmington," by A. J. Clement.

[4] History of Delaware, Scharf.

[5] Establishments engaged in this industry are in operation only a few months during the year. The average number of employees for 1900 was computed for the entire year, 12 (the number of calendar months) being used as a divisor to obtain the sum of the average numbers reported for each month. In 1890 the average number was computed for the actual time that the establishments were reported as being in operation. The largest number of employees in the industry in 1900 was 5,909, in the month of September, and this number was undoubtedly much larger than at any one time in 1890.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the city of Wilmington as returned at the censuses of 1880, 1890, and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, WILMINGTON, 1880, 1890, AND 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.			PER CENT OF INCREASE.	
	1900	1890	1880	1890 to 1900	1880 to 1890
Number of establishments	759	590	258	28.6	128.7
Capital	$28,372,043	$20,585,646	$10,744,389	37.8	91.6
Wage-earners, average number	16,055	13,370	7,852	20.1	70.3
Total wages	$7,439,210	$6,707,867	$3,174,821	10.9	111.3
Miscellaneous expenses	$1,658,908	$1,131,648	(1)	46.6	
Cost of materials used	$19,451,815	$13,050,152	$7,884,847	49.1	65.5
Value of products, including custom work and repairing	$34,053,324	$24,568,125	$13,205,370	38.6	86.0

[1] Not reported.

It appears from Table 4 that there has been a considerable increase during the past decade in the manufactures of the city. The number of establishments increased from 590 to 759, or 28.6 per cent; the average number of wage-earners from 13,370 to 16,055, or 20.1 per cent; and the value of products from $24,568,125 to $34,053,324, or 38.6 per cent. The number of establishments, number of wage-earners, and value of products for this city constituted 53.6, 72.3, and 75 per cent, respectively, of the totals for the entire state.

Considerable manufacturing, principally in shipbuilding, rolling mills and steel works, and cotton and woolen goods, is carried on also at Newcastle, a city of 3,380 population.

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	The State	1,417	$41,203,239	$4,164,048	$6,644,406	$11,540,663	$18,854,122	1,510	1,327	$1,422,831	22,203	$9,259,661
2	Kent	224	1,723,539	107,310	278,178	364,008	979,043	267	58	34,223	1,627	329,609
3	Newcastle	954	38,139,326	3,956,882	6,208,951	10,804,284	17,169,209	948	1,227	1,369,632	18,692	8,519,078
4	Sussex	239	1,340,374	99,856	162,277	372,371	705,870	295	42	18,976	1,884	410,974

TABLE 7.—MANUFACTURES BY

1	All industries	1,417	$41,203,239	$4,164,048	$6,644,406	$11,540,663	$18,854,122	1,510	1,327	$1,422,831	22,203	$9,259,661
2	Baskets, and rattan and willow ware	7	40,325	4,300	6,300	17,800	11,925	9	2	600	111	19,533
3	Bicycle and tricycle repairing	15	19,471		25	3,645	15,801	12	1	1,200	13	4,150
4	Blacksmithing and wheelwrighting	121	174,352	16,885	37,755	26,360	73,352	130			85	34,656
5	Boots and shoes, custom work and repairing.	94	36,301	5,900	8,915	10,789	10,697	94			24	8,972
6	Bottling	9	78,120	8,000	18,700	29,158	22,262	9	7	3,424	43	19,694
7	Boxes, wooden packing	6	107,925	4,800	16,600	21,150	65,375	8	3	1,740	257	46,650
8	Bread and other bakery products	54	281,026	17,070	98,230	45,607	70,119	55	11	5,728	187	96,436
9	Brick and tile	25	283,637	17,685	58,695	54,730	152,527	27	9	8,860	215	70,063
10	Brooms and brushes	3	9,735	3,510	4,150	325	1,750	3	1	416	7	3,039
11	Carpentering	50	280,607	18,900	64,750	23,750	173,207	56	9	4,600	269	157,988

Table 5 presents the totals for the manufacturing industries of the 2 cities withdrawn from the enumerators and places them in comparison with the totals for the entire state, and the state exclusive of these cities.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for state	1,417	$41,203,239	1,510	22,208	$9,259,661	$2,155,948	$26,652,601	$45,387,630
Total for urban manufactures	790	29,821,438	787	16,663	7,682,934	1,709,109	20,901,837	35,891,612
Newcastle	31	1,449,395	27	608	243,724	50,201	1,450,022	1,838,288
Wilmington	759	28,372,043	760	16,055	7,439,210	1,658,908	19,451,815	34,053,324
Total for state exclusive of urban manufactures	627	11,381,801	723	5,540	1,576,727	446,839	5,750,764	9,496,018
Per cent of urban manufactures to total for state	55.8	72.4	52.1	75.0	83.0	79.3	78.4	79.1

Of the 1,417 establishments in the state, 790, or 55.8 per cent, were located in these 2 cities. They furnished employment to 16,663 wage-earners, or 75 per cent of the total number, and the value of their products, $35,891,612, formed 79.1 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the city of Wilmington, by specified industries, and also the totals for all the industries in the city of Newcastle.

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued. Men, 16 years and over. Average number.	Men. Wages.	Women, 16 years and over. Average number.	Women. Wages.	Children, under 16 years. Average number.	Children. Wages.	MISCELLANEOUS EXPENSES. Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	COST OF MATERIALS USED. Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
17,765	$8,374,023	3,579	$754,726	859	$130,912	$2,155,948	$181,063	$111,494	$1,748,209	$115,182	$26,652,601	$25,919,685	$732,916	$45,387,630	1
735	201,266	765	117,471	127	10,872	90,603	14,226	4,796	60,265	11,316	1,512,145	1,488,607	23,538	2,405,683	2
15,899	7,863,405	2,167	544,707	626	110,966	2,026,730	161,204	103,048	1,658,770	103,708	24,060,640	23,368,505	692,135	40,900,806	3
1,131	309,352	647	92,548	106	9,074	38,615	5,633	3,650	29,174	158	1,079,816	1,062,573	17,243	2,081,141	4

SPECIFIED INDUSTRIES: 1900.

17,765	$8,374,023	3,579	$754,726	859	$130,912	$2,155,948	$181,063	$111,494	$1,748,209	$115,182	$26,652,601	$25,919,685	$732,916	$45,387,630	1
94	18,213	7	700	10	620	560	25	137	398	----------	17,065	17,000	65	52,075	2
11	3,804	1	156	1	190	2,727	2,398	19	310	----------	6,816	6,537	279	22,381	3
85	34,656	-------	----------	-------	----------	7,974	4,899	1,005	2,070	----------	50,587	48,112	2,475	179,155	4
24	8,972	-------	----------	-------	----------	6,485	5,973	285	177	50	26,874	26,250	624	79,941	5
39	18,966	-------	----------	4	728	6,272	2,246	1,526	2,500	----------	101,030	100,019	1,011	163,446	6
139	33,820	104	11,288	14	1,542	1,618	106	287	1,225	----------	46,915	46,815	100	111,375	7
174	94,066	11	2,122	2	248	10,970	6,623	1,514	2,833	----------	264,176	256,077	8,099	485,240	8
211	69,338	1	100	3	625	7,772	5,089	592	2,091	----------	22,439	1,494	20,945	167,692	9
7	3,039	-------	----------	-------	----------	376	300	51	25	----------	10,758	10,735	23	19,169	10
269	157,988	-------	----------	-------	----------	88,532	2,573	1,111	5,433	79,415	376,256	375,492	764	838,051	11

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
12	Carpets, rag	4	$840			$625	$215	4			1	$417
13	Carriage and wagon materials	4	106,439	$13,200	$20,500	16,135	56,604	2	7	$6,640	78	33,517
14	Carriages and wagons	36	423,689	66,920	71,150	31,135	254,484	40	11	9,506	224	104,307
15	Cars and general shop construction and repairs by steam railroad companies.	5	751,213	256,825	238,025	97,391	158,972		17	20,824	880	529,025
16	Cars, steam railroad, not including operations of railroad companies.	3	2,429,007	239,828	364,493	348,170	1,476,516		73	83,528	2,032	1,041,088
17	Charcoal	9	16,654	300	1,228	335	14,791	9	1	200	114	19,981
18	Cheese, butter, and condensed milk, factory product.	22	85,155	11,575	17,650	37,850	18,080	29	5	2,120	34	13,093
19	Clothing, men's, custom work and repairing.	49	167,258	22,500	18,300	7,815	118,643	52	12	9,782	186	78,044
20	Clothing, women's, dressmaking	30	23,359	6,950	9,650	2,156	4,603	30			57	12,606
21	Clothing, women's, factory product	3	9,125	125	500	5,400	3,100	4	1	624	38	9,030
22	Confectionery	29	152,507	40,700	43,100	28,652	40,055	26	58	13,660	93	30,366
23	Cotton goods	3	484,858	27,000	98,260	205,789	153,809		11	15,449	372	138,844
24	Druggists' preparations, not including prescriptions.	3	21,886	5,900	3,800	3,800	8,386	3	4	4,618	5	1,952
25	Dyeing and cleaning	5	21,965	10,600	5,000	1,825	4,540	9	1	800	5	2,218
26	Fertilizers	11	496,784	13,500	82,567	103,639	297,078	9	17	16,685	148	50,553
27	Fish, canning and preserving	3	1,935	400	500	185	850	5				
28	Flouring and grist mill products	83	1,017,508	200,670	239,459	309,585	267,794	96	20	17,796	135	48,928
29	Foundry and machine shop products	28	5,315,825	640,983	1,060,709	1,413,659	2,200,474	22	146	199,058	2,103	997,742
30	Fruits and vegetables, canning and preserving.	51	966,660	31,080	148,338	141,164	646,078	72	29	14,278	1,437	226,149
31	Furniture, cabinetmaking, repairing, and upholstering.	18	68,337	17,000	20,000	4,110	27,227	19	6	5,720	27	13,292
32	Gas, illuminating and heating	4	771,842	67,775	49,125	550,597	104,345	2	21	18,285	67	31,958
33	Hosiery and knit goods	7	298,511	9,000	25,803	162,785	100,923	2	19	14,686	582	123,103
34	Ice, manufactured	7	259,501	17,300	42,000	176,700	23,501	2	8	4,316	28	12,480
35	Iron and steel	6	4,207,079	555,000	384,500	2,138,522	1,129,057		81	132,677	1,490	705,366
36	Kaolin and other earth grinding	4	111,750	14,000	32,500	29,000	36,250		9	7,330	101	50,000
37	Leather, tanned, curried, and finished	20	5,178,804	166,669	501,796	572,248	3,938,091	30	156	166,139	2,457	1,044,903
38	Liquors, distilled	12	45,690	2,525	7,575	8,805	26,785	12	4	1,340	16	4,330
39	Liquors, malt	5	1,126,738	95,700	352,569	193,616	484,853	3	18	25,301	84	56,091
40	Lock and gun smithing	5	10,530	400	600	5,400	4,130	5	2	988	4	1,604
41	Looking-glass and picture frames	7	39,642	7,000	7,500	1,652	23,490	8	4	1,040	8	3,211
42	Lumber and timber products	76	354,464	58,745	24,925	124,330	146,464	105	1	200	433	105,093
43	Lumber, planing mill products, including sash, doors, and blinds.	12	215,495	28,975	31,900	42,725	111,895	17	8	5,790	91	37,736
44	Marble and stone work	5	59,481	7,100	10,378	10,045	31,958	3	6	4,036	146	61,444
45	Masonry, brick and stone	16	80,480	12,630	31,875	5,675	30,300	13	4	5,000	113	72,054
46	Millinery, custom work	49	89,294	10,420	23,115	3,279	52,480	59	12	3,615	81	18,316
47	Mineral and soda waters	7	30,110	10,750	7,000	9,700	2,660	7			8	2,759
48	Monuments and tombstones	11	75,050	27,600	7,250	2,650	37,550	13	2	1,260	46	29,882
49	Painting, house, sign, etc	22	63,722	4,100	7,550	7,210	44,862	30	3	1,408	104	62,762
50	Paper and wood pulp	6	2,143,108	173,200	397,775	1,285,317	286,816	6	19	61,675	451	193,783
51	Paper hanging	21	30,978	1,200	1,300	1,977	26,501	28	13	4,538	39	23,129
52	Paving and paving materials	3	12,260	200	460	2,500	9,100	5	1	208	56	19,970
53	Photography	9	32,350	3,000	5,000	12,450	11,900	9	1	1,300	18	8,109
54	Plastering and stuccowork	6	85,334	14,000	10,200	11,728	49,406	7	5	3,559	118	38,213
55	Plumbing, and gas and steam fitting	28	215,697	29,300	33,000	32,855	120,542	31	29	18,160	193	89,641
56	Printing and publishing, book and job.	13	145,449	14,000	12,500	66,041	52,908	10	12	8,644	88	40,606
57	Printing and publishing, newspapers and periodicals.	26	275,298	20,650	30,550	153,705	70,393	15	45	29,656	220	86,208
58	Pulp goods	5	592,876	40,341	70,239	128,953	353,343	1	24	23,541	178	80,115
59	Roofing and roofing materials	13	96,185	25,100	24,550	8,710	37,825	16	5	2,340	43	21,962
60	Saddlery and harness	26	172,384	21,100	27,300	11,097	112,887	24	13	11,700	57	24,988
61	Ship and boat building, wooden	9	224,726	40,900	14,350	36,850	132,626	9	7	8,936	207	110,504
62	Shirts	10	44,250	746	7,105	29,478	6,921	13	11	5,863	410	72,039
63	Slaughtering and meat packing, wholesale.	3	224,220	20,000	33,000	41,060	130,160	6	12	9,040	29	16,602
64	Tinsmithing, coppersmithing, and sheet-iron working.	42	118,437	12,950	21,650	20,192	63,645	48	5	2,722	99	49,197
65	Tobacco, cigars and cigarettes	25	77,229	3,100	3,575	8,757	61,797	27	1	624	106	39,786
66	Watch, clock, and jewelry repairing	31	54,830	7,300	13,600	12,930	21,000	33	3	502	25	16,210
67	All other industries[1]	83	9,766,942	868,166	1,632,942	2,638,390	4,627,444	72	301	388,556	4,837	2,093,174

[1] Embraces agricultural implements, 1; awnings, tents, and sails, 2; belting and hose, leather, 1; belting and hose, rubber, 1; bookbinding and blank book making, 2; boots and shoes, factory product, 1; boxes, fancy and paper, 1; brass castings and brass finishing, 1; bridges, 2; cars and general shop construction and repairs by street railroad companies, 1; cars, street railroad, not including operations of railroad companies, 1; chemicals, 1; clothing, men's, factory product, 1; coffee and spice, roasting and grinding, 2; coffins, burial cases, and undertakers' goods, 1; cooperage, 1; cordials and sirups, 1; cutlery and edge tools, 1; dentists' materials, 2; dyeing and finishing textiles, 2; electrical apparatus and supplies, 1; electroplating, 2; explosives, 1; food preparations, 2; fur hats, 1; furniture, factory product, 1; glass, 1; glue, 1; grease and tallow, 2; hairwork, 1; hand stamps, 1; hats and caps, not including fur hats and wool hats, 2; iron and steel, pipe,

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
1	$417					$166	$156		$10		$807	$795	$12	$2,486	12
73	33,517					3,734	96	$343	2,416	$879	37,822	36,310	1,512	105,375	13
219	103,339	3	$748	2	$220	18,239	6,090	2,247	9,902		113,496	110,880	2,616	310,865	14
878	528,376	2	649			2,315		1,692	623		460,519	447,433	13,086	1,012,688	15
1,978	1,028,731	29	8,925	25	3,432	121,819		7,100	114,719		1,876,435	1,854,096	22,339	3,274,922	16
114	19,981					359	60	27	272		7,688	7,688		45,500	17
34	13,093					4,577	580	357	3,640		184,196	180,644	3,552	252,892	18
81	52,619	99	24,671	6	754	19,464	11,184	496	2,124	5,660	97,570	96,572	998	267,822	19
4	2,184	53	10,422			3,566	3,102	278	186		9,457	8,985	472	38,500	20
		38	9,030			375	288	25	62		4,296	4,036	260	18,310	21
53	22,678	39	7,306	1	382	8,890	4,905	802	3,183		111,638	109,910	1,728	214,517	22
108	58,885	222	67,700	42	12,259	6,448		1,761	4,687		187,919	169,043	18,876	372,089	23
2	1,640	2	234	1	78	2,910	240	158	2,512		5,382	5,060	322	23,239	24
5	2,218					1,170	132	186	852		988	772	216	11,740	25
148	50,553					18,137	50	1,043	17,044		399,642	392,230	7,412	738,703	26
						89	64	14	11		6,238	6,134	104	8,473	27
134	48,728			1	200	28,038	8,741	3,772	15,195	330	980,837	967,578	13,259	1,165,800	28
2,087	995,536	4	900	12	1,306	112,368	2,930	11,272	96,866	1,300	1,737,485	1,645,283	92,202	3,501,767	29
527	113,751	750	100,119	160	12,279	27,169	1,722	1,501	23,946		1,083,142	1,070,248	12,894	1,570,790	30
19	11,109	8	2,183			5,207	1,704	589	2,914		29,596	29,317	279	75,511	31
67	31,958					21,034		3,159	17,875		50,853	50,667	186	199,760	32
85	25,390	408	84,307	89	13,406	32,471	1,875	639	29,657	300	209,048	204,453	4,595	429,055	33
27	12,330			1	150	8,214		996	7,218		13,654	3,908	9,746	71,240	34
1,481	704,166			9	1,200	140,054		8,017	132,037		1,635,762	1,496,095	139,667	3,159,641	35
101	50,000					6,420	600	265	5,555		77,149	69,849	7,300	162,045	36
1,784	861,094	583	165,865	90	17,944	226,083	13,549	14,132	198,402		7,027,715	6,988,968	38,747	9,400,504	37
16	4,330					16,991	137	372	16,482		11,618	10,261	1,357	51,431	38
84	56,091					285,662		3,451	282,211		123,327	114,357	8,970	616,496	39
4	1,604					847	636	57	154		2,227	2,119	108	9,566	40
6	3,016			2	195	1,512	692	234	586		12,085	11,793	292	29,352	41
398	100,325	23	3,113	12	1,655	6,195	795	1,442	3,958		234,193	233,548	645	471,482	42
91	37,736					5,169	1,100	708	3,361		104,535	102,944	1,591	178,188	43
146	61,444					16,168	6,695	261	9,212		10,382	8,369	2,013	104,810	44
113	72,054					15,695	144	836	3,515	11,200	144,195	144,195		297,556	45
		80	18,260	1	56	11,623	9,511	401	1,711		72,601	71,926	675	147,442	46
6	2,443			2	316	1,098	472	201	425		6,010	5,890	120	20,628	47
46	29,882					1,617	372	410	835		77,207	77,087	120	126,781	48
104	62,762					4,653	1,677	143	2,223	610	39,210	39,124	86	145,167	49
372	175,808	79	17,975			90,785		5,168	85,617		1,028,274	949,685	78,589	1,599,718	50
39	23,129					5,986	4,978	148	860		21,098	20,849	249	79,373	51
56	19,970					1,266	1,036	140	90		12,275	12,225	50	44,566	52
15	7,207	3	902			3,102	2,299	207	596		10,312	10,028	284	36,955	53
113	38,213					24,135	668	424	23,043		196,161	193,383	2,778	290,885	54
189	88,855			4	786	7,661	3,590	889	3,182		238,161	236,700	1,461	433,608	55
61	33,005	24	7,267	3	334	7,991	3,856	514	3,571	50	29,381	27,451	1,930	110,615	56
174	78,560	25	5,816	21	1,832	17,201	3,870	768	12,563		56,047	51,377	4,670	219,184	57
174	78,887	2	500	2	728	14,421		1,260	13,161		246,262	235,257	11,005	461,093	58
43	21,962					1,602	426	700	476		27,840	27,568	272	74,990	59
55	24,728			2	260	6,630	2,953	547	3,130		79,276	78,643	633	147,994	60
201	109,464			6	1,040	7,791	869	557	6,007	358	153,361	150,787	2,574	360,117	61
22	8,242	373	62,637	15	1,160	3,361	1,560	98	1,703		37,735	36,083	1,652	159,437	62
29	16,602					9,610	3,120	596	5,894		352,835	350,918	1,917	415,144	63
99	49,197					7,595	4,927	686	1,982		54,406	53,315	1,091	161,620	64
58	29,765	27	7,766	21	2,255	20,331	4,392	301	15,638		38,302	37,717	585	121,872	65
23	15,898			2	312	5,199	3,585	276	1,338		15,123	14,702	421	66,466	66
3,965	1,907,689	579	133,065	293	52,420	601,449	28,403	22,301	535,715	15,030	5,945,912	5,765,899	180,013	9,852,340	67

wrought, 1; ironwork, architectural and ornamental, 2; jute and jute goods, 1; lime and cement, 1; mattresses and spring beds, 2; mirrors, 1; models and patterns, 1; oil, not elsewhere specified, 1; optical goods, 1; oysters, canning and preserving, 1; paints, 2; paper hangings, 1; patent medicines and compounds, 2; perfumery and cosmetics, 1; pickles, preserves, and sauces, 2; pipes, tobacco, 1; plumbers' supplies, 1; printing and publishing, music, 1; pumps, not including steam pumps, 1; sausage, 2; sewing machine repairing, 1; shipbuilding, iron and steel, 2; silk and silk goods, 2; slaughtering, wholesale, not including meat packing, 1; smelting and refining, not from the ore, 1; soap and candles, 1; stationery goods, not elsewhere specified, 1; steam packing, 1; surgical appliances, 1; wirework including wire rope and cable, 1; woodenware, not elsewhere specified, 1; woolen goods, 2.

TABLE 8.—MANUFACTURES IN CITIES

WILMINGTON.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	**All industries**	759	$28,372,043	$3,201,197	$4,382,350	$7,703,295	$13,085,201	760	1,051	$1,138,361	16,055	$7,439,210
2	Bicycle and tricycle repairing	10	16,271			3,045	13,226	7	1	1,200	11	3,761
3	Blacksmithing and wheelwrighting	29	44,587	14,800	8,650	7,650	13,487	30			37	18,204
4	Boots and shoes, custom work and repairing.	74	30,632	5,330	7,640	8,679	8,983	74			23	8,627
5	Bottling	8	74,220	7,000	16,500	28,658	22,062	8	7	3,424	41	18,966
6	Bread and other bakery products	45	263,703	63,250	91,800	42,032	66,621	45	11	5,728	180	92,922
7	Carpentering	41	250,857	18,600	63,650	18,050	150,557	47	2	1,000	199	122,939
8	Carriages and wagons	14	356,038	59,640	60,000	23,810	212,588	15	10	8,606	176	89,534
9	Cars and general shop construction and repairs by steam railroad companies.	8	748,169	256,475	236,325	97,182	158,187		15	19,204	865	521,227
10	Cars, steam railroad, not including operations of railroad companies.	8	2,429,007	239,828	364,493	848,170	1,476,516		73	83,528	2,032	1,041,088
11	Clothing, men's, custom work and repairing.	48	163,433	22,500	18,300	7,690	114,943	51	12	9,782	185	77,344
12	Clothing, women's, dressmaking	28	21,009	6,700	8,500	2,056	3,753	28			51	11,865
13	Confectionery	24	141,007	38,500	38,800	25,802	37,905	21	58	13,660	87	28,926
14	Druggists' preparations, not including prescriptions.	3	21,886	5,900	3,800	3,800	8,386	3	4	4,618	5	1,952
15	Dyeing and cleaning	5	21,965	10,600	5,000	1,825	4,540	9	1	800	5	2,218
16	Foundry and machine shop products	21	3,619,425	504,500	691,800	1,022,651	1,400,474	15	126	185,640	2,009	941,315
17	Furniture, cabinetmaking, repairing, and upholstering.	13	60,462	16,000	14,800	3,685	25,977	14	6	5,720	26	12,982
18	Hosiery and knit goods	4	271,011	7,000	21,803	150,285	91,923	1	13	11,170	470	105,728
19	Iron and steel	4	4,051,880	548,000	354,500	2,060,522	1,088,858		73	122,851	1,327	634,216
20	Leather, tanned, curried, and finished	19	5,167,304	166,669	501,796	570,748	3,928,091	26	156	166,139	2,454	1,044,303
21	Liquors, malt	4	1,121,838	95,500	349,569	192,116	484,653	2	18	25,301	83	56,041
22	Lock and gun smithing	4	9,030	400	600	5,000	3,030	4	2	988	8	1,404
23	Looking-glass and picture frames	7	39,642	7,000	7,500	1,652	23,490	8	4	1,040	8	3,211
24	Lumber, planing mill products, including sash, doors, and blinds.	4	125,020	21,000	13,300	20,950	69,770	5	4	3,420	20	13,171
25	Marble and stone work	4	44,381	4,000	5,878	7,045	27,958	2	6	4,036	139	57,604
26	Masonry, brick and stone	14	78,480	11,630	31,575	5,525	29,750	16	4	5,000	113	71,882
27	Millinery, custom work	27	56,953	6,000	9,000	2,043	39,910	30	12	3,615	65	14,904
28	Mineral and soda waters	5	26,460	10,350	6,400	7,550	2,160	5			8	2,759
29	Monuments and tombstones	4	62,725	26,500	5,875	1,550	28,800	4	2	1,260	33	24,028
30	Painting, house, sign, etc	18	53,472	3,300	6,700	5,910	37,562	26	3	1,408	89	57,307
31	Paper hanging	21	30,978	1,200	1,300	1,977	26,501	28	13	4,538	39	23,129
32	Paving and paving materials	3	12,260	200	460	2,500	9,100	5	1	208	56	19,970
33	Photography	6	29,500	3,000	5,000	10,300	11,200	6	1	1,300	18	8,109
34	Plastering and stuccowork	5	85,244	14,000	10,200	11,703	49,341	6	5	3,559	113	38,213
35	Plumbing, and gas and steam fitting	25	205,997	26,500	30,500	31,655	117,342	27	29	18,160	187	86,400
36	Printing and publishing, book and job	12	134,875	14,000	12,500	57,824	50,551	9	12	8,644	85	39,589
37	Printing and publishing, newspapers and periodicals.	11	197,268	18,750	21,950	110,203	46,365	4	37	25,572	162	69,554
38	Pulp goods	3	407,042	27,000	42,643	86,131	251,268		16	15,625	112	47,350
39	Roofing and roofing materials	9	77,785	22,450	21,050	5,410	28,875	12	5	2,340	38	19,362
40	Saddlery and harness	10	94,312	18,200	17,500	4,812	53,800	9	7	5,500	36	16,470
41	Ship and boat building, wooden	4	182,226	39,500	12,500	29,900	100,326	2	7	8,936	176	94,114
42	Slaughtering and meat packing, wholesale.	3	224,220	20,000	33,000	41,060	130,160	6	12	9,040	29	16,602
43	Tinsmithing, coppersmithing, and sheet-iron working.	28	97,417	11,200	18,100	16,602	51,515	32	5	2,722	91	44,947
44	Tobacco, cigars and cigarettes	22	74,429	2,700	3,375	8,457	59,897	23	1	624	102	38,929
45	Watch, clock, and jewelry repairing	22	30,150	3,800	4,100	10,600	11,650	23	3	502	22	14,774
46	All other industries[1]	88	7,117,473	801,725	1,204,118	2,598,480	2,513,150	72	274	341,953	4,045	1,781,320

[1] Embraces awnings, tents, and sails, 2; belting and hose, leather, 1; belting and hose, rubber, 1; bookbinding and blank book making, 2; boots and shoes, factory product, 1; boxes, fancy and paper, 1; brass castings and brass finishing, 1; brick and tile, 2; bridges, 2; brooms and brushes, 2; carpets, rag, 2; carriage and wagon materials, 2; cars and general shop construction and repairs by street railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; chemicals, 1; clothing, women's, factory product, 1; coffee and spice, roasting and grinding, 2; coffins, burial cases, and undertakers' goods, 1; cooperage, 1; cordials and sirups, 1; cotton goods, 2; cutlery and edge tools, 1; dentists' materials, 1; dyeing and finishing textiles, 2; electrical apparatus and supplies, 1; electroplating, 2; fertilizers, 2; fish, canning and preserving, 1; flouring and grist mill products, 1; food preparations, 1; fur hats, 1; furniture, factory product, 1;

NEWCASTLE.

1	Total, all industries	31	$1,449,395	$147,098	$279,297	$615,822	$407,178	27	26	$20,285	608	$243,724

BY SPECIFIED INDUSTRIES: 1900.

WILMINGTON.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
13,725	$6,892,440	1,835	$465,629	495	$81,141	$1,658,908	$148,719	$84,141	$1,323,269	$102,779	$19,451,815	$18,911,506	$540,309	$34,053,324	1
9	3,415	1	156	1	190	2,312	2,072	5	235	----------	5,155	4,906	249	18,876	2
37	18,204	----------	----------	----------	----------	3,265	2,754	299	212	----------	14,537	13,726	811	64,822	3
23	8,627	----------	----------	----------	----------	5,516	5,139	252	125	----------	22,093	21,572	521	66,508	4
37	18,238	----------	----------	4	728	5,860	2,246	1,487	2,127	----------	96,270	95,259	1,011	154,605	5
167	90,552	11	2,122	2	248	9,731	5,808	1,368	2,555	----------	247,670	240,376	7,294	452,843	6
199	122,939	----------	----------	----------	----------	79,053	2,250	1,010	3,378	72,415	293,288	292,588	700	694,735	7
173	88,836	2	598	1	100	16,767	5,340	1,962	9,465	----------	91,477	89,401	2,076	255,047	8
863	520,578	2	649	----------	----------	2,291	----------	1,668	623	----------	457,431	444,395	13,036	1,000,153	9
1,978	1,028,731	29	8,925	25	3,432	121,819	----------	7,100	114,719	----------	1,876,435	1,854,096	22,339	3,274,922	10
81	51,919	98	24,671	6	754	19,264	10,984	496	2,124	5,660	96,750	95,772	978	265,222	11
4	2,184	47	9,681	----------	----------	3,446	3,002	258	186	----------	8,457	7,985	472	35,300	12
50	21,438	36	7,106	1	382	8,391	4,530	751	3,110	----------	108,283	106,565	1,718	204,267	13
2	1,640	2	234	1	78	2,910	240	158	2,512	----------	5,382	5,060	322	23,239	14
5	2,218	----------	----------	----------	----------	1,170	132	186	852	----------	988	772	216	11,740	15
1,996	939,579	4	900	9	836	101,764	2,005	10,076	88,383	1,300	1,634,906	1,546,081	88,825	3,299,509	16
18	10,749	8	2,183	----------	----------	4,835	1,454	567	2,814	----------	27,515	27,242	273	70,036	17
69	21,740	320	71,016	81	12,972	31,531	1,625	609	28,997	300	194,057	190,178	3,879	383,196	18
1,327	634,216	----------	----------	----------	----------	131,659	----------	7,372	124,287	----------	1,526,152	1,398,165	127,987	2,934,993	19
1,781	860,494	583	165,865	90	17,944	225,977	13,449	14,126	198,402	----------	7,009,165	6,970,418	38,747	9,379,504	20
83	56,041	----------	----------	----------	----------	284,930	----------	3,419	281,511	----------	122,978	114,048	8,930	614,896	21
3	1,404	----------	----------	----------	----------	756	552	50	154	----------	1,687	1,579	108	8,566	22
6	3,016	----------	----------	2	195	1,512	692	234	586	----------	12,085	11,793	292	29,352	23
20	13,171	----------	----------	----------	----------	4,100	1,000	410	2,690	----------	41,070	40,019	1,051	71,378	24
139	57,604	----------	----------	----------	----------	16,111	6,695	204	9,212	----------	10,065	8,252	1,813	99,405	25
113	71,882	----------	----------	----------	----------	15,616	144	772	3,500	11,200	141,362	141,362	----------	293,883	26
----------	----------	64	14,848	1	56	9,764	8,077	242	1,445	----------	52,583	52,048	535	110,076	27
6	2,443	----------	----------	2	316	1,078	472	181	425	----------	5,340	5,230	110	18,848	28
33	24,028	----------	----------	----------	----------	1,117	152	364	601	----------	59,205	59,150	55	93,132	29
89	57,307	----------	----------	----------	----------	4,476	1,538	127	2,201	610	33,323	33,244	79	128,617	30
39	23,129	----------	----------	----------	----------	5,986	4,978	148	860	----------	21,098	20,849	249	79,373	31
56	19,970	----------	----------	----------	----------	1,266	1,036	140	90	----------	12,275	12,225	50	44,566	32
15	7,207	3	902	----------	----------	2,689	1,964	200	525	----------	9,030	8,791	239	33,462	33
113	38,213	----------	----------	----------	----------	24,135	668	424	23,043	----------	195,771	192,993	2,778	290,085	34
184	85,764	----------	----------	3	636	7,281	3,590	819	2,872	----------	233,301	231,955	1,346	422,608	35
59	32,050	23	7,205	3	334	7,475	3,676	506	3,243	50	27,905	26,065	1,840	106,245	36
125	63,252	22	5,166	15	1,136	14,515	2,478	579	11,458	----------	44,364	40,490	3,874	166,951	37
111	46,850	1	500	----------	----------	6,450	----------	971	5,479	----------	159,246	152,663	6,583	308,109	38
38	19,362	----------	----------	----------	----------	1,262	186	600	476	----------	20,263	20,024	239	59,320	39
34	16,210	----------	----------	2	260	3,786	2,062	376	1,348	----------	33,005	32,567	438	75,911	40
170	93,074	----------	----------	6	1,040	6,212	719	483	4,810	200	123,282	120,908	2,374	301,018	41
29	16,602	----------	----------	----------	----------	9,610	3,120	596	5,894	----------	352,835	350,918	1,917	415,144	42
91	44,947	----------	----------	----------	----------	6,494	4,140	547	1,807	----------	44,241	43,433	808	139,879	43
56	29,108	27	7,666	19	2,155	19,553	4,289	291	14,973	----------	37,062	36,483	579	117,747	44
20	14,462	----------	----------	2	312	4,411	3,073	155	1,183	----------	13,052	12,665	387	57,491	45
3,274	1,609,047	552	135,236	219	37,037	420,762	30,388	21,553	357,777	11,044	3,929,376	3,737,195	192,181	7,377,745	46

gas, illuminating and heating, 1; glass, 1; grease and tallow, 2; hairwork, 1; hand stamps, 1; hats and caps, not including fur hats and wool hats, 2; ice, manufactured, 2; ironwork, architectural and ornamental, 1; jute and jute goods, 1; kaolin and other earth grinding, 1; lime and cement, 1; mattresses and spring beds, 2; mirrors, 1; models and patterns, 1; oil, not elsewhere specified, 1; optical goods, 1; paints, 2; paper and wood pulp, 1; patent medicines and compounds, 2; perfumery and cosmetics, 1; pickles, preserves, and sauces, 2; plumbers' supplies, 1; printing and publishing, music, 1; sausage, 1; sewing machine repairing, 1; shipbuilding, iron and steel, 2; shirts, 2; silk and silk goods, 1; slaughtering, wholesale, not including meat packing, 1; smelting and refining, not from the ore, 1; soap and candles, 1; stationery goods, not elsewhere specified, 1; steam packing, 1; surgical appliances, 1; wirework, including wire rope and cable, 1.

NEWCASTLE.

480	$194,040	71	$30,834	57	$18,850	$50,201	$1,474	$3,860	$44,867	----------	$1,450,022	$1,418,300	$31,722	$1,838,288	1

DISTRICT OF COLUMBIA.

Table 1 shows the manufacturing and mechanical industries of the District of Columbia as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments in comparison with the total population of the District, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	[1] 1900	[1] 1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	2,754	2,295	971	952	429	403	20.0	136.4	2.0	121.9	6.5
Capital	$41,981,245	$28,865,089	$5,552,526	$5,021,925	$2,905,865	$1,001,575	45.4	419.9	10.6	72.8	190.1
Salaried officials, clerks, etc., number	2,083	[2] 2,998	(3)	(3)	(3)	(3)	[4] 30.5	-------	-------	-------	-------
Salaries	$1,833,437	[2] $2,358,122	(3)	(3)	(3)	(3)	[4] 22.3	-------	-------	-------	-------
Wage-earners, average number	24,693	20,406	7,146	4,685	3,148	2,570	21.0	185.6	52.5	48.8	22.5
Total wages	$14,643,714	$12,264,142	$3,924,612	$2,007,600	$1,139,154	$757,584	19.4	212.5	95.5	76.2	50.4
Men, 16 years and over	20,415	17,114	5,496	4,333	2,653	2,034	19.3	211.4	26.8	63.3	30.4
Wages	$12,449,136	$10,724,792	(3)	(3)	(3)	(3)	16.1	-------	-------	-------	-------
Women, 16 years and over	4,162	3,159	1,389	216	495	536	31.8	127.4	543.1	[4] 56.4	[4] 7.6
Wages	$2,176,195	$1,516,240	(3)	(3)	(3)	(3)	43.5	-------	-------	-------	-------
Children, under 16 years	116	133	261	136	(3)	(3)	[4] 12.8	[4] 49.0	91.9	-------	-------
Wages	$18,383	$23,110	(3)	(3)	(3)	(3)	[4] 20.5	-------	-------	-------	-------
Miscellaneous expenses	$4,433,652	$1,589,869	(5)	(5)	(5)	(5)	178.9	-------	-------	-------	-------
Cost of materials used	$19,369,571	$17,194,666	$5,365,400	$4,754,883	$2,884,185	$1,405,871	12.6	220.5	12.8	64.9	105.2
Value of products, including custom work and repairing	$47,667,622	$39,331,437	$11,882,316	$9,292,173	$5,412,102	$2,690,258	21.2	231.0	27.9	71.7	101.2
Total population	278,718	230,392	177,624	131,700	75,080	51,687	21.0	29.7	34.9	75.4	45.3
Wage-earners engaged in manufactures	24,693	20,406	7,146	4,685	3,148	2,570	21.0	185.6	52.5	48.8	22.5
Per cent of total population	8.9	8.9	4.0	3.6	4.2	5.0	-------	-------	-------	-------	-------
Assessed value of real estate	[6] $176,567,549	$141,609,891	$87,980,356	$71,437,468	$33,097,542	$14,409,413	24.7	61.0	23.2	115.8	129.7
Value of land and buildings invested in manufactures [7]	$14,931,307	$10,835,034	(3)	(3)	(3)	(3)	37.8	-------	-------	-------	-------
Per cent of assessed value	8.5	7.7	-------	-------	-------	-------	-------	-------	-------	-------	-------

[1] Includes governmental establishments.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 3.)
[3] Not reported separately.
[4] Decrease.
[5] Not reported.
[6] As given for the year 1900 in the Report of the Assessor of the District of Columbia, page 11.
[7] Does not include value of rented property.

Although Washington is not a manufacturing city in the general significance of the term, Table 1 shows that there has been a remarkable growth in the manufacturing and mechanical industries during the half century. The population during these years increased from 51,687 to 278,718, while the average number of wage-earners employed in manufacturing establishments increased from 2,570 to 24,693, embracing, in 1900, 8.9 per cent of the entire population compared with 5 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 32,955, or 11.8 per cent of the total population of the District.. The greatest increase in the value of products, $27,449,121, is shown for the decade ending with the year 1890. Some of the percentages of increase for this decade are abnormal, due largely to the much closer canvass at the census of 1890 than at prior censuses.

The reports for the census of 1890 include the returns from all governmental establishments in the District, embracing the several executive departments, the United States Navy Yard, the Government Printing Office, the Bureau of Engraving and Printing, etc. They also include the returns of educational, penal, and eleemosynary institutions in which mechanical industries are carried on. It is impossible to separate these governmental and public establishments for the census of 1890 and, therefore, for purpose of comparison in Table 1 the governmental establishments are included in the figures for 1900. In all other tables for 1900, where governmental establishments are reported, they are separately shown.

Nearly all the industries reported in 1900 were of the kind which may be described as neighborhood industries, i. e., industries embracing establishments chiefly engaged in the production or repairing of articles for local consumption, including the so-called hand trades; all these are not manufactures in a large sense, but rather the "mechanical industries" contemplated by the census act.

Table 2 divides the industries of the District between the hand trades, the manufactures proper, governmental establishments, and educational, eleemosynary, and penal institutions. This table also gives the statistics of establishments with a product of less than $500, which were not reported at previous censuses, and therefore, are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	3,173	$42,081,065	3,445	24,842	$14,692,806	$4,452,791	$19,451,085	$3,854,074	$14,955,132	$641,879	$47,902,109
Hand trades[1]	1,683	3,592,847	1,902	7,583	4,090,989	1,810,044	6,804,537	71,684	6,627,249	105,604	16,030,759
Governmental establishments	85	17,652,110	--------	8,396	6,357,377	279,833	2,731,104	17,711	2,639,757	73,636	9,887,355
Educational, eleemosynary, and penal institutions	40	41,357	17	107	42,089	3,409	50,877	2,849	47,585	443	133,176
Establishments with a product of less than $500	379	58,463	404	42	7,003	15,730	30,637	2,618	28,019	----------	101,311
All other establishments	986	20,736,288	1,122	8,714	4,195,348	2,343,775	9,833,930	3,759,212	5,612,522	462,196	21,749,508

[1] Includes bicycle and tricycle repairing, 78; blacksmithing and wheelwrighting, 156; boots and shoes, custom work and repairing, 203; carpentering, 196; clothing, men's, custom work and repairing, 172; clothing, women's, dressmaking, 125; dyeing and cleaning, 35; furniture, cabinetmaking, repairing, and upholstering, 97; lock and gun smithing, 29; masonry, brick and stone, 71; millinery, custom work, 73; painting, house, sign, etc., 132; paper hanging, 55; plastering and stuccowork, 14; plumbing, and gas and steam fitting, 136; sewing machine repairing, 8; taxidermy, 3; typewriter repairing, 4; watch, clock, and jewelry repairing, 96.

Of the 3,173 establishments of all classes shown in this table, 2,062, or 65 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $16,132,070, or 33.7 per cent of the total products of the District. This table also shows that 20.6 per cent of the total value of the manufacturing and mechanical industries of the District of Columbia was the product of governmental establishments and institutions.

In addition to the 3,173 active establishments in the District during the census year, with a capital of $42,081,065, shown in Table 2, there were 3 idle establishments with a capital of $360,000. One of these establishments was a paper mill, one a brick yard, and one an opaque glass-blowing works.

Table 3 shows the totals for the District of Columbia by specified industries; Table 4 shows the statistics for governmental establishments by specified industries.

TABLE 3.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	2,669	$24,329,135	$3,310,548	$4,177,354	$8,044,805	$8,796,428	3,024	1,668	$1,314,396	16,297	$8,286,337
2	Awnings, tents, and sails	6	23,275	9,000	2,500	2,125	9,650	8	1	1,040	26	10,182
3	Baskets, and rattan and willow ware	3	4,166	2,000	1,500	10	656	3				
4	Bicycle and tricycle repairing	78	55,115			22,290	32,825	91	9	2,850	132	42,749
5	Blacksmithing and wheelwrighting	156	231,678	74,150	47,585	33,412	76,531	186	13	8,444	327	165,029
6	Bookbinding and blank book making	7	28,513			20,100	8,413	8			41	18,001
7	Boots and shoes, custom work and repairing.	203	49,276	6,550	4,930	18,859	18,937	209			114	42,931
8	Bottling	16	198,895	46,200	56,750	21,742	74,203	12	30	26,125	145	69,807
9	Boxes, fancy and paper	3	17,300	500	200	12,500	4,100	5	1	750	42	10,560
10	Bread and other bakery products	106	1,013,348	242,935	394,110	179,360	196,943	120	147	110,632	617	314,959
11	Brick and tile	11	715,840	469,280	92,650	88,270	65,640	12	17	16,304	437	166,483
12	Brooms and brushes	4	14,425	2,500	4,000	2,675	5,250	5	1	468	16	4,992
13	Carpentering	196	477,619	53,693	46,705	56,980	320,241	213	32	24,754	1,489	921,763
14	Carriages and wagons	21	141,306	49,800	48,800	11,625	31,081	27	2	1,212	154	71,382
15	China decorating	5	22,270			5,230	17,040	5	2	310	9	4,220
16	Clothing, men's, custom work and repairing.	172	543,996	18,370	12,250	31,761	481,615	195	39	30,114	752	401,786
17	Clothing, women's, dressmaking	125	96,649	2,800	4,100	18,513	71,236	137	12	4,445	446	131,220
18	Coffee and spice, roasting and grinding.	5	172,382	12,000	32,000	41,300	87,082	7	16	12,372	24	12,250
19	Confectionery	48	271,990	47,900	79,250	76,550	68,290	61	56	26,397	252	86,190
20	Cooperage	5	21,160	7,680	3,000	430	10,050	6	3	1,342	34	11,611
21	Corsets	3	3,400	300	100	250	2,750	3			7	1,956
22	Druggists' preparations, not including prescriptions.	14	18,405	2,000	1,000	2,100	13,305	17			14	3,734
23	Dyeing and cleaning	35	104,767	28,000	29,500	33,208	14,059	38	10	2,848	103	40,977
24	Electrical construction and repairs	21	95,405			12,675	82,730	27	21	18,684	124	80,684
25	Electroplating	3	10,100			4,400	5,700	5			16	5,194
26	Engraving and diesinking	7	3,075			1,900	1,175	6	1	200	8	5,652
27	Engraving, steel, including plate printing.	5	8,000			5,700	2,300	5			27	12,812
28	Fertilizers	6	95,085	22,000	11,000	18,585	43,500	8	7	1,733	22	9,051
29	Flouring and grist mill products	9	198,065	30,700	37,300	58,375	71,690	15	18	13,450	84	30,848
30	Food preparations	5	33,032	2,000	2,500	7,828	20,704	5	5	2,964	30	13,540
31	Foundry and machine shop products	16	1,431,754	105,000	29,500	127,508	1,169,746	19	24	30,835	307	175,214
32	Fur goods	6	33,150			1,550	31,600	6	2	924	32	23,048
33	Furniture, cabinetmaking, repairing, and upholstering.	97	302,481	49,500	54,500	29,021	169,460	108	18	12,899	266	146,424
34	Gas, illuminating and heating	3	4,865,623	270,724	686,900	3,414,767	493,232		49	105,908	382	202,796
35	Hairwork	8	3,628	400	100	460	2,668	8			4	1,400
36	Hand stamps	3	24,000			6,400	17,600	5	1	520	17	8,524
37	Ice, manufactured	4	629,992	65,000	180,000	355,024	29,968	2	16	14,310	83	40,603
38	Instruments, professional and scientific	5	35,420	2,000	4,000	9,920	19,500	5	2	100	20	14,880
39	Ironwork, architectural and ornamental.	10	269,750	90,000	37,000	38,300	104,450	13	8	7,778	120	57,340
40	Kindling wood	9	8,989		2,000	4,594	2,395	13			32	9,128
41	Lime and cement	6	119,070	31,000	18,500	44,443	25,127	5	7	4,404	87	28,629
42	Liquors, malt	4	2,298,704	261,040	955,848	520,323	561,493	2	35	56,104	191	140,690
43	Lithographing and engraving	3	93,100	500	1,000	76,000	15,600	3	3	3,000	41	19,440
44	Lock and gun smithing	29	20,082	6,300	3,200	6,142	4,440	30			9	4,921
45	Looking-glass and picture frames	16	51,125	1,200	500	5,625	43,800	20	14	8,564	52	29,142
46	Lumber, planing mill products, including sash, doors, and blinds.	10	252,397	44,159	13,500	34,338	160,400	11	20	16,095	235	109,558
47	Marble and stone work	22	292,135	124,000	15,700	45,085	107,350	34	3	3,200	217	126,062
48	Masonry, brick and stone	71	624,238	7,500	10,700	78,144	527,894	85	77	77,168	1,675	961,215
49	Mattresses and spring beds	8	95,750	21,000	32,300	11,225	31,225	10	9	6,800	82	37,806
50	Millinery, custom work	73	178,800	2,500	2,000	3,805	170,495	96	121	42,182	345	109,707
51	Mineral and soda waters	11	73,335	9,600	6,380	48,005	9,350	12	14	10,548	68	19,412
52	Models and patterns	8	30,000	6,000	3,000	14,350	6,650	8			31	24,708
53	Monuments and tombstones	10	151,360	5,000	1,000	7,910	137,450	12	8	6,480	84	35,713
54	Painting, house, sign, etc	132	137,074	13,140	11,060	25,351	87,523	156	18	10,434	589	345,762
55	Paper hanging	55	211,180	16,500	9,005	9,450	176,225	63	29	20,103	309	174,215
56	Patent medicines and compounds	16	314,755	15,000	33,000	18,805	247,950	17	108	32,826	63	16,177
57	Paving and paving materials	17	1,061,974	177,901	155,944	235,403	492,726	18	40	45,865	961	393,000
58	Perfumery and cosmetics	4	2,995			515	2,480	6			4	440
59	Photography	46	223,550	10,500	10,850	140,495	61,705	53	20	11,728	151	58,638
60	Photolithographing and photoengraving.	3	202,272			110,736	91,536	4	17	13,760	97	62,616
61	Plastering and stuccowork	14	83,360	20,300	12,300	2,335	48,425	15	9	1,304	99	52,186
62	Plumbing, and gas and steam fitting	136	343,519	10,750	12,800	51,624	268,375	159	59	38,376	772	460,669
63	Pottery, terra cotta, and fire-clay products.	6	256,200	55,000	84,500	43,500	73,200	8	5	6,300	109	37,594
64	Printing and publishing, book and job	72	794,400	92,200	66,800	455,022	180,378	88	36	30,620	684	340,495
65	Printing and publishing, newspapers and periodicals.	60	2,233,897	290,300	576,812	843,029	523,756	51	301	289,566	600	393,220
66	Roofing and roofing materials	14	23,355	2,700	1,800	3,935	14,920	14	2	1,770	59	42,952

SPECIFIED INDUSTRIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
14,332	$7,777,417	1,849	$490,537	116	$18,383	$4,153,819	$635,922	$99,713	$1,749,233	$1,668,951	$16,638,467	$16,299,974	$338,493	$37,780,267	1
15	7,074	11	3,108			1,903	1,056	161	686		14,212	13,998	214	47,200	2
						188	72	22	94		427	405	22	2,490	3
126	41,877			6	872	18,520	14,414		2,946	1,160	107,845	106,421	1,424	240,706	4
324	164,656			3	378	26,265	20,240	1,519	3,426	1,080	131,273	126,530	4,743	508,567	5
33	16,090	8	1,911			4,080	1,846		974	1,260	14,366	13,877	489	48,582	6
110	42,267			4	664	24,055	22,049	83	1,160	763	79,344	77,678	1,666	244,420	7
143	69,207	2	600			56,629	3,120	1,757	51,752		298,878	296,683	2,195	529,770	8
7	3,180	35	7,380			1,365	1,200	10	155		11,320	10,875	445	31,000	9
573	306,145	33	6,214	11	2,600	88,302	18,934	4,774	64,594		1,144,363	1,111,837	32,526	2,038,176	10
437	166,483					34,926	400	4,312	29,714	500	62,569	15,572	46,997	364,142	11
14	4,680			2	312	613	366	57	190		27,681	27,532	149	39,576	12
1,488	921,613			1	150	970,481	17,321	1,031	17,034	935,095	1,414,122	1,412,947	1,175	3,853,400	13
153	71,128			1	254	8,502	5,255	553	2,159	535	57,023	55,706	1,317	191,545	14
4	2,600	5	1,620			3,105	2,600		505		6,710	6,672	38	24,712	15
565	337,504	185	63,997	2	285	124,747	64,362	603	32,811	26,971	520,403	516,815	3,588	1,400,798	16
44	34,295	401	96,821	1	104	33,188	26,066	118	4,454	2,550	195,294	193,553	1,741	485,940	17
18	11,800	1	150	5	300	3,583	1,825	508	1,250		248,599	246,714	1,885	304,328	18
169	71,464	81	14,546	2	180	34,209	20,154	1,161	12,894		330,817	325,413	5,404	682,525	19
34	11,611					5,019	2,340	79	2,530	70	22,084	22,084		50,350	20
		7	1,956			880	720	5	155		5,288	5,288		10,684	21
11	3,175	3	559			8,509	1,277	110	6,922	200	14,753	14,601	152	55,392	22
77	31,649	26	9,328			19,137	9,821	376	6,379	2,561	15,638	12,320	3,318	125,258	23
123	80,534	1	150			34,780	8,184		20,296	6,300	210,432	209,399	1,033	491,773	24
16	5,194					956	816		125	15	4,153	3,574	579	14,400	25
8	5,652					3,051	1,068		183	1,800	410	376	34	17,010	26
18	10,529	7	1,958	2	325	1,980	1,404		576		2,585	2,489	96	25,733	27
22	9,051					2,617	1,210	100	1,307		50,273	49,063	1,210	78,930	28
84	30,848					18,167	5,155	676	12,336		537,690	528,629	9,061	632,754	29
23	12,200	2	300	5	1,040	26,661	920	79	25,662		131,331	131,024	307	191,483	30
307	175,214					147,864	8,766	583	29,396	109,119	257,738	251,085	6,653	751,458	31
13	14,800	19	8,248			4,811	2,654		1,357	800	35,814	35,640	174	83,200	32
250	141,817	13	4,066	3	541	29,949	17,863	793	7,814	3,479	136,655	134,188	2,467	446,993	33
382	202,796					66,637	300	44,888	21,449		363,939	350,927	13,012	1,220,391	34
		4	1,400			1,565	1,384	3	130	48	2,431	2,275	156	10,234	35
16	8,264	1	260			2,601	1,936		665		9,233	8,940	293	59,400	36
83	40,603					36,979	8,900	7,240	20,839		61,267	24,863	36,404	182,575	37
20	14,880					3,682	840	60	2,112	670	6,001	5,749	252	45,350	38
120	57,340					35,006	1,676	875	5,455	27,000	236,887	233,272	3,615	395,326	39
32	9,128					2,471	1,228		1,243		14,493	14,101	392	33,708	40
87	28,629					6,705	820	236	5,649		30,610	19,159	11,451	91,376	41
191	140,690					650,902	2,400	7,933	640,569		286,653	260,619	26,034	1,340,041	42
41	19,440					5,670	2,600	265	2,805		20,562	18,920	1,642	73,849	43
9	4,921					3,141	2,679	109	353		8,697	8,287	410	37,096	44
52	29,142					13,113	6,336	28	6,749		47,401	46,659	742	141,801	45
233	109,242			2	316	106,014	30,073	1,321	14,600	60,020	204,979	203,195	1,784	498,744	46
217	126,062					20,850	3,398	1,659	14,453	1,340	138,845	137,554	1,291	362,623	47
1,675	961,215					340,087	10,639	165	21,288	307,995	2,341,442	2,340,081	1,361	4,259,229	48
70	33,306	12	4,500			9,622	3,630	480	5,512		85,642	84,634	1,008	171,382	49
9	2,604	333	106,768	3	335	66,829	48,471	663	10,695	7,000	446,264	443,437	2,827	891,287	50
63	18,612	5	800			11,699	3,086	233	8,380		40,647	39,460	1,187	108,310	51
31	24,708					1,538	1,116	120	302		5,444	4,880	564	44,720	52
83	35,353	1	360			5,147	3,202	185	1,760		108,410	108,220	190	188,937	53
585	345,368			4	394	24,600	14,230	213	6,914	3,243	170,175	169,537	638	750,656	54
309	174,215					23,955	15,892	302	5,841	1,920	164,614	163,998	616	500,004	55
18	6,968	45	9,209			45,723	3,079	466	42,088	90	45,779	45,032	747	272,570	56
961	393,000					89,286	2,507	2,205	54,574	30,000	797,302	779,980	17,322	1,482,974	57
1	100	3	340			859	276		583		777	718	59	4,300	58
117	48,390	31	9,868	3	380	29,797	19,914	82	9,796	5	92,877	91,683	1,194	336,764	59
97	62,616					11,541	3,200	163	8,178		71,681	69,514	2,167	281,087	60
98	52,030			1	156	9,589	1,134	51	1,754	6,650	44,977	44,774	203	142,376	61
770	460,305			2	364	64,465	26,510	455	20,285	17,215	965,450	960,043	5,407	1,863,142	62
109	37,594					8,406	125	636	7,645		28,385	2,354	26,031	117,003	63
553	297,914	121	40,491	10	2,090	69,867	22,962	1,474	18,436	26,995	195,469	187,060	8,409	815,101	64
477	363,083	105	27,229	18	2,908	411,596	23,526	3,751	317,552	66,767	288,491	276,834	11,657	1,846,535	65
59	42,952					2,772	1,666	41	1,065		72,128	72,031	97	152,270	66

TABLE 3.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
67	Saddlery and harness	39	$36,950			$4,270	$32,680	48	3	$1,524	61	$33,569
68	Sewing machine repairing	8	3,480			1,555	1,925	5			14	5,310
69	Ship and boat building, wooden	3	14,465	$11,500	$1,400	515	1,050	5			17	11,480
70	Shirts	5	8,868			2,217	6,651	5	1	1,200	27	7,676
71	Slaughtering and meat packing, wholesale.	6	205,800	49,000	38,000	37,800	81,000	7	31	15,720	91	43,207
72	Taxidermy	3	4,650			350	4,300	3			6	2,167
73	Tinsmithing, coppersmithing, and sheet-iron working.	105	275,075	46,476	35,250	56,255	137,094	119	24	20,148	443	250,040
74	Tobacco, cigars and cigarettes	42	50,618	6,100	5,875	2,885	35,758	43			63	29,236
75	Typewriter repairing	4	6,425	1,000	2,000	1,025	2,400	3			5	3,032
76	Watch, clock, and jewelry repairing	96	118,428	10,800	9,000	46,265	52,363	110	4	1,224	131	78,926
77	Window shades	5	16,190	4,000	8,000	390	3,800	9	2	1,700	9	4,950
78	Wirework, including wire rope and cable.	4	7,260			6,700	560	3	1	900	6	2,100
79	Wood, turned and carved	8	27,245			13,345	13,900	11			41	24,760
80	All other industries[1]	56	1,111,700	244,600	133,600	259,341	474,159	55	84	54,071	1,014	394,997

[1] Embraces artificial feathers and flowers, 1; artificial limbs, 2; billiard tables and materials, 1; boot and shoe uppers, 1; boxes, cigar, 1; brass castings and brass finishing, 1; carpets, rag, 2; cars and general shop construction and repairs by steam railroad companies, 2; cars and general shop construction and repairs by street railroad companies, 1; chemicals, 1; dentists' materials, 1; engravers' materials, 1; fancy articles, not elsewhere specified, 1; fish, canning and preserving, 1; flags and banners, 1; flavoring extracts, 1; gas machines and meters, 2; glass, cutting, staining, and ornamenting, 2; glue, 1; grease and tallow, 2;

TABLE 4.—MANUFACTURES IN GOVERNMENTAL

1	All industries	85	$17,652,110	$2,577,410	$4,865,995	$7,693,974	$2,514,731		415	$519,041	8,396	$6,357,377
2	Ammunition	1	9,000	2,000	4,000	1,000	2,000		2	2,200		
3	Blacksmithing and wheelwrighting	4	1,400	850	150	225	175				5	3,082
4	Bookbinding and blank book making	2	3,300			3,000	300		1	1,560	7	7,777
5	Boxes, wooden packing	1	8,000	1,000	2,000	3,000	2,000				3	2,400
6	Carpentering	18	354,636	201,400	74,150	9,155	69,931		9	7,606	106	67,690
7	Clothing, men's, custom work and repairing.	1	50			50					1	264
8	Coffins, burial cases, and undertakers' goods.	1	550			300	250				1	500
9	Engraving, steel, including plate printing.	5	1,572,100	125,000	530,000	353,000	564,100		110	143,638	2,116	1,707,345
10	Foundry and machine shop products	6	7,025			5,300	1,725		1	1,020	13	12,705
11	Furniture, cabinetmaking, repairing, and upholstering.	8	9,910			5,525	4,385		4	4,400	22	24,008
12	Leather goods	1	20,949			10,970	9,979		5	5,600	212	104,551
13	Lock and gun smithing	3	37,901			35,550	2,351		2	3,000	55	38,200
14	Masonry, brick and stone	3	3,733,454	1,650,160	2,000,195	83,049	50		23	23,484	705	317,548
15	Models and patterns	2	163,050		105,000	58,025	25		4	4,931	89	32,430
16	Ordnance and ordnance stores	1	9,350,245	250,000	1,750,000	6,000,000	1,350,245		123	138,000	1,586	1,090,533
17	Painting, house, sign, etc	8	3,392			1,450	1,942		2	1,145	20	16,437
18	Photography	8	27,399	2,000	500	17,600	7,299		1	1,800	22	22,918
19	Plumbing, and gas and steam fitting	6	4,600			2,950	1,650				11	8,734
20	Printing and publishing, book and job	4	2,344,646	345,000	400,000	1,103,500	496,146		128	180,657	3,417	2,896,235
21	Taxidermy	1	350			250	100				4	3,000
22	Tinsmithing, coppersmithing, and sheet-iron working.	1	153			75	78				1	1,020

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
60	$33,491			1	$78	$10,818	$7,854	$15	$1,949	$1,000	$48,200	$47,749	$451	$146,918	67
14	5,310					1,651	1,472		179		2,954	2,849	105	13,730	68
17	11,480					154		29	125		6,989	6,989		24,980	69
2	1,560	24	$6,012	1	104	1,546	1,140		256	150	6,904	6,844	60	24,356	70
89	42,531	2	676			14,735	2,000	750	10,185	1,800	980,795	973,102	7,693	1,131,312	71
5	2,117	1	50			1,557	778		619	160	2,467	2,455	12	8,139	72
439	249,502	1	200	3	338	27,585	15,318	895	10,037	1,335	302,711	299,223	3,488	778,267	73
58	28,618	2	488	3	130	17,907	3,810	121	13,916	60	47,214	47,001	213	124,532	74
5	3,032					792	492	50	250		1,292	1,277	15	6,641	75
127	78,048	1	520	3	358	27,036	18,005	199	3,982	4,850	55,631	53,541	2,090	252,377	76
8	4,550	1	400			945	380	145	420		14,960	14,805	155	32,780	77
5	2,000			1	100	828	828				1,749	1,655	94	9,250	78
41	24,760					4,132	2,610		1,522		20,267	19,882	385	72,604	79
685	334,611	316	58,054	13	2,332	122,377	28,022	1,737	84,238	8,380	1,658,292	1,644,824	13,468	2,419,925	80

hats and caps, not including fur hats and wool hats, 2; house furnishing goods, not elsewhere specified, 1; jewelry, 2; leather goods, 1; millinery and lace goods, 1; musical instruments, organs and materials, 1; oleomargarine, 2; paints, 1; paper goods, not elsewhere specified, 2; printing materials, 1; regalia and society banners and emblems, 2; slaughtering, wholesale, not including meat packing, 1; soap and candles, 1; sporting goods, 1; stamped ware, 1; stationery goods, not elsewhere specified, 1; surgical appliances, 2; toys and games, 2; typewriters and supplies, 1; umbrellas and canes, 2; vinegar and cider, 2.

ESTABLISHMENTS BY SPECIFIED INDUSTRIES: 1900.

6,083	$4,671,719	2,313	$1,685,658			$279,833	$42,742		$173,524	$63,567	$2,731,104	$2,659,497	$71,607	$9,887,355	1
						3,500				3,500	1,020	1,020		6,720	2
5	3,082										834	787	47	3,916	3
6	6,995	1	782								767	722	45	10,104	4
3	2,400										2,455	2,440	15	4,855	5
106	67,690					19,229	1,740		50	17,439	44,003	43,688	315	138,528	6
1	264										6	6		270	7
1	500										599	599		1,099	8
1,023	1,183,360	1,093	523,985			56,949	8,220		26,215	22,514	365,927	352,202	13,725	2,273,859	9
13	12,705					5,364				5,364	5,369	5,270	99	24,458	10
22	24,008					400			400		10,838	10,614	224	39,646	11
122	71,547	90	33,004			8,002	5,096		2,906		17,383	15,888	1,495	135,536	12
55	38,200					14,000				14,000	6,441	6,441		61,641	13
705	317,548										195,974	178,838	17,136	537,006	14
89	32,430					530	530				28,874	27,493	1,381	66,765	15
1,530	1,078,450	56	12,083			126,266			126,266		853,360	825,222	28,138	2,208,159	16
20	16,437					870	120			750	8,696	8,626	70	27,148	17
21	22,198	1	720			1,010	950		60		10,131	10,006	125	35,859	18
11	8,734										5,231	5,181	50	13,965	19
2,345	1,781,151	1,072	1,115,084			43,713	26,086		17,627		1,172,199	1,163,457	8,742	4,292,804	20
4	3,000										251	251		3,251	21
1	1,020										746	746		1,766	22

FLORIDA.

Table 1 shows the manufacturing and mechanical industries of the state of Florida as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	2,056	805	426	659	185	103	155.4	89.0	[1] 35.4	256.2	79.6
Capital	$33,107,477	$11,110,304	$3,210,680	$1,679,930	$1,874,125	$547,060	198.0	246.0	91.1	[1] 10.4	242.6
Salaried officials, clerks, etc., number	1,778	[2] 808	(3)	(3)	(3)	(3)	120.0	-------	-------	-------	-------
Salaries	$1,295,139	[2] $594,454	(3)	(3)	(3)	(3)	117.9	-------	-------	-------	-------
Wage-earners, average number	34,230	13,119	5,504	2,749	2,454	991	160.9	138.4	100.2	12.0	147.6
Total wages	$10,683,038	$5,918,614	$1,270,875	$989,592	$619,840	$199,452	80.5	365.7	28.4	59.7	210.8
Men, 16 years and over	32,188	11,539	4,564	2,670	2,297	876	178.9	152.8	70.9	16.2	162.2
Wages	$10,181,990	$5,462,984	(3)	(3)	(3)	(3)	86.4	-------	-------	-------	-------
Women, 16 years and over	1,668	1,312	558	20	157	115	27.1	135.1	2,690.0	[1] 87.3	36.5
Wages	$455,906	$424,555	(3)	(3)	(3)	(3)	7.4	-------	-------	-------	-------
Children, under 16 years	374	268	382	59	-------	-------	39.6	[1] 29.8	547.5	-------	-------
Wages	$45,142	$31,075	(3)	(3)	-------	-------	45.3	-------	-------	-------	-------
Miscellaneous expenses	$2,363,626	$1,131,067	(4)	(4)	(4)	(4)	109.0	-------	-------	-------	-------
Cost of materials used	$15,637,520	$8,021,854	$3,040,119	$2,330,873	$874,506	$220,611	94.9	163.9	30.4	166.5	296.4
Value of products, including custom work and repairing	$36,810,243	$18,222,890	$5,546,448	$4,685,403	$2,447,969	$668,335	102.0	228.6	18.4	91.4	266.3
Total population	528,542	391,422	269,493	187,748	140,424	87,445	35.0	45.2	43.5	33.7	60.6
Wage-earners engaged in manufactures	34,230	13,119	5,504	2,749	2,454	991	160.9	138.4	100.2	12.0	147.6
Per cent of total population	6.5	3.4	2.0	1.5	1.7	1.1	-------	-------	-------	-------	-------
Assessed value of real estate	[5] $79,688,902	$60,596,574	$18,885,151	$20,197,691	$21,722,810	$7,924,588	31.5	220.9	[1] 6.5	[1] 7.0	174.1
Value of land and buildings invested in manufactures	[6] $13,687,841	$3,514,648	(7)	(7)	(7)	(7)	289.5	-------	-------	-------	-------
Per cent of assessed value	17.2	5.8	-------	-------	-------	-------	-------	-------	-------	-------	-------

[1] Decrease.
[2] Includes proprietors and firm members with their salaries; number only reported in 1900. (See Table 6.)
[3] Not reported separately.
[4] Not reported.
[5] As given for the year 1900, in the Annual Report of the Comptroller of the State of Florida.
[6] Does not include the value of rented property.
[7] Figures not accessible.

Although the most important industries of Florida are those directly dependent upon the agricultural and mineral resources of the state, manufacturing and the mechanical industries have had a steady and significant growth during the last half century. The average number of wage-earners employed in the establishments engaged in these industries constituted 6.5 per cent of the population of the state in 1900 as compared with 1.1 per cent in 1850. The apparent decrease in the number of establishments reported between 1870 and 1880 is due partly to the inclusion in 1870 of sugar and molasses manufactured on the plantation—a branch of the sugar manufacture excluded in 1880—and partly to the imperfect enumeration of the hand trades in 1870 and 1880. During the last decade the total value of the manufactures of the state more than doubled, while the number of wage-earners employed increased 160.9 per cent.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for educational institutions and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables, and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	2,673	$33,313,171	3,108	34,724	$10,695,260	$2,376,535	$15,687,209	$6,221,858	$9,027,784	$437,567	$36,946,496
Hand trades[1]	443	656,949	497	992	433,456	75,296	859,362	4,494	826,912	27,956	1,809,525
Educational institutions	2	575	-------	-------	-------	-------	404	-------	356	48	795
Establishments with a product of less than $500	615	205,119	632	494	12,222	12,909	49,285	-------	49,075	210	135,458
All other establishments	1,613	32,450,528	1,979	33,238	10,249,582	2,288,330	14,778,158	6,217,364	8,151,441	409,353	35,000,718

[1] Includes bicycle and tricycle repairing, 54; blacksmithing and wheelwrighting, 95; boots and shoes, custom work and repairing, 43; carpentering, 38; clothing, men's, custom work and repairing, 49; clothing, women's, dressmaking, 15; dyeing and cleaning, 4; furniture, cabinetmaking, repairing, and upholstering, 10; lock and gun smithing, 4; masonry, brick and stone, 8; millinery, custom work, 41; painting, house, sign, etc., 7; plumbing, and gas and steam fitting, 26; sewing machine repairing, 2; taxidermy, 1; watch, clock, and jewelry repairing, 46.

Of the 2,673 establishments of all classes shown in this table, 1,058, or 39.6 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $1,944,983, or 5.3 per cent of the total products of the state.

In addition to the 2,673 active establishments in the state during the census year, with a capital of $33,313,171, shown in Table 2, there were 29 idle establishments, with a capital of $524,379, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Fertilizers	1	$100,000	Patent medicines and compounds	1	$8,300
Lumber and timber products	12	269,330	Starch	1	85,000
Lumber, planing mill products, including sash, doors, and blinds	2	8,925	Tobacco, cigars and cigarettes	1	5,025
Paper and wood pulp	1	40,000	All other industries	10	7,799

Table 3 presents the statistics for the 7 leading industries of the state for 1900 and 1890.

TABLE 3.—COMPARATIVE SUMMARY OF SEVEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Total for selected industries for state	1900	1,045	$27,649,879	30,237	$9,244,321	$2,052,416	$12,925,978	$30,680,179
	1890	431	8,010,430	10,960	5,142,613	964,560	6,448,255	14,905,966
Increase, 1890 to 1900		614	19,639,449	19,277	4,101,708	1,087,856	6,477,723	15,774,213
Per cent of increase		142.5	245.2	175.9	79.8	112.8	100.5	105.8
Per cent of total of all industries in state	1900	50.8	83.5	88.3	86.5	86.8	82.7	83.3
	1890	53.5	72.1	83.5	86.9	85.3	80.4	81.8
Cars and general shop construction and repairs by steam railroad companies.	1900	13	414,390	958	486,488	19,224	579,870	1,112,245
	1890	10	158,960	280	144,997	1,800	201,514	354,043
Fertilizers	1900	7	733,369	117	39,961	34,030	330,649	500,239
	1890	3	14,705	23	4,305	1,059	74,075	86,137
Lumber and timber products	1900	416	14,937,693	7,081	2,197,875	486,706	5,725,887	10,848,403
	1890	215	5,438,366	4,363	1,289,276	274,213	2,745,016	5,514,879
Printing and publishing	1900	100	538,743	406	179,758	39,299	155,317	603,410
	1890	86	435,855	468	204,719	76,002	122,122	567,808
Ship and boat building, wooden	1900	15	149,159	141	73,509	7,185	111,111	254,991
	1890	16	93,156	69	29,881	2,083	21,702	68,020
Turpentine and rosin	1900	366	5,526,618	15,073	3,049,200	201,756	1,222,932	6,469,605
	1890	15	182,992	484	93,269	5,520	45,865	191,859
Tobacco, cigars and cigarettes	1900	128	5,349,907	6,461	3,217,530	1,264,216	4,800,212	10,891,286
	1890	86	1,686,396	5,273	3,376,166	603,883	3,237,961	8,123,220

The most valuable natural resource of Florida is its forests, estimated to cover 25,000,000 acres,[1] and composed largely of pitch pine, from which turpentine is produced, and live oak, used largely for shipbuilding. The value of the products of the industries dependent upon the forests of the state—lumber and timber products, including tar and turpentine, and shipbuilding—amounted to $17,572,999, or 47.7 per cent of the total value of the manufactured products in the state in 1900. There were 790,373,000 feet of sawed lumber, board measure, including custom sawing, cut in the sawmills of the state during the year, valued at $7,853,462. The total value of the product in 1900, including planing mill operations carried on in connection with the sawmills, and including the amount received for custom work, was $10,848,403 as compared with $5,514,879 in 1890—an increase of 96.7 per cent. The average number of wage-earners engaged in the industry increased from 4,363 in 1890 to 7,081 in 1900, or 62.3 per cent. The industry is carried on chiefly in the northwestern part of the state, and the mills of this region use large quantities of timber cut in the forests of Georgia.

The manufacture of turpentine and rosin is practically all a growth of the last decade, the product in 1890 being valued at but $191,859 as compared with $6,469,605 in 1900. This product consisted chiefly of turpentine, 236,778 barrels, valued at $4,800,033, and rosin, 772,537 barrels, valued at $1,639,472. Ship and boat building, wooden, favored by the supply of suitable lumber, largely increased, gave employment to 141 wage-earners in 1900, and had a product valued at $254,991. This latter is over three times the value of the product reported for 1890.

[1] King's Handbook of the United States, by M. F. Sweetser, page 171.

The tobacco manufacture in Florida is largely a result of Cuban immigration. Most of the manufacturers use Havana tobacco entirely, the imports of tobacco leaf into the port of Tampa alone exceeding those of any other port except New York in the year 1899–1900, while the imports into all the ports of the state constituted over a tenth of the total imports of tobacco leaf into the country.[1] Florida tobacco is also used in considerable quantities, the Cuban "filler leaf" grown in Florida commanding the highest price of any domestic filler leaf,[2] while an exhibit at the Paris Exposition in 1900 of the so-called Sumatra "wrapper leaf" grown in Florida was rated by the jury higher than that grown in Sumatra itself.[3] The tobacco manufacture shows an average of 6,461 wage-earners employed in 1900 as compared with 5,273 employed in 1890, and a product valued at $10,891,286 in 1900 as compared with $8,123,220 in 1890.

Of the 3 remaining industries included in Table 3, the manufacture of fertilizers shows the largest percentage of increase since the year 1890. The industry has developed very largely during the last decade, giving employment to 117 wage-earners in 1900 as compared with 23 in 1890, and reporting a product valued at $500,239 in 1900 as compared with $86,137 in 1890. Rich veins of phosphate rock were discovered in the state in 1888, and a production began, which, in 1899, had become nearly one-half of the production of the country. Over 444,000 long tons of this valuable rock were exported from Florida during 1899, largely to foreign ports, and increasing quantities are being retained in the state to be manufactured into commercial fertilizers.[4] Car construction and repairs by steam railroad companies gave employment to 958 wage-earners in 1900 and 280 in 1890, and had a product valued at $1,112,245 in 1900 and $354,043 in 1890. Printing and publishing gave employment to 406 wage-earners in 1900 and 468 in 1890, and had a product valued at $603,410 in 1900 and $567,808 in 1890.

Table 4 presents the totals for the manufacturing industries of Jacksonville, Key West, and Tampa, and places them in comparison with the totals for the entire state and the state exclusive of these cities.

[1] Annual Report of the Treasury Department on Commerce and Navigation, 1900, Vol. 1, page 516.
[2] Yearbook of the Department of Agriculture, 1899, page 438.
[3] Ibid., 1900, page 162.
[4] The Production of Phosphate Rock in 1899, pages 6, 8, and 13. (Extract from the Annual Report of the Geological Survey, 1899–1900, Part VI.)

TABLE 4.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Total for state	2,056	$33,107,477	2,476	34,230	$10,683,038	$2,363,626	$15,637,520	$36,810,243
Total for urban manufactures	416	7,843,504	479	7,680	3,819,833	1,279,086	5,945,279	13,197,557
Jacksonville	195	2,068,663	208	1,602	645,921	153,295	1,007,924	2,312,209
Key West	92	1,839,194	110	1,969	1,164,835	534,388	1,395,072	3,403,607
Tampa	129	3,935,647	161	4,109	2,009,077	591,403	3,542,283	7,481,741
Total for state exclusive of urban manufactures	1,640	25,263,973	1,997	26,550	6,863,205	1,084,540	9,692,241	23,612,686
Per cent of urban manufactures to total for state	20.2	23.7	19.3	22.4	35.8	54.1	38.0	35.9

Of the 2,056 establishments in the state, 416, or 20.2 per cent, are located in the 3 cities. The capital reported for these establishments is 23.7 per cent of that for the entire state. They furnish employment to 22.4 per cent of the total number of wage-earners, pay 35.8 per cent of the total amount for wages, and their products form 35.9 per cent of the value of the total for the state.

Table 5 shows the totals for the state by counties.

Table 6 shows the totals for the state by specified industries.

Table 7 shows the totals for the city of Jacksonville by specified industries.

Table 8 shows the totals for the cities of Key West and Tampa.

TABLE 5.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	2,056	$33,107,477	$10,795,140	$2,892,701	$7,298,569	$12,121,067	2,476	1,778	$1,295,139	34,230	$10,683,038
2	Alachua	85	928,851	293,943	90,531	254,228	290,149	103	68	31,462	1,178	323,071
3	Baker	15	294,340	192,520	9,650	82,070	10,100	16	17	9,390	376	78,063
4	Bradford	42	178,077	40,306	14,876	61,676	61,219	53	26	9,560	532	121,036
5	Brevard	17	124,209	5,500	22,050	67,357	29,302	19	8	4,480	94	24,202
6	Calhoun	11	275,645	148,719	20,028	16,271	90,627	20	23	8,660	597	115,513
7	Citrus	19	355,914	149,919	16,635	52,978	136,382	20	37	17,259	585	137,540
8	Clay	20	206,094	71,365	13,340	51,526	69,863	30	15	7,110	413	86,768
9	Columbia	65	1,140,525	523,914	88,943	338,186	189,482	64	44	28,000	923	208,293
10	Dade	34	78,445	5,935	8,100	46,650	17,760	35	5	4,380	71	33,045
11	De Soto	21	253,649	130,850	14,410	83,014	25,375	28	8	5,110	200	61,175
12	Duval	214	3,353,839	996,976	401,452	844,447	1,110,964	229	157	133,294	2,292	812,734
13	Escambia	110	4,812,866	2,495,683	256,276	1,033,179	1,027,728	115	89	84,899	1,373	526,186
14	Franklin	16	973,403	164,540	98,593	227,962	482,308	9	41	39,077	555	170,310
15	Gadsden	38	277,799	48,360	44,447	108,423	76,569	42	16	9,460	427	80,569
16	Hamilton	46	610,597	298,131	25,040	172,870	114,556	64	44	30,245	848	211,202
17	Hernando	27	325,753	196,656	21,132	45,123	62,842	42	37	17,390	578	139,150
18	Hillsboro	212	5,010,934	383,995	630,187	604,511	3,392,241	257	271	326,623	5,636	2,533,884
19	Holmes	27	186,673	71,823	17,385	30,885	66,580	37	22	8,870	571	117,042
20	Jackson	60	257,198	95,020	21,782	69,782	70,614	61	36	13,284	854	176,421
21	Jefferson	49	82,006	28,195	9,155	28,725	15,931	55	7	1,975	220	42,410
22	Lafayette	13	109,696	52,874	13,976	16,720	26,126	19	18	6,600	454	80,150
23	Lake	47	331,703	134,482	27,507	72,542	97,172	61	35	17,064	561	137,630
24	Lee	6	11,070	560	1,400	5,750	3,360	5	1	600	19	5,440
25	Leon	50	326,918	69,030	34,674	134,971	88,243	58	41	22,135	966	214,204
26	Levy	34	837,239	524,324	44,280	145,406	123,229	47	64	26,981	825	197,737
27	Liberty	9	75,221	47,721	8,420	11,060	8,020	11	8	2,630	220	42,150
28	Madison	43	300,030	70,501	98,070	96,977	34,482	49	23	14,255	370	83,981
29	Manatee	7	20,655	9,300	1,700	5,695	3,960	8	1	500	34	9,600
30	Marion	97	1,300,901	596,203	85,330	321,929	297,439	131	87	48,611	1,401	392,896
31	Monroe	93	1,839,444	33,850	46,800	37,881	1,720,913	111	61	85,319	1,969	1,164,835
32	Nassau	32	572,510	160,903	54,453	196,471	160,683	37	19	15,151	795	284,565
33	Orange	57	726,223	168,731	79,582	276,081	201,829	56	46	31,580	615	187,692
34	Osceola	11	38,755	16,700	1,310	7,995	12,750	15	1	500	26	6,341
35	Pasco	40	581,286	345,550	32,625	107,580	95,531	59	36	14,230	864	177,659
36	Polk	28	501,260	223,936	42,835	149,174	85,315	41	21	8,480	456	95,192
37	Putnam	79	1,035,773	203,010	83,562	287,246	461,955	99	57	47,335	920	252,400
38	St. John	61	804,544	219,902	67,636	282,552	234,454	80	46	25,532	1,006	274,126
39	Santa Rosa	33	1,336,975	602,916	110,165	266,032	357,862	53	42	32,545	670	206,599
40	Sumter	19	555,833	233,610	21,870	107,778	192,575	24	26	14,425	456	115,492
41	Suwanee	26	291,022	87,538	26,757	119,105	57,622	35	22	12,300	744	187,174
42	Taylor	9	72,551	42,499	6,645	5,492	17,915	14	9	2,954	85	16,600
43	Volusia	51	390,364	120,457	32,627	138,120	99,160	66	29	14,195	519	114,215
44	Wakulla	23	291,610	116,877	34,087	85,985	54,661	24	37	16,570	649	136,427
45	Walton	31	330,956	96,582	44,800	58,583	130,991	37	34	18,385	589	148,254
46	Washington	29	698,121	274,734	67,578	141,581	214,228	37	43	25,734	694	153,065

TABLE 6.—MANUFACTURES BY

1	All industries	2,056	$33,107,477	$10,795,140	$2,892,701	$7,298,569	$12,121,067	2,476	1,778	$1,295,139	34,230	$10,683,038
2	Artificial feathers and flowers	4	6,562	500	350	362	5,350	7	4	1,800	52	12,901
3	Awnings, tents, and sails	3	12,376	500	40	4,711	7,125	2	3	1,680	25	6,471
4	Bicycle and tricycle repairing	54	69,794	6,350	7,650	16,100	39,694	69	2	1,110	52	17,756
5	Blacksmithing and wheelwrighting	95	57,992	8,606	7,758	19,673	21,955	104	------	------	77	27,831
6	Boots and shoes, custom work and repairing.	43	16,183	1,200	300	4,308	10,375	43	------	------	21	8,463
7	Boxes, cigar	3	40,685	3,000	5,000	8,000	24,685	2	8	4,534	123	37,680
8	Boxes, wooden packing	3	51,034	4,600	8,694	15,964	21,776	2	3	2,000	45	10,320
9	Bread and other bakery products	39	101,869	18,900	25,150	24,065	33,754	43	6	1,950	153	48,893
10	Brick and tile	17	195,885	62,250	46,400	44,575	42,660	19	11	9,550	258	66,449
11	Carpentering	38	152,815	9,495	10,875	18,600	113,845	47	8	4,680	317	148,740
12	Carriages and wagons	47	142,522	24,075	29,040	22,545	66,862	57	3	2,100	143	59,384
13	Cars and general shop construction and repairs by steam railroad companies.	13	414,390	35,880	79,025	127,099	172,386	------	33	26,663	958	486,488
14	Clothing, men's, custom work and repairing.	49	89,596	8,825	7,250	13,870	64,651	59	------	------	104	39,730
15	Clothing, women's, dressmaking	15	12,064	1,600	2,900	1,669	5,895	15	------	------	40	9,247
16	Confectionery	8	16,100	------	------	5,950	10,150	10	3	2,100	19	7,418
17	Cooperage	12	71,715	2,110	3,100	3,590	62,915	11	4	3,550	57	20,692
18	Cotton, ginning[1]	82	141,600	6,676	28,760	100,805	5,359	98	8	1,512	170	38,730
19	Dyeing and cleaning	4	1,723	25	175	1,060	463	6	------	------	6	2,115
20	Electrical construction and repairs	3	20,550	------	------	2,150	18,400	3	3	2,500	10	6,702
21	Fertilizers	7	733,369	92,164	135,185	109,748	396,272	4	29	26,731	117	39,961

[1] Does not include many ginneries operated in connection with saw, grist, and cottonseed-oil mills or for the use exclusively of plantations on which they are located. For the full number of ginneries in operation reference should be made to the special report on cotton ginning.

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
32,188	$10,181,990	1,668	$455,906	374	$45,142	$2,363,626	$121,632	$184,504	$1,967,475	$90,015	$15,637,520	$15,414,220	$223,300	$36,810,243	1
1,170	321,666	1	115	7	1,290	20,310	1,245	4,259	14,806	------	471,673	457,892	13,781	1,070,001	2
376	78,063	------	------	------	------	5,649	------	2,229	2,920	500	104,241	103,731	510	269,205	3
524	119,661	5	745	3	630	5,501	173	1,727	3,601	------	126,155	123,256	2,899	386,243	4
90	23,358	4	844	------	------	3,989	333	351	3,305	------	45,268	39,897	5,371	105,078	5
597	115,513	------	------	------	------	60,846	15	2,321	3,510	55,000	42,718	40,918	1,800	290,210	6
544	131,912	13	2,678	28	2,950	3,352	72	2,071	1,209	------	99,503	99,076	427	331,243	7
410	86,386	2	307	1	75	8,317	591	1,619	6,107	------	131,720	131,440	280	359,365	8
910	206,445	6	1,255	7	593	44,657	1,835	5,443	36,279	1,100	348,779	346,202	2,577	819,990	9
68	32,577	2	398	1	70	7,600	2,634	159	2,607	2,200	54,839	50,921	3,918	136,443	10
199	60,975	1	200	------	------	3,960	219	1,552	2,189	------	72,456	70,520	1,936	197,022	11
2,163	784,580	97	23,854	32	4,300	215,662	41,589	17,742	155,850	481	1,218,590	1,178,154	40,436	2,849,616	12
1,307	512,617	26	7,358	40	6,211	131,941	8,549	21,630	101,138	624	1,335,581	1,318,312	17,269	2,472,557	13
503	161,544	18	4,300	34	4,466	62,754	1,795	10,906	49,253	800	511,103	509,685	1,418	925,711	14
381	73,411	43	6,900	3	258	8,809	646	1,046	7,102	15	71,049	61,797	9,252	230,473	15
834	208,992	------	------	14	2,210	35,008	301	3,400	28,307	3,000	466,415	463,380	3,035	948,069	16
555	136,904	------	------	23	2,246	12,646	90	2,577	9,683	296	94,516	94,123	393	363,886	17
4,831	2,278,794	798	254,215	7	875	785,532	24,274	25,021	735,737	500	4,315,096	4,271,245	43,851	9,471,044	18
549	115,393	------	------	22	1,649	2,714	104	1,252	1,294	64	82,974	81,319	1,655	274,860	19
849	175,481	1	300	4	640	10,029	527	2,111	6,666	725	197,210	194,812	2,398	494,008	20
209	40,812	6	1,189	5	409	3,276	453	518	1,255	1,050	54,611	53,201	1,410	137,881	21
454	80,150	------	------	------	------	1,312	------	712	600	------	25,557	24,822	735	154,141	22
551	136,178	1	260	9	1,192	6,277	1,532	1,896	2,849	------	117,921	112,526	5,395	395,354	23
18	5,320	1	120	------	------	366	220	44	102	------	13,458	13,410	48	28,300	24
855	191,991	105	21,400	6	813	28,236	1,422	2,980	23,834	------	167,086	162,527	4,559	617,836	25
815	196,665	2	300	8	772	10,059	------	2,566	5,543	1,950	262,371	259,004	3,367	593,267	26
216	41,910	------	------	4	240	876	------	466	410	------	8,573	8,398	175	66,626	27
367	83,796	------	------	3	185	8,169	60	1,991	2,618	3,500	63,263	59,377	3,886	222,858	28
34	9,600	------	------	------	------	969	289	121	559	------	3,185	3,123	62	20,450	29
1,388	390,614	4	1,050	9	1,232	34,234	2,301	6,135	24,398	1,400	463,942	457,427	6,515	1,210,234	30
1,557	1,064,399	410	100,124	2	312	534,513	14,067	3,726	516,720	------	1,395,242	1,393,153	2,089	3,404,407	31
720	270,926	58	11,000	17	2,639	11,732	1,202	6,646	3,884	------	403,557	393,643	9,914	818,163	32
589	182,710	14	3,726	12	1,256	23,105	1,904	6,476	9,607	5,118	233,458	224,203	9,255	614,485	33
26	6,341	------	------	------	------	1,062	132	87	843	------	9,516	9,437	79	25,524	34
863	177,479	------	------	1	180	14,564	782	3,345	9,937	500	166,245	164,693	1,552	548,814	35
444	93,934	10	933	2	325	11,324	742	2,387	7,195	1,000	101,219	100,502	717	280,290	36
895	249,641	6	1,131	19	1,628	66,769	4,534	5,150	56,835	250	544,888	541,568	3,320	1,180,419	37
984	265,507	21	8,359	1	260	48,188	3,436	5,652	38,925	175	257,280	249,727	7,553	704,720	38
663	205,899	7	700	------	------	42,010	522	10,155	31,333	------	431,146	429,847	1,299	984,667	39
435	113,193	------	------	21	2,299	5,429	2	2,422	2,205	800	143,073	142,843	230	383,928	40
743	187,100	------	------	1	74	12,130	725	2,674	8,731	------	264,517	263,007	1,510	589,063	41
85	16,600	------	------	------	------	1,050	50	332	165	503	8,833	8,549	284	50,100	42
502	111,832	4	1,599	13	784	14,639	1,751	2,302	10,586	------	109,694	105,806	3,888	338,522	43
643	135,523	1	146	5	758	9,154	10	2,385	6,759	------	88,712	88,017	695	302,403	44
585	147,613	1	400	3	241	17,710	84	1,829	7,333	8,464	274,836	273,979	857	600,654	45
687	151,985	------	------	7	1,080	27,197	420	4,031	22,686	------	235,451	234,751	700	542,113	46

SPECIFIED INDUSTRIES: 1900.

32,188	$10,181,990	1,668	$455,906	374	$45,142	$2,363,626	$121,632	$184,504	$1,967,475	$90,015	$15,637,520	$15,414,220	$223,300	$36,810,243	1
32	9,800	16	2,645	4	456	1,378	320	16	1,042	------	10,402	10,300	102	38,325	2
23	5,971	2	500	------	------	2,045	24	9	2,012	------	18,403	18,403	------	36,430	3
44	16,431	------	------	8	1,325	10,266	7,799	597	1,870	------	51,794	51,132	662	118,517	4
73	27,501	------	------	4	330	6,134	4,312	435	1,387	------	39,395	35,565	3,830	142,140	5
18	8,151	------	------	3	312	5,428	4,531	201	671	25	17,553	17,538	15	52,714	6
63	21,930	60	15,750	------	------	5,890	1,080	370	4,440	------	52,680	51,762	918	134,700	7
36	9,925	------	------	9	395	1,645	------	95	550	1,000	4,324	4,149	175	24,450	8
128	45,068	16	2,990	9	835	11,893	7,959	782	3,152	------	149,470	144,080	5,390	303,600	9
246	64,850	------	------	12	1,599	5,854	2,675	702	2,477	------	33,248	7,690	25,558	134,803	10
317	148,740	------	------	------	------	9,144	2,073	704	3,642	2,725	233,159	233,155	4	481,036	11
141	58,874	1	364	1	146	7,737	4,415	1,035	2,287	------	97,683	95,152	2,531	216,277	12
955	485,768	3	720	------	------	19,224	------	10,985	3,146	5,093	579,870	571,576	8,294	1,112,245	13
80	34,771	22	4,885	2	74	13,205	9,031	540	3,609	25	59,707	58,995	712	152,686	14
1	140	39	9,107	------	------	1,460	1,142	47	271	------	3,442	3,351	91	23,630	15
17	7,064	2	354	------	------	2,781	2,013	88	680	------	20,023	19,592	431	48,336	16
57	20,692	------	------	------	------	2,644	1,512	87	845	200	96,388	96,138	250	178,213	17
156	37,267	4	470	10	993	2,145	------	1,318	827	------	42,913	34,385	8,528	117,935	18
4	1,884	------	------	2	231	537	352	15	170	------	587	431	156	6,620	19
9	6,650	------	------	1	52	1,382	1,180	90	112	------	5,959	5,755	204	19,300	20
114	39,511	------	------	3	450	34,030	1,495	2,307	30,228	------	330,649	324,040	6,609	500,239	21

TABLE 6.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
22	Flouring and grist mill products	95	$123,416	$17,203	$26,340	$47,655	$32,218	97	4	$3,500	46	$7,967
23	Foundry and machine shop products	20	281,643	51,725	43,000	85,858	101,060	26	22	19,346	214	100,584
24	Furniture, cabinetmaking, repairing, and upholstering.	10	9,170	700	1,500	3,585	3,385	10	------	------	16	7,543
25	Gas, illuminating and heating	11	1,155,689	67,386	61,615	877,490	149,198	------	28	16,228	47	24,108
26	Ice, manufactured	33	726,381	44,209	89,600	520,709	71,863	24	24	21,371	237	96,433
27	Lock and gun smithing	4	1,770	------	------	590	1,180	4	------	------	3	1,700
28	Lumber and timber products	416	14,937,693	6,717,592	916,107	3,582,600	3,721,394	537	365	303,936	7,081	2,197,875
29	Lumber, planing mill products, including sash, doors, and blinds.	20	415,349	27,805	58,184	144,877	184,483	20	23	25,595	481	186,675
30	Masonry, brick and stone	8	11,888	1,645	1,240	2,343	6,660	7	5	3,535	72	33,031
31	Mattresses and spring beds	8	12,977	2,250	3,550	2,255	4,922	11	1	600	19	6,569
32	Millinery, custom work	41	58,235	4,400	5,300	2,280	46,255	42	1	1,000	35	11,859
33	Mineral and soda waters	27	102,767	9,850	14,560	53,900	24,457	27	6	1,920	44	14,770
34	Monuments and tombstones	3	5,225	300	500	425	4,000	4	------	------	9	4,750
35	Oysters, canning and preserving	6	78,895	16,000	10,820	18,975	33,100	6	8	7,001	148	32,392
36	Painting, house, sign, etc	7	9,175	75	425	1,075	7,600	8	------	------	72	31,875
37	Photography	28	37,147	1,075	1,535	18,752	15,785	32	------	------	27	12,055
38	Plumbing, and gas and steam fitting	26	117,921	11,000	12,350	11,085	83,486	33	17	11,120	161	85,260
39	Printing and publishing, book and job	14	138,522	5,500	9,000	91,653	32,369	14	8	6,870	101	45,392
40	Printing and publishing, newspapers and periodicals.	86	400,221	11,110	28,250	252,538	108,323	99	55	49,096	805	134,366
41	Rice, cleaning and polishing	4	4,510	550	800	2,960	200	5	------	------	3	976
42	Saddlery and harness	13	14,617	------	------	3,425	11,192	15	2	500	16	7,682
43	Ship and boat building, wooden	15	149,159	8,550	9,600	45,992	85,017	15	3	3,150	141	73,509
44	Sugar and molasses, refining	8	1,001	58	166	777	------	8	------	------	4	1,102
45	Turpentine and rosin	366	5,526,618	3,206,099	488,376	562,172	1,269,971	552	748	306,351	15,073	3,049,200
46	Tinsmithing, coppersmithing, and sheet-iron working.	24	48,930	6,880	12,250	11,513	18,287	26	1	1,000	53	29,639
47	Tobacco, cigars and cigarettes	128	5,349,907	220,670	410,885	96,214	4,622,138	160	267	359,424	6,461	3,217,530
48	Upholstering materials	11	14,645	305	2,965	5,915	5,460	16	3	460	12	4,721
49	Watch, clock, and jewelry repairing	46	47,070	600	1,500	19,950	25,020	47	------	------	16	8,306
50	Wood, turned and carved	3	7,075	1,000	800	2,200	3,075	3	------	------	7	2,260
51	All other industries[1]	36	971,037	78,847	283,831	283,962	324,397	27	59	60,676	579	156,938

[1] Embraces brooms and brushes, 1; carriage and wagon materials, 1; coffee and spice, roasting and grinding, 1; dye stuffs and extracts, 2; food preparations, 2; fruits and vegetables, canning and preserving, 2; glue, 1; hand stamps, 1; jewelry, 2; kaolin and other earth grinding, 1; lime and cement, 1; liquors, malt, 1; liquors, vinous, 1; looking-glass and picture frames, 1; oil, cottonseed and cake, 1; oil, essential, 1; patent medicines and compounds, 2; paving and paving

TABLE 7.—MANUFACTURES IN JACKSONVILLE

1	All industries	195	$2,068,663	$456,570	$160,750	$700,817	$750,526	208	119	$106,241	1,602	$645,921
2	Bicycle and tricycle repairing	16	15,545	------	------	6,635	8,910	19	------	------	20	7,467
3	Blacksmithing and wheelwrighting	16	7,080	900	750	1,860	3,570	18	------	------	21	7,546
4	Boots and shoes, custom work and repairing.	15	3,573	------	------	1,773	1,800	15	------	------	13	5,432
5	Bread and other bakery products	8	25,205	8,400	7,050	8,200	1,555	9	1	600	51	14,845
6	Carpentering	5	5,525	700	75	2,050	2,700	5	------	------	57	21,898
7	Carriages and wagons	3	24,100	3,500	3,700	1,400	15,500	3	1	500	35	15,942
8	Clothing, men's, custom work and repairing.	15	89,135	------	------	10,000	29,135	17	------	------	59	23,100
9	Electrical construction and repairs	3	20,550	------	------	2,150	18,400	3	3	2,500	10	6,702
10	Foundry and machine shop products	3	70,663	26,500	12,000	15,622	16,541	4	7	5,776	37	21,738
11	Furniture, cabinetmaking, repairing, and upholstering.	3	2,360	------	------	1,300	1,060	3	------	------	3	2,000
12	Ice, manufactured	5	159,600	9,000	14,700	110,000	25,900	3	7	6,720	56	27,000
13	Lumber and timber products	6	699,767	314,484	42,300	140,548	202,435	4	15	15,654	452	193,275
14	Millinery, custom work	3	6,135	------	------	185	5,950	3	------	------	9	2,690
15	Mineral and soda waters	3	9,400	500	1,500	5,700	1,700	3	4	600	8	2,070
16	Photography	5	9,850	------	------	4,800	5,050	5	------	------	10	3,773
17	Plumbing, and gas and steam fitting	9	64,276	6,000	10,500	3,600	44,176	12	3	1,950	63	31,240
18	Printing and publishing, book and job	9	96,392	------	------	71,903	24,489	8	6	5,050	86	36,962
19	Printing and publishing, newspapers and periodicals.	6	90,990	------	------	57,100	33,890	5	30	30,348	69	41,558
20	Saddlery and harness	3	9,600	------	------	1,375	8,225	4	1	300	10	5,022
21	Ship and boat building, wooden	3	4,625	------	------	3,150	1,475	3	------	------	12	3,864
22	Tinsmithing, coppersmithing, and sheet-iron working.	4	2,430	------	------	910	1,520	5	------	------	3	1,080
23	Tobacco, cigars and cigarettes	9	19,550	5,000	2,000	1,215	11,335	10	2	1,020	34	11,765
24	Watch, clock, and jewelry repairing	13	4,985	------	------	2,725	2,260	15	------	------	7	1,975
25	All other industries[1]	30	677,327	81,586	66,175	246,616	282,950	32	39	35,223	477	156,977

[1] Embraces boxes, cigar, 1; brick and tile, 1; cars and general shop construction and repairs by steam railroad companies, 1; clothing, women's, dressmaking, 2; confectionery, 2; cooperage, 1; dyeing and cleaning, 2; fertilizers, 2; gas, illuminating and heating, 2; hand stamps, 1; jewelry, 1; lock and gun smithing, 2;

TABLE 8.—MANUFACTURES IN CITIES

1	Total for cities	221	$5,774,841	$243,588	$555,905	$493,645	$4,481,703	271	248	$325,484	6,078	$3,173,912
2	Key West	92	1,839,194	33,850	46,800	37,831	1,720,713	110	61	85,319	1,969	1,164,835
3	Tampa	129	3,935,647	209,738	509,105	455,814	2,760,990	161	187	240,165	4,109	2,009,077

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
45	$7,927			1	$40	$2,160	$180	$1,303	$677		$242,378	$239,995	$2,383	$302,737	22
212	100,054			2	530	14,426	2,014	2,414	9,998		87,564	80,478	7,086	320,507	23
16	7,543					1,177	722	104	351		18,692	18,692		34,275	24
47	24,108					54,445	136	6,547	47,762		41,324	37,329	3,995	170,297	25
235	96,165			2	268	21,200	937	5,349	14,614	$300	129,289	50,361	78,928	427,762	26
3	1,700					986	691	40	255		1,350	1,330	20	6,400	27
6,936	2,175,940	38	$6,999	107	14,936	486,706	3,803	76,983	405,920		5,725,887	5,724,799	1,088	10,848,403	28
479	186,435			2	240	29,048	1,155	2,163	25,730		405,492	404,912	580	777,782	29
71	32,887			1	144	981	224	192	540	25	60,976	60,376	600	117,954	30
12	5,744	5	675	2	150	628	417	72	139		10,263	10,163	100	25,318	31
3	1,513	32	10,346			7,783	5,440	469	1,874		77,065	76,988	77	124,106	32
43	14,620			1	150	3,334	1,423	793	1,118		34,678	33,515	1,163	94,371	33
9	4,750					3,094	445	34	2,615		7,482	7,482		23,625	34
44	12,957	80	16,300	24	3,135	5,881	705	201	4,175	800	48,029	45,079	2,950	100,543	35
71	31,800			1	75	2,274	1,567	112	595		34,945	34,945		81,250	36
10	6,850	13	4,779	4	426	7,032	4,891	278	1,263	600	20,401	20,316	85	62,468	37
156	84,216			5	1,044	7,459	3,946	976	2,537		240,358	239,409	949	401,537	38
79	41,580	17	2,924	5	888	7,524	2,820	282	4,422		34,690	32,144	2,546	123,042	39
256	126,043	16	5,084	33	3,239	31,775	11,018	2,053	17,538	1,166	120,627	116,155	4,472	480,368	40
3	976					109	36	36	37		10,855	10,620	235	13,995	41
16	7,682					2,676	1,844	141	691		11,423	11,393	30	29,447	42
141	78,509					7,185	1,195	439	5,551		111,111	110,696	415	254,991	43
4	1,102					2		2			6,326	5,955	371	8,335	44
14,947	3,034,259	23	3,977	98	10,964	201,756	2,593	38,946	82,911	77,306	1,222,932	1,200,410	22,522	6,469,605	45
52	29,490			1	149	3,501	2,158	882	961		42,789	42,372	417	108,019	46
5,222	2,858,929	1,233	358,245	6	356	1,264,216	12,987	17,941	1,232,538	750	4,800,212	4,799,747	465	10,891,286	47
11	4,475			1	246	451	221	67	163		15,415	14,875	540	28,728	48
15	7,930	1	376			8,042	4,811	354	2,877		19,666	19,663	3	63,760	49
7	2,260					60		30	30		10,561	10,378	183	17,550	50
529	147,558	40	8,416	10	964	42,893	1,340	5,378	36,175		197,091	170,454	26,637	559,586	51

materials, 2; pickles, preserves, and sauces, 1; pottery, terra cotta, and fire-clay products, 1; pulp goods, 1; pulp, from fiber other than wood, 2; sewing machine repairing, 2; shipbuilding, iron and steel, 1; starch, 2; taxidermy, 1; tobacco, stemming and rehandling, 1.

BY SPECIFIED INDUSTRIES: 1900.

1,473	$617,767	97	$23,854	32	$4,300	$153,295	$39,089	$12,853	$100,872	$481	$1,007,924	$970,543	$37,381	$2,312,209	1
17	6,905			3	562	4,311	3,314	267	730		10,180	10,055	125	34,650	2
17	7,216			4	330	2,236	1,656	107	473		8,302	6,808	1,494	40,600	3
10	5,120			3	312	2,480	2,056	55	369		6,478	6,478		21,859	4
43	13,320	5	1,200	3	325	1,870	940	55	875		39,180	38,228	952	72,744	5
57	21,898					1,021	216	75	730		21,525	21,525		64,139	6
34	15,578	1	364			2,330	2,100	50	180		14,064	13,814	250	48,050	7
50	20,876	8	2,174	1	50	7,526	4,773	235	2,518		25,112	24,967	145	64,898	8
9	6,650			1	52	1,382	1,180	90	112		5,959	5,755	204	19,300	9
37	21,738					4,768	150	891	3,727		17,627	16,489	1,138	62,400	10
3	2,000					496	290	30	176		1,660	1,660		6,050	11
56	27,000					3,720	900	1,415	1,405		26,903	10,768	16,135	87,647	12
452	193,275					49,753		3,702	46,051		346,835	346,835		650,440	13
1	864	8	1,826			1,303	1,060	163	80		11,100	11,100		19,480	14
7	1,920			1	150	608	432	70	106		4,190	3,842	348	12,200	15
4	2,350	3	1,069	3	354	1,847	1,560	75	212		4,588	4,568	20	17,800	16
60	30,596			3	644	3,126	1,970	489	667		52,237	51,759	478	106,546	17
66	33,420	16	2,804	4	738	5,613	1,690	180	3,743		25,850	23,701	2,149	95,342	18
63	38,888	4	2,340	2	330	13,576	3,386	649	9,060	481	47,126	45,591	1,535	155,901	19
10	5,022					1,675	970	80	625		5,646	5,646		17,350	20
12	3,864					712	510	32	170		2,582	2,582		11,154	21
3	1,080					474	384	23	67		3,670	3,635	35	8,500	22
26	10,712	7	981	1	72	5,019	1,094	134	3,791		8,592	8,592		36,120	23
7	1,975					2,193	1,978	97	118		1,300	1,300		14,780	24
429	145,500	45	11,096	3	381	35,256	6,480	3,889	24,887		317,218	304,845	12,373	644,259	25

lumber, planing mill products, including sash, doors, and blinds, 2; mattresses and spring beds, 2; monuments and tombstones, 1; oil, essential, 1; painting, house, sign, etc., 2; patent medicines and compounds, 1; paving and paving materials, 1; pulp, from fiber other than wood, 1; shipbuilding, iron and steel, 1.

UNDER 20,000 IN POPULATION: 1900.

5,094	$2,879,825	979	$293,450	5	$637	$1,125,791	$36,556	$24,463	$1,064,772		$4,937,355	$4,895,277	$42,078	$10,885,348	1
1,557	1,064,399	410	100,124	2	312	534,388	13,947	3,721	516,720		1,395,072	1,392,998	2,074	3,403,607	2
3,537	1,815,426	569	193,326	3	325	591,403	22,609	20,742	548,052		3,542,283	3,502,279	40,004	7,481,741	3

GEORGIA.

Table 1 shows the manufacturing and mechanical industries of the state of Georgia as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	7,504	4,285	3,593	3,836	1,890	1,522	75.1	19.3	[1] 6.3	103.0	24.2
Capital	$89,789,656	$56,921,580	$20,672,410	$13,930,125	$10,890,875	$5,456,483	57.7	175.4	48.4	27.9	99.6
Salaried officials, clerks, etc., number	4,203	[2] 4,085	(3)	(3)	(3)	(3)	2.9				
Salaries	$3,354,946	[2] $2,688,200	(3)	(3)	(3)	(3)	24.8				
Wage-earners, average number	83,842	52,298	24,875	17,871	11,575	8,368	60.3	110.2	39.2	54.4	38.3
Total wages	$20,290,071	$14,623,996	$5,266,152	$4,844,508	$2,925,148	$1,709,664	38.7	177.7	8.7	65.6	71.1
Men, 16 years and over	66,540	42,779	18,937	15,078	9,492	6,650	55.5	125.9	25.6	58.8	42.7
Wages	$17,582,519	$12,976,291	(3)	(3)	(3)	(3)	35.5				
Women, 16 years and over	10,929	5,998	3,619	1,498	2,083	1,718	82.2	65.7	141.6	[1] 28.1	21.2
Wages	$2,015,852	$1,298,806	(3)	(3)	(3)	(3)	55.2				
Children, under 16 years	6,373	3,521	2,319	1,295	(3)	(3)	81.0	51.8	79.1		
Wages	$691,700	$348,899	(3)	(3)	(3)	(3)	98.3				
Miscellaneous expenses	$5,321,330	$4,019,539	(4)	(4)	(4)	(4)	32.4				
Cost of materials used	$58,232,202	$35,774,480	$24,143,939	$18,583,731	$9,986,532	$3,404,917	62.8	48.2	29.9	86.1	193.8
Value of products, including custom work and repairing	$106,654,527	$68,917,020	$36,440,948	$31,196,115	$16,925,564	$7,082,075	54.8	89.1	16.8	84.3	139.0
Total population	2,216,331	1,837,353	1,542,180	1,184,109	1,057,286	906,185	20.6	19.1	30.2	12.0	16.7
Wage-earners engaged in manufactures	83,842	52,298	24,875	17,871	11,575	8,368	60.3	110.2	39.2	54.4	38.3
Per cent of total population	3.8	2.8	1.6	1.5	1.1	0.9					
Assessed value of real estate	[5] $434,336,134	$225,054,915	$139,983,941	$143,948,216	$179,801,441	$121,619,739	93.0	60.8	[1] 2.8	[1] 19.9	47.8
Value of land and buildings invested in manufactures [6]	$24,283,038	$17,106,773	(3)	(3)	(3)	(3)	41.9				
Per cent of assessed value	5.6	7.6									

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[3] Not reported separately.
[4] Not reported.
[5] As given in the Report of the Comptroller-General of the State of Georgia for 1900, page 4.
[6] Does not include value of rented property.

Although Georgia is an agricultural state, Table 1 shows that there has been a steady growth in its manufacturing and mechanical industries during the half century. The population during these years increased from 906,185 to 2,216,331, or 144.6 per cent, but the average number of wage-earners employed in manufacturing establishments increased from 8,368 to 83,842, or 901.9 per cent, embracing, in 1900, 3.8 per cent of the entire population, compared with nine-tenths of 1 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 111,239, or 5 per cent of the total population of the state.

A distinct advance in manufactures has marked each decennial period—even that between the years 1860 and 1870—of the state's history. A great impetus was given to manufacturing by the cotton exposition held at Atlanta in 1881. It was the first exhibition of the kind in the Southern states, and the first in the country after the Centennial Exposition at Philadelphia, by which it seems to have been suggested. The increasing interest in manual training and technical education since 1887 has also contributed to the growth of Georgia's manufactures. The Georgia Institute of Technology was opened to students in 1887. Its graduates are actively engaged in manufacturing of various kinds with marked success. It is noteworthy that the increase in value of products was greatest—$37,737,507—during the decade ending with the census year 1900.

Table 1 shows that during the last decade the increase in percentage of women, and of children under 16 years of age, among wage-earners, was larger than that of men. In the absence of legislation regulating child labor, all the cotton manufacturers in the state have signed an agreement to exclude from the mills children under 10 years of age, and those under 12 who can not show a certificate of 4 months' attendance at school.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for 1 governmental establishment, 1 eleemosynary institution, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	13,176	$92,315,737	15,147	91,547	$20,464,456	$5,382,817	$58,539,684	$26,702,668	$28,741,907	$3,095,109	$107,867,052
Hand trades[1]	1,631	1,713,164	1,838	3,822	1,317,016	243,539	2,778,299	2,950	2,703,392	71,957	5,822,990
Governmental establishment	1	125	-------	1	540	-------	29	-------	24	5	569
Eleemosynary institution	1	1,200	-------	1	150	-------	2,415	2,400	15	-------	2,800
Establishments with a product of less than $500	5,670	2,524,756	6,319	7,703	173,695	61,487	305,038	63,086	241,952	-------	1,209,156
All other establishments	5,873	88,076,492	6,990	80,020	18,973,055	5,077,791	55,453,903	26,634,232	25,796,524	3,023,147	100,831,537

[1] Includes bicycle and tricycle repairing, 58; blacksmithing and wheelwrighting, 621; boots and shoes, custom work and repairing, 169; carpentering, 87; clothing, men's, custom work and repairing, 73; clothing, women's, dressmaking, 89; dyeing and cleaning, 24; furniture, cabinetmaking, repairing, and upholstering, 42; lock and gun smithing, 19; masonry, brick and stone, 30; millinery, custom work, 181; painting, house, sign, etc., 47; paper hanging, 5; plumbing, and gas and steam fitting, 56; sewing machine repairing, 4; typewriter repairing, 3; watch, clock, and jewelry repairing, 123.

Of the 13,176 establishments of all classes, shown in this table, 7,301, or 55.4 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $7,032,146, or only 6.5 per cent of the total products of the state.

In addition to the 13,176 active establishments in the state during the census year, with a capital of $92,315,737, shown in Table 2, there were 103 idle establishments, with a capital of $1,117,076, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Brick and tile	7	$5,907	Iron and steel	3	$599,300
Chemicals	1	150,000	Kaolin and other earth grinding	1	29,000
Cotton, ginning	40	26,782	Lumber and timber products	23	81,509
Fertilizers	1	82,500	Lumber, planing mill products, including sash, doors, and blinds	1	25,000
Flouring and grist mill products	7	7,965	Paving and paving materials	2	10,176
Foundry and machine shop products	1	44,000	Roofing and roofing materials	1	54,500
Fruits and vegetables, canning and preserving	1	9,100	All other industries	7	12,337
Hosiery and knit goods	1	25,000			
Ice, manufactured	1	4,000			

TABLE 3.—COMPARATIVE SUMMARY OF NINE LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	3,301	$61,341,596	61,170	$14,059,303	$2,731,378	$41,893,194	$72,715,693
	1890	1,673	38,425,143	34,494	8,561,345	1,992,578	24,060,378	41,763,950
Increase, 1890 to 1900	-------	1,628	22,916,453	26,676	5,497,958	738,800	17,832,816	30,951,743
Per cent of increase	-------	97.3	59.6	77.3	64.2	37.1	74.1	74.1
Per cent of total of all industries in state	1900	44.0	68.3	73.0	69.3	51.3	71.9	68.2
	1890	39.0	67.5	66.0	58.5	49.6	67.3	60.6
Cars and general shop construction and repairs by steam railroad companies.	1900	32	1,408,592	3,175	1,602,208	89,380	1,272,692	3,062,283
	1890	11	450,512	966	522,657	-------	349,844	892,610
Fertilizers	1900	41	6,663,618	1,126	294,887	405,936	2,349,635	3,367,353
	1890	44	5,501,881	1,264	326,011	468,599	3,098,883	5,026,034
Flouring and grist mill products	1900	1,123	2,504,033	1,167	225,933	73,455	7,004,065	8,330,439
	1890	719	2,347,835	1,078	197,964	103,985	4,356,700	5,190,311
Foundry and machine shop products	1900	87	3,398,141	2,384	920,331	173,903	1,590,884	3,506,427
	1890	52	2,107,969	1,632	732,301	124,362	753,299	2,272,653
Lumber and timber products	1900	1,254	11,802,716	10,240	2,344,523	249,636	6,665,897	13,704,923
	1890	449	5,019,635	5,943	1,533,217	228,279	3,304,249	6,545,195
Lumber, planing mill products, including sash, doors, and blinds	1900	99	2,074,226	2,171	672,243	102,159	2,280,495	4,302,976
	1890	82	1,677,880	2,157	851,290	126,193	1,907,370	3,548,972
Oil, cottonseed and cake	1900	43	4,098,668	1,591	354,017	312,986	6,229,436	8,064,112
	1890	17	992,131	751	145,557	86,843	1,289,421	1,670,196
Turpentine and rosin	1900	524	3,785,432	19,199	3,772,848	178,774	2,292,665	8,110,468
	1890	228	2,242,592	9,889	1,998,186	108,003	1,001,686	4,242,255

TABLE 3.—COMPARATIVE SUMMARY OF NINE LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Textiles:								
Total	1900	98	$25,606,170	20,117	$3,872,313	$1,145,149	$12,207,425	$20,266,712
	1890	71	18,084,708	10,814	2,254,162	746,314	7,998,926	12,375,724
Cotton goods (including cotton small wares)	1900	68	24,222,169	18,348	3,574,492	1,050,088	11,169,700	18,544,910
	1890	53	17,664,675	10,314	2,167,036	724,822	7,832,230	12,035,629
Hosiery and knit goods	1900	16	928,887	1,208	200,662	72,631	757,430	1,230,801
	1890	4	121,494	338	64,092	10,605	70,697	166,850
Woolen goods	1900	14	455,114	561	97,159	22,430	280,295	491,001
	1890	14	298,539	162	28,034	10,887	95,999	173,245

The 9 leading industries of the state in 1900, as shown in Table 3, embraced 3,301 establishments, or 44 per cent of the total number in the state; used a capital of $61,341,596, or 68.3 per cent of the total; gave employment to 61,170 wage-earners, or 73 per cent of the total number; and paid $14,059,303, or 69.3 per cent of the total wages. The value of their products was $72,715,693, or 68.2 per cent of the total. In the discussion of Table 3 which follows, these industries are ranked with reference to the value of their products.

Table 3 shows that the manufacture of cotton goods is the most important industry in the state. The 68 establishments reported in 1900 gave employment to 18,348 wage-earners, or 21.9 per cent of the wage-earners employed in the state, and their products were valued at $18,544,910, or 17.4 per cent of the total value of the products of the state. In 1890 there were 53 establishments reported, with 10,314 wage-earners, and products valued at $12,035,629. The increase in the value of products during the decade was $6,509,281, or 54.1 per cent.

The growth of the cotton manufactures in Georgia has attracted the attention of the whole country. Stimulated in the first instance by abundant raw material, it has also in some instances been encouraged by municipal exemption from taxation, while railroad companies, chambers of commerce, and other agencies have done much to attract capital to the industry from a distance. Cotton manufacturers of Massachusetts, New York, and Pennsylvania are now represented in the state by large mills recently constructed in Floyd and Polk counties, within a radius of 10 miles. Home capital also has been attracted by the profits of the industry, and by the salutary effect of the distribution of wages through the channels of trade. Cotton factories have benefited the farmers by providing a strong local market for cotton and a better demand for farm products, and, therefore, farmers are joining the business men as subscribers for the capital stock of the new corporations.

Another industry dependent upon the large cotton crop of the region is the manufacture of cottonseed oil and cake. There were 43 establishments engaged in this industry in 1900, with 1,591 wage-earners, and products valued at $8,064,112. In 1890 there were 17 establishments reported, with 751 wage-earners, and products valued at $1,670,196. The increase in the value of products during the decade was $6,393,916, or 382.8 per cent. The products of these mills include cottonseed meal, as well as oil and cake. Much of this meal is sold for the manufacture of fertilizers and used for this purpose by the mills themselves. A comparison of the products of these mills with the products of the cotton factories of the state indicates that the seed of the cotton plant contributes to the total value of products nearly one-half as much as the fiber.

Next in importance to cotton manufacturing is the manufacture of lumber and timber products. There were 1,254 establishments engaged in this industry in 1900, with 10,240 wage-earners, and products valued at $13,704,923. In 1890 there were 449 establishments reported, with 5,943 wage-earners, and products valued at $6,545,195. The increase in the value of products during the decade was $7,159,728, or 109.4 per cent. Long-leaf pine forests cover a considerable portion of the land surface in 80 counties, and lumber made from these trees finds a market in most of the states east of the Mississippi River, as well as in South America, the West Indies, and various parts of Europe.

Dependent also upon the forests of the state is the manufacture of turpentine and rosin. There were 524 establishments engaged in this industry in 1900, with 19,199 wage-earners, and products valued at $8,110,468. In 1890 there were 228 establishments reported, with 9,889 wage-earners, and products valued at $4,242,255. The increase in the value of products during the decade was $3,868,213, or 91.2 per cent. The value of the manufactured products of the forests of Georgia in 1900, including lumber and timber products and turpentine and rosin, was $21,815,391. This exceeds the value of cotton goods, but is less than the value of all the manufactured products of the cotton plant, including cottonseed oil and cake, which was $26,609,022. Thus the forests rank next to the cotton plant in their supply of raw material for the manufacturing industries of the state. By a system of forestry it is believed that the pine regions might be made to yield indefinitely. Wherever the sawmill has been in operation a few years the land is practically denuded of timber. The destruction is made more complete by the operations of turpentine farmers, who box and drain the sap of young trees which

would not be worth hauling to a sawmill, and by disastrous forest fires. Under these conditions, industries dependent upon the forests seem doomed to early extinction.

There were 1,123 establishments engaged in flour and grist milling in 1900, with 1,167 wage-earners, and products valued at $8,330,439. In 1890 there were 719 establishments reported, with 1,078 wage-earners, and products valued at $5,190,311. The increase in the value of products during the decade was $3,140,128, or 60.5 per cent. For some years the flouring and grist mills in Georgia felt very strongly the competition of large western establishments, but the wheat crop of the state is increasing, and within the past decade several costly plants have been erected.

There were 99 establishments engaged in the planing-mill industry in 1900, with 2,171 wage-earners, and products valued at $4,302,976. In 1890 there were 82 establishments reported, with 2,157 wage-earners, and products valued at $3,548,972. The increase in the value of products during the decade was $754,004, or 21.2 per cent.

There were 87 establishments engaged in the foundry and machine shop industry in 1900, with 2,384 wage-earners, and products valued at $3,506,427. In 1890 there were 52 establishments reported, with 1,632 wage-earners, and products valued at $2,272,653. The increase in the value of products during the decade was $1,233,774, or 54.3 per cent.

There were 41 establishments engaged in the manufacture of fertilizers in 1900, with 1,126 wage-earners, and products valued at $3,367,353. In 1890 there were 44 establishments reported, with 1,264 wage-earners, and products valued at $5,026,034. The decrease in the value of products during the decade, $1,658,681, or 33 per cent, is due to the lower price of commercial fertilizers in 1900, and to the fact that farmers bought fertilizing materials and mixed them at home.

There were 32 establishments engaged in the construction and repair shop work of steam railroads in 1900, with 3,175 wage-earners, and products valued at $3,062,283. In 1890 there were 11 establishments reported, with 966 wage-earners, and products valued at $892,610. The increase in the value of products during the decade was $2,169,673, or 243.1 per cent. This increase reflects the improvement of the railroads, for in 1894 three-fourths of the mileage of the state was in the hands of receivers.

There were 16 establishments engaged in the manufacture of hosiery and knit goods in 1900, with 1,208 wage-earners, and products valued at $1,230,801. In 1890 there were 4 establishments reported, with 338 wage-earners, and products valued at $166,850. The increase in the value of products during the decade was $1,063,951, or 637.7 per cent.

There were 14 establishments engaged in the manufacture of woolen goods in 1900, with 561 wage-earners, and products valued at $491,001. In 1890 there were 14 establishments reported, with 162 wage-earners, and products valued at $173,245. The increase in value of products during the decade was $317,756, or 183.4 per cent.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Atlanta, Augusta, Macon, and Savannah as returned at the censuses of 1890 and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, ATLANTA, AUGUSTA, MACON, AND SAVANNAH, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
The State	1900	7,504	$89,789,656	83,842	$20,290,071	$5,321,330	$58,232,202	$106,654,527
	1890	4,285	56,921,580	52,298	14,623,996	4,019,539	35,774,480	68,917,020
Per cent of increase		75.1	57.7	60.3	38.7	32.4	62.8	54.8
Atlanta	1900	390	16,045,156	9,356	3,103,989	1,352,444	8,563,524	16,707,027
	1890	410	9,508,962	7,957	3,206,285	987,623	5,914,571	13,074,037
Per cent of increase		[1] 4.9	68.7	17.6	[1] 3.2	36.9	44.8	27.8
Augusta	1900	383	8,990,989	7,092	1,806,654	617,178	6,234,176	10,041,900
	1890	440	7,770,688	5,714	1,689,941	526,539	5,430,871	9,244,850
Per cent of increase		[1] 13.0	15.7	24.1	6.9	17.2	14.8	8.6
Macon	1900	182	5,076,005	3,700	1,047,437	445,078	3,741,167	6,495,767
	1890	203	3,988,900	3,157	1,057,041	219,988	2,664,498	5,171,530
Per cent of increase		[1] 10.3	27.3	17.2	[1] 0.9	102.3	40.4	25.6
Savannah	1900	155	5,716,491	2,870	1,176,150	469,918	3,915,884	6,461,816
	1890	244	5,379,774	2,419	1,059,348	484,497	3,297,804	6,319,066
Per cent of increase		[1] 36.5	6.3	18.6	11.0	[1] 3.0	18.7	2.3
Total for 4 cities	1900	1,110	35,828,641	23,018	7,134,230	2,884,618	22,454,751	39,706,510
	1890	1,297	26,648,324	19,247	7,012,615	2,218,647	17,307,744	33,809,483
Per cent of increase		[1] 14.4	34.4	19.6	1.7	30.0	29.7	17.4
Per cent of 4 cities to total for state	1900	14.8	39.9	27.5	35.2	54.2	38.6	37.2
	1890	30.3	46.8	36.8	48.0	55.2	48.4	49.1

[1] Decrease.

It appears from Table 4 that there has been a considerable increase during the past decade in the manufactures of these cities. The average number of wage-earners increased from 19,247 to 23,018, or 19.6 per cent, and the value of products from $33,809,483 to $39,706,510, or 17.4 per cent, while the number of establishments decreased from 1,297 to 1,110, or 14.4 per cent. The increase in the number of wage-earners and in the value of products has been much smaller in these 4 cities than in the state as a whole. Atlanta, the leading manufacturing city of the state, shows the most rapid growth, the value of products having increased from $13,074,037 in 1890 to $16,707,027 in 1900, or 27.8 per cent. The average number of wage-earners increased from 7,957 to 9,356, or 17.6 per cent, but the number of establishments decreased from 410 to 390, or 4.9 per cent. The number of establishments, number of wage-earners, and value of products for this city constituted 5.2, 11.2, and 15.7 per cent, respectively, of the totals for the entire state.

Table 5 presents the totals for the manufacturing industries of the 17 cities and towns withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and towns, and shows their rank in population, and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	PRODUCTS.			POPULATION.		
				Average number.	Total wages.			Value.	Rank.	Per cent of total.	Total.	Rank.	Per cent of total.
Total for state	7,504	$89,789,656	8,828	83,842	$20,290,071	$5,321,330	$58,232,202	$106,654,527	-------	100.0	2,216,331	-------	100.0
Total for urban manufactures	1,716	49,989,155	1,732	35,475	10,238,946	3,717,695	32,154,392	56,592,855	-------	53.1	292,833	-------	13.2
Americus	47	393,736	48	544	202,533	27,356	313,395	664,706	16	0.6	7,674	8	0.3
Athens	69	801,744	71	844	175,183	42,030	553,201	950,234	11	0.9	10,245	6	0.5
Atlanta	390	16,045,156	386	9,356	3,103,989	1,352,444	8,563,524	16,707,027	1	15.7	89,872	1	4.1
Augusta	383	8,990,989	374	7,092	1,806,654	617,178	6,234,176	10,041,900	2	9.4	39,441	3	1.8
Barnesville	16	528,408	15	572	117,703	23,162	596,399	1,024,949	10	1.0	3,036	17	0.1
Brunswick	73	423,826	76	550	247,516	39,144	551,817	1,171,378	8	1.1	9,081	7	0.4
Cartersville	26	93,908	28	75	15,827	5,266	54,151	115,941	17	0.1	3,135	15	0.1
Columbus	134	5,687,392	150	4,810	1,200,360	409,280	3,530,786	6,031,699	5	5.7	17,614	5	0.8
Dalton	28	734,234	38	752	127,750	28,289	981,967	1,365,159	7	1.3	4,315	13	0.2
Gainesville	37	282,712	48	500	126,097	17,991	448,693	687,129	14	0.6	4,382	12	0.2
Griffin	29	1,407,562	28	1,021	229,790	44,981	561,874	1,079,133	9	1.0	6,857	10	0.3
La Grange	24	956,899	22	709	131,684	38,405	459,966	783,867	12	0.7	4,274	14	0.2
Macon	182	5,076,005	173	3,700	1,047,437	445,078	3,741,167	6,495,767	3	6.1	23,272	4	1.1
Marietta	32	697,254	33	680	179,457	37,974	385,439	762,688	13	0.7	4,446	11	0.2
Newnan	27	824,721	27	456	102,567	43,451	403,963	679,189	15	0.6	3,654	15	0.2
Rome	64	1,328,118	58	944	248,249	75,798	857,990	1,570,273	6	1.5	7,291	9	0.3
Savannah	155	5,716,491	157	2,870	1,176,150	469,918	3,915,884	6,461,816	4	6.1	54,244	2	2.4
Total for state exclusive of urban manufactures	5,788	39,800,501	7,096	48,367	10,051,125	1,603,635	26,077,810	50,061,672	-------	46.9	1,923,498	-------	86.8
Per cent of urban manufactures to total for state	22.9	55.7	19.6	42.3	50.5	69.9	55.2	53.1	-------	-------	13.2	-------	-------

Of the 7,504 establishments in the state, 1,716, or 22.9 per cent, were located in these 17 cities and towns. They furnished employment to 35,475 wage-earners, or 42.3 per cent of the total number, and the value of their products, $56,592,855, formed 53.1 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Atlanta, Augusta, Macon, and Savannah by specified industries.

Table 9 shows the totals for the cities and towns withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

	COUNTIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	7,504	$89,789,656	$10,992,824	$13,290,214	$32,830,482	$32,676,136	8,828	4,203	$3,354,946	83,842	$20,290,071
2	Appling	76	481,713	227,495	39,233	157,580	57,405	94	35	14,860	829	170,593
3	Baker	20	69,380	24,240	7,775	18,875	18,490	24	18	8,375	304	67,911
4	Baldwin	39	229,480	31,000	45,855	74,710	77,915	42	22	13,567	200	36,086
5	Banks	45	54,025	16,905	7,747	24,275	5,098	54	------	------	71	11,555
6	Bartow	76	414,517	108,497	44,540	137,661	123,819	100	21	12,799	270	61,271
7	Berrien	91	730,026	235,748	62,519	261,988	169,771	120	51	25,964	1,302	291,928
8	Bibb	200	5,605,919	346,871	949,012	1,810,211	2,499,825	192	278	289,330	4,122	1,143,615
9	Brooks	45	390,015	137,038	26,740	159,216	67,021	53	22	15,892	585	131,079
10	Bryan	25	81,415	27,187	4,864	29,691	19,673	37	18	5,970	394	67,741
11	Bulloch	99	346,943	81,166	34,188	148,528	83,061	128	55	24,105	1,475	262,339
12	Burke	55	162,794	10,294	34,815	89,475	28,210	62	7	3,293	154	31,438
13	Butts	44	305,655	30,745	71,037	134,696	69,177	45	10	5,960	341	62,080
14	Calhoun	35	113,805	23,007	12,065	60,752	17,981	42	12	6,290	206	37,917
15	Camden	13	160,929	66,757	13,282	22,356	58,534	16	31	17,385	551	93,696
16	Campbell	31	241,472	13,895	42,675	87,855	97,047	41	14	3,350	211	41,482
17	Carroll	116	401,398	63,155	68,060	201,726	68,457	150	16	5,658	248	48,869
18	Catoosa	24	25,778	3,360	6,040	13,540	2,838	28	------	------	33	5,950
19	Charlton	10	95,687	34,162	3,025	33,600	24,900	12	10	3,580	220	43,670
20	Chatham	170	6,415,430	706,200	1,042,803	1,583,946	3,082,481	174	239	247,415	3,527	1,312,872
21	Chattahoochee	14	24,432	4,282	1,800	16,800	1,550	18	1	240	56	9,841
22	Chattooga	48	1,178,715	60,732	195,955	672,386	249,642	52	41	28,211	859	141,353
23	Cherokee	49	177,546	61,240	14,180	54,438	47,688	60	4	3,212	118	27,115
24	Clarke	83	1,088,649	48,110	111,286	431,666	497,587	85	47	31,231	1,166	225,370
25	Clay	26	114,455	8,915	13,950	44,605	46,985	27	5	1,510	75	13,329
26	Clayton	34	49,300	3,015	9,737	29,630	6,918	39	------	------	60	11,421
27	Clinch	50	297,685	93,251	26,427	108,647	69,360	82	55	23,360	1,548	287,481
28	Cobb	109	1,197,706	83,171	205,417	387,509	521,609	125	59	48,579	1,195	267,027
29	Coffee	63	1,231,048	600,786	77,694	377,856	174,712	92	55	29,690	1,678	392,219
30	Colquitt	62	1,056,114	344,720	81,186	373,070	257,138	102	82	43,514	1,425	309,037
31	Columbia	17	31,629	10,591	2,140	14,870	4,028	17	1	260	38	6,337
32	Coweta	86	1,011,076	54,502	142,010	285,644	528,920	97	41	29,015	649	131,224
33	Crawford	33	56,365	11,410	10,620	26,070	8,265	43	------	------	99	17,908
34	Dade	23	115,396	5,660	11,715	86,255	11,766	22	6	4,560	74	18,188
35	Dawson	31	35,865	7,970	7,215	17,395	3,285	37	------	------	17	2,388
36	Decatur	80	1,080,867	460,517	97,780	281,826	240,744	106	76	42,710	2,056	407,176
37	Dekalb	50	775,234	59,905	168,239	122,910	424,180	58	24	34,145	423	151,187
38	Dodge	43	247,418	25,325	13,740	115,373	92,980	54	19	14,335	447	112,700
39	Dooly	59	650,910	111,090	42,540	269,648	227,632	82	19	8,284	830	186,422
40	Dougherty	43	400,136	67,987	63,132	178,660	90,357	48	35	28,334	409	88,444
41	Douglas	41	44,123	4,506	6,665	23,315	9,637	49	6	768	48	8,801
42	Early	53	428,480	141,515	37,605	162,545	86,815	73	27	13,280	785	174,304
43	Echols	11	77,960	42,525	6,325	14,120	14,990	16	14	3,542	236	51,910
44	Effingham	29	208,727	57,905	14,098	101,254	35,470	37	17	9,836	471	95,729
45	Elbert	51	466,345	47,793	63,947	218,221	136,384	61	14	9,965	449	75,793
46	Emanuel	58	416,662	83,043	51,123	131,369	146,127	69	41	20,352	1,020	198,617
47	Fannin	39	90,463	9,123	17,255	29,141	34,944	42	5	4,020	140	52,356
48	Fayette	24	57,907	26,403	7,090	23,110	1,304	35	------	------	31	5,125
49	Floyd	137	3,198,628	244,041	771,674	930,507	1,252,406	143	94	96,425	2,229	565,952
50	Forsyth	19	16,455	2,015	3,120	9,945	1,375	24	------	------	16	2,472
51	Franklin	64	111,812	11,023	26,113	65,480	9,196	81	11	2,765	109	19,841
52	Fulton	441	19,188,286	1,439,348	2,221,946	7,527,496	7,999,496	433	909	969,826	10,803	8,494,947
53	Gilmer	46	167,563	73,279	16,595	43,305	34,384	52	4	1,760	68	11,317
54	Glascock	4	7,250	750	900	5,600	------	6	1	275	10	1,969
55	Glynn	84	677,559	137,337	102,758	206,922	230,542	89	33	24,514	894	343,361
56	Gordon	44	89,143	9,135	18,725	47,025	14,258	57	1	100	62	11,020
57	Greene	46	120,088	7,650	17,902	79,316	15,220	62	9	1,764	140	20,847
58	Gwinnett	92	437,076	15,221	45,820	137,715	238,320	113	33	22,760	665	108,965
59	Habersham	64	497,750	37,055	92,475	218,292	149,928	64	17	14,105	490	80,222
60	Hall	85	365,460	52,288	50,220	136,445	126,507	104	23	14,986	597	143,644
61	Hancock	36	70,532	5,135	13,300	36,822	15,275	41	2	370	81	11,610
62	Haralson	61	180,503	17,470	20,765	67,475	74,793	82	10	5,750	216	65,709
63	Harris	42	308,756	26,412	74,595	160,750	46,999	50	12	2,832	203	35,689
64	Hart	36	240,690	26,655	58,850	114,475	40,710	47	13	6,421	232	38,022
65	Heard	43	69,091	18,321	9,465	36,470	4,835	48	3	165	47	9,688
66	Henry	49	116,566	11,456	29,235	48,365	27,510	72	5	577	86	16,558
67	Houston	37	208,774	12,925	28,500	75,162	92,187	44	11	5,930	217	40,324
68	Irwin	79	743,944	318,435	42,819	290,259	92,431	102	34	21,380	948	216,055
69	Jackson	79	308,548	11,155	57,330	131,368	108,695	93	13	4,968	312	52,498
70	Jasper	38	53,684	2,331	6,305	31,458	13,590	45	1	600	65	14,158
71	Jefferson	37	59,768	7,830	13,043	32,928	5,967	44	8	2,620	107	21,877
72	Johnson	32	77,646	19,663	5,680	36,243	16,060	46	13	3,769	245	40,752
73	Jones	19	89,140	21,585	22,880	38,135	6,540	23	2	310	28	4,949
74	Laurens	83	437,185	63,449	40,501	160,635	172,600	95	20	11,790	603	132,974
75	Lee	33	109,380	42,220	11,200	38,430	17,530	35	18	5,620	127	25,503
76	Liberty	42	144,287	41,277	15,835	56,643	30,532	55	34	13,374	790	163,925

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
66,540	$17,582,519	10,929	$2,015,852	6,373	$691,700	$5,321,330	$473,942	$640,949	$3,993,762	$212,677	$58,232,202	$56,793,964	$1,438,238	$106,654,527	1
794	167,338	1	50	34	3,205	8,806	112	2,207	6,487	----------	327,902	326,252	1,650	693,706	2
302	67,411	2	500	----------	----------	1,730	185	438	1,107	----------	62,221	61,501	720	171,314	3
193	34,963	3	831	4	292	12,856	1,832	2,379	8,645	----------	200,773	189,953	10,820	324,234	4
69	11,335	----------	----------	2	220	1,123	309	483	331	----------	58,395	57,925	470	101,162	5
253	59,409	8	975	9	887	12,693	1,715	2,820	7,742	416	530,912	519,626	11,286	764,661	6
1,271	288,128	4	820	27	2,980	15,417	1,704	5,074	8,639	----------	450,128	448,886	1,242	1,063,225	7
3,051	968,770	745	129,849	326	44,996	464,916	37,433	41,829	358,839	26,815	3,949,059	3,824,447	124,612	6,901,219	8
572	130,036	----------	----------	13	1,043	7,328	425	1,171	5,732	----------	236,527	234,817	1,710	462,572	9
389	67,428	1	63	4	250	7,398	435	851	2,037	4,075	104,806	104,284	522	246,408	10
1,466	261,433	2	350	7	556	12,263	1,037	2,002	9,000	224	271,377	268,319	3,058	767,917	11
153	30,988	1	450	----------	----------	10,626	681	992	8,953	----------	145,259	136,651	8,608	277,661	12
159	41,656	75	9,165	107	11,259	10,493	445	1,934	8,114	----------	253,699	246,046	7,653	417,976	13
204	37,812	----------	----------	2	105	6,050	148	923	3,749	1,230	114,151	112,122	2,029	224,438	14
551	93,696	----------	----------	----------	----------	8,540	400	847	6,493	800	100,808	100,263	545	263,687	15
119	28,481	47	7,915	45	5,086	13,593	210	802	12,581	----------	235,828	230,493	5,335	338,386	16
166	37,941	43	8,068	39	2,860	12,266	1,480	2,978	7,804	4	299,304	293,168	6,136	458,138	17
31	5,779	----------	----------	2	171	397	160	151	86	----------	46,048	45,547	501	74,874	18
214	42,990	----------	----------	6	680	1,272	----------	674	498	100	59,556	59,355	201	146,792	19
3,334	1,288,039	149	22,607	44	2,226	495,437	66,792	52,061	374,384	2,200	4,205,324	4,102,999	102,325	6,967,783	20
56	9,841	----------	----------	----------	----------	252	94	133	25	----------	36,012	35,908	104	63,237	21
326	69,537	281	47,008	252	24,808	24,040	423	5,765	17,652	200	527,047	515,764	11,283	868,829	22
111	25,949	3	805	4	361	13,865	944	528	12,393	----------	93,298	88,402	4,896	165,888	23
573	149,925	312	50,552	281	24,893	72,959	6,638	8,511	57,630	180	811,083	790,679	20,404	1,348,746	24
72	13,107	----------	----------	3	222	2,870	408	737	1,725	----------	121,377	117,357	4,020	193,970	25
54	10,971	----------	----------	6	450	1,385	154	424	807	----------	52,623	51,713	910	87,109	26
1,536	286,245	----------	----------	12	1,236	10,656	----------	1,494	9,162	----------	162,762	159,593	3,169	627,726	27
801	216,295	184	28,882	210	21,850	91,258	4,237	8,726	75,149	3,146	769,732	750,219	19,513	1,372,759	28
1,672	391,235	2	144	4	840	29,330	965	8,102	20,263	----------	384,315	383,185	1,130	1,147,209	29
1,418	307,977	4	500	3	560	26,801	450	5,141	20,885	325	415,803	414,460	1,343	1,044,450	30
33	5,687	----------	----------	5	650	414	138	244	32	----------	14,661	14,426	235	30,632	31
445	105,114	104	16,660	100	9,450	48,543	1,887	7,677	38,789	190	530,567	517,629	12,938	893,274	32
99	17,908	----------	----------	----------	----------	870	12	389	469	----------	49,126	48,154	972	104,455	33
73	18,133	----------	----------	1	55	16,688	20	467	11,158	5,043	86,159	84,864	1,295	131,878	34
17	2,383	----------	----------	----------	----------	658	42	311	280	25	46,229	46,024	205	60,193	35
1,620	370,170	357	31,030	79	5,976	59,448	700	5,278	30,670	22,800	738,575	734,144	4,431	1,718,734	36
405	148,562	6	1,125	12	1,500	53,538	3,428	4,288	35,322	10,500	362,437	347,926	14,511	697,762	37
435	110,972	----------	----------	12	1,728	11,081	415	1,763	5,403	3,500	200,169	198,957	1,212	503,098	38
821	185,672	----------	----------	9	750	15,256	1,098	3,590	10,475	93	458,008	452,320	5,688	890,696	39
389	85,934	6	1,304	14	1,206	29,767	4,148	3,747	21,422	450	225,467	203,678	21,789	480,545	40
46	8,701	----------	----------	2	100	1,347	723	350	274	----------	47,733	46,932	801	81,615	41
780	173,524	1	300	4	480	6,648	428	2,941	3,279	----------	371,081	369,940	1,141	1,286,408	42
236	51,910	----------	----------	----------	----------	4,530	----------	470	4,060	----------	30,195	29,405	790	107,568	43
460	94,757	3	384	8	588	10,728	480	1,250	8,998	----------	165,116	164,888	228	348,641	44
253	53,214	92	12,675	104	9,904	14,430	1,064	3,028	10,288	50	291,199	278,842	12,357	482,670	45
1,008	197,294	6	912	6	411	12,094	916	2,206	8,487	485	269,052	267,528	1,524	624,234	46
140	52,356	----------	----------	----------	----------	1,645	128	1,048	469	----------	62,602	61,870	732	141,654	47
28	4,878	----------	----------	3	247	539	95	241	203	----------	31,946	30,814	1,132	47,938	48
1,606	466,750	314	68,024	309	31,178	141,175	9,220	21,184	110,771	----------	1,622,111	1,482,764	139,347	2,982,674	49
16	2,472	----------	----------	----------	----------	413	90	117	206	----------	21,727	21,461	266	33,788	50
104	19,330	----------	----------	5	511	2,997	463	881	1,653	----------	119,148	115,497	3,651	189,027	51
7,756	2,945,527	2,195	434,558	852	114,862	1,571,669	150,690	108,806	1,256,127	56,046	10,748,684	10,495,421	253,263	20,049,206	52
66	11,092	----------	----------	2	225	3,455	168	608	2,679	----------	88,103	87,983	120	167,275	53
10	1,969	----------	----------	----------	----------	215	----------	65	150	----------	4,393	4,188	205	13,901	54
875	339,777	6	1,970	13	1,614	48,085	12,095	8,348	20,272	7,370	820,312	809,756	10,556	1,678,025	55
62	11,020	----------	----------	----------	----------	2,149	771	654	720	4	170,423	168,097	2,326	230,157	56
73	12,958	41	6,024	26	1,865	5,403	509	728	2,991	1,175	92,447	87,718	4,729	163,626	57
550	93,959	29	3,798	86	11,208	13,486	457	2,013	11,016	----------	859,503	854,083	5,420	1,190,643	58
286	57,277	104	13,832	100	9,113	22,743	462	2,245	18,916	1,120	224,461	219,065	5,396	462,429	59
487	129,504	45	7,525	65	6,615	20,171	4,373	3,539	12,194	65	553,985	540,090	13,895	855,686	60
70	10,885	4	250	7	475	1,938	631	525	682	100	51,266	49,620	1,646	86,085	61
199	60,959	1	360	16	4,390	8,997	777	1,237	6,033	950	131,766	114,298	17,468	277,391	62
110	23,592	40	7,774	53	4,323	3,409	136	1,172	2,101	----------	126,199	123,766	2,433	285,234	63
83	17,385	43	8,493	106	12,144	5,927	212	906	4,809	----------	129,195	125,163	4,032	233,479	64
47	9,688	----------	----------	----------	----------	859	148	627	84	----------	67,013	66,059	954	102,259	65
58	10,658	23	5,500	5	400	4,493	590	798	3,105	----------	79,327	76,007	3,320	147,113	66
214	39,849	----------	----------	3	475	6,087	494	1,193	4,400	----------	95,248	93,540	1,708	208,650	67
923	213,589	8	982	17	1,484	9,531	1,451	3,361	4,426	293	303,491	301,193	2,298	702,820	68
200	40,201	52	8,450	60	3,847	6,953	1,210	2,334	3,409	----------	251,067	245,527	5,540	413,302	69
56	13,048	4	600	5	510	1,816	632	305	779	100	51,553	49,535	2,018	99,636	70
107	21,877	----------	----------	----------	----------	1,713	96	815	802	----------	47,351	46,371	980	98,277	71
245	40,752	----------	----------	----------	----------	4,808	249	1,318	3,241	----------	75,443	74,248	1,195	176,574	72
24	4,457	2	216	2	276	318	35	152	131	----------	32,083	31,298	785	50,204	73
592	131,669	5	530	6	775	10,777	1,036	4,254	5,467	20	242,058	236,700	5,358	581,839	74
124	25,398	----------	----------	3	105	1,744	451	430	863	----------	85,868	85,105	763	177,439	75
790	163,925	----------	----------	----------	----------	9,272	851	1,272	4,129	3,020	118,813	115,044	3,769	382,317	76

TABLE 6.—MANUFACTURES

	Counties and manufacturing and mechanical industries.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
77	Lincoln	13	$25,570	$1,705	$6,735	$14,830	$2,300	18	1	$30	15	$2,368
78	Lowndes	97	650,512	90,751	54,332	238,689	266,740	117	51	29,810	906	191,111
79	Lumpkin	36	41,310	13,321	5,981	19,015	2,993	45	1	240	34	5,560
80	McDuffie	27	36,253	3,188	6,785	18,755	7,525	31	5	508	42	7,355
81	McIntosh	11	179,291	27,637	15,745	30,379	105,530	7	19	13,300	289	69,128
82	Macon	35	62,191	21,650	4,955	28,940	6,646	40	4	1,910	75	14,189
83	Madison	38	66,698	8,053	10,255	30,910	17,480	56	4	320	41	6,853
84	Marion	23	30,995	2,370	7,675	15,650	5,300	26	4	1,235	46	9,062
85	Meriwether	61	259,056	27,931	42,860	146,990	41,275	89	11	6,990	145	33,237
86	Miller	15	126,453	57,721	6,906	23,048	38,778	20	10	4,560	340	71,559
87	Milton	22	19,815	745	3,730	14,075	1,265	36	1	100	18	2,381
88	Mitchell	25	235,610	121,365	19,595	69,940	24,710	33	16	7,480	197	43,455
89	Monroe	49	324,693	13,310	66,520	177,702	67,161	58	7	4,611	195	41,548
90	Montgomery	52	621,588	172,193	55,173	271,903	122,319	85	41	19,067	1,024	207,900
91	Morgan	42	163,706	6,576	27,966	82,948	46,216	48	14	4,893	97	25,454
92	Murray	27	39,632	13,840	6,490	15,785	4,017	32	1	400	41	5,694
93	Muscogee	151	5,729,012	339,233	841,143	1,775,417	2,773,219	171	197	193,015	4,883	1,221,157
94	Newton	71	799,620	54,735	108,789	372,927	263,169	83	13	8,254	477	75,636
95	Oconee	27	120,090	5,085	20,675	81,505	12,825	33	7	3,130	97	19,854
96	Oglethorpe	56	114,434	5,352	18,845	72,180	18,057	56	12	1,958	75	14,061
97	Paulding	50	63,823	8,340	7,155	35,523	12,805	53	3	720	168	24,165
98	Pickens	39	276,911	26,686	37,420	101,263	111,542	46	15	12,360	189	46,851
99	Pierce	22	432,314	194,075	35,089	113,767	89,383	24	15	9,005	408	87,773
100	Pike	54	586,563	24,105	78,220	206,570	277,668	54	29	22,220	610	125,595
101	Polk	65	1,417,455	141,441	481,750	562,085	232,179	66	37	31,245	1,054	198,830
102	Pulaski	44	186,584	25,915	12,765	57,725	90,179	54	11	5,030	278	60,351
103	Putnam	28	42,460	3,535	13,675	19,540	5,710	29	1	150	42	7,389
104	Quitman	6	4,935	1,345	780	2,350	460	7	----	----	6	1,290
105	Rabun	23	8,620	1,370	2,095	4,145	1,010	25	----	----	14	1,693
106	Randolph	35	61,960	10,210	8,965	34,835	7,950	46	4	710	54	10,556
107	Richmond	403	9,030,679	912,689	1,908,626	3,810,969	2,898,395	394	265	278,936	7,206	1,827,795
108	Rockdale	28	41,945	4,580	9,350	24,480	3,535	35	1	900	46	10,062
109	Schley	11	14,185	355	3,235	9,665	930	12	1	120	9	1,279
110	Screven	59	259,643	116,708	24,648	56,017	62,270	71	16	7,296	640	116,747
111	Spalding	49	1,438,257	21,665	248,150	654,708	513,734	52	29	28,089	1,039	234,082
112	Stewart	36	117,049	18,108	28,166	47,485	23,290	42	8	1,980	76	14,518
113	Sumter	93	502,194	60,403	63,980	248,393	129,418	98	34	25,518	624	215,580
114	Talbot	24	108,168	43,228	13,880	31,885	19,175	33	4	1,850	74	13,581
115	Taliaferro	22	30,055	4,620	7,655	16,555	1,225	24	2	187	17	2,660
116	Tattnall	102	430,810	152,097	49,449	135,299	93,965	127	48	28,128	1,259	258,431
117	Taylor	29	130,424	9,255	16,843	69,994	34,332	34	5	2,175	145	25,686
118	Telfair	49	208,827	73,764	15,875	69,743	49,445	79	24	8,116	635	137,043
119	Terrell	61	168,977	14,110	32,362	95,115	27,390	77	19	9,124	263	61,968
120	Thomas	117	889,950	54,247	33,661	181,470	120,572	154	26	10,630	1,049	213,505
121	Towns	17	12,485	2,950	2,130	3,870	3,535	24	1	225	15	3,088
122	Troup	69	1,223,711	60,965	182,039	605,827	374,880	65	25	19,106	934	190,345
123	Twiggs	15	17,745	1,020	4,810	11,515	400	16	----	----	23	4,118
124	Union	20	18,415	1,915	4,250	9,000	3,250	21	1	500	17	3,063
125	Upson	32	201,366	28,982	27,330	77,025	68,029	28	11	5,360	113	28,407
126	Walker	44	1,823,005	78,307	283,459	491,978	969,261	89	37	39,959	780	147,259
127	Walton	71	910,150	14,951	175,779	339,000	380,420	70	27	25,118	745	126,099
128	Ware	78	327,369	55,941	34,600	158,076	78,752	89	50	26,790	800	214,041
129	Warren	35	87,301	3,325	19,710	48,858	15,408	42	4	1,700	137	27,452
130	Washington	69	171,926	24,435	22,395	72,620	52,476	82	15	4,580	259	51,499
131	Wayne	38	137,273	51,406	12,037	46,218	27,612	57	15	7,750	446	100,997
132	Webster	12	11,405	695	3,000	7,250	460	13	----	----	10	1,407
133	White	22	18,195	1,495	3,505	12,185	1,010	25	----	----	13	2,773
134	Whitfield	61	811,960	27,285	120,795	366,917	296,963	88	31	19,985	859	148,815
135	Wilcox	41	470,294	80,199	16,225	213,687	160,183	63	30	18,665	803	157,742
136	Wilkes	48	161,620	13,013	26,805	77,110	44,692	57	13	5,422	113	27,042
137	Wilkinson	28	76,369	16,495	8,190	47,842	3,842	35	3	800	83	14,411
138	Worth	72	676,592	216,158	42,509	237,655	180,270	92	37	20,184	910	190,784

TABLE 7.—MANUFACTURES BY

1	All industries	7,504	$89,789,656	$10,992,824	$13,290,214	$32,830,482	$32,676,136	8,828	4,203	$3,354,946	83,842	$20,290,071
2	Agricultural implements	10	454,988	101,980	33,750	70,552	243,706	10	23	30,884	360	99,951
3	Awnings, tents, and sails	3	12,825	500	1,500	475	10,350	6	2	2,000	11	4,545
4	Baking and yeast powders	3	40,100	500	1,500	2,600	35,500	2	9	9,520	27	4,486
5	Baskets, and rattan and willow ware	4	52,850	8,150	6,000	22,000	16,700	5	2	880	44	11,170
6	Bicycle and tricycle repairing	58	50,597	2,160	1,915	20,512	26,010	68	9	4,886	84	24,987
7	Blacksmithing and wheelwrighting	621	386,482	70,059	62,534	97,919	155,970	719	4	1,556	572	160,928
8	Boots and shoes, custom work and repairing.	169	33,682	1,555	3,835	12,406	15,886	178	1	600	131	40,595
9	Boots and shoes, factory product	5	90,700	1,500	6,500	23,400	59,300	10	9	3,200	250	66,000
10	Boxes, fancy and paper	3	72,017	5,000	----	22,964	44,053	4	12	13,576	123	29,125
11	Boxes, wooden packing	7	187,170	13,660	23,204	45,955	104,361	3	19	9,630	274	56,164

BY COUNTIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
12	$2,168			3	$200	$448	$36	$142	$270		$22,748	$22,586	$162	$32,418	77
891	188,226	9	$2,250	6	635	31,648	4,495	4,303	11,320	$11,530	506,340	502,146	4,194	1,006,569	78
31	5,205	1	75	2	280	1,554	950	274	330		35,456	35,251	205	60,587	79
37	6,700	1	275	4	380	1,422	484	352	580	6	29,104	28,121	983	52,423	80
286	68,828			3	300	2,413	278	655	1,405	75	80,649	79,729	920	221,230	81
75	14,189					1,878	1,108	364	406		33,529	32,568	961	76,951	82
40	6,803			1	50	1,147	207	585	355		72,355	71,505	850	105,543	83
43	8,860			3	202	1,170	666	191	313		17,397	16,864	533	68,165	84
141	32,392	2	505	2	340	39,114	254	1,736	37,069	55	308,342	303,739	4,603	471,029	85
339	71,463			1	96	1,372	60	716	596		57,877	57,424	453	175,200	86
16	2,216			2	165	416	59	157	200		20,143	19,526	617	33,204	87
197	43,455					4,874	48	878	3,948		118,917	115,044	3,873	204,726	88
121	31,988	28	3,914	46	5,646	8,841	490	2,260	6,091		294,575	286,066	8,509	423,308	89
1,008	206,542			16	1,358	17,701	2,311	3,088	12,012	290	352,757	349,101	3,656	854,108	90
94	25,154	1	200	2	100	15,287	1,250	1,243	12,794		85,146	81,605	3,541	155,288	91
41	5,694					1,140	114	356	670		29,392	29,085	307	44,589	92
2,850	807,017	1,591	365,921	442	48,219	413,054	19,411	42,940	350,243	460	3,688,560	3,601,287	87,273	6,267,037	93
289	43,275	126	19,391	62	12,970	23,666	1,042	7,578	14,996	50	337,162	335,213	1,949	526,464	94
66	13,242	15	3,500	16	3,112	1,574	482	470	622		116,561	115,066	1,495	164,910	95
73	13,861			2	200	3,816	765	1,436	1,615		116,837	112,937	3,900	164,951	96
162	23,600			6	565	3,430	570	724	336	1,800	72,452	71,197	1,255	149,227	97
171	45,421	14	1,280	4	150	25,804	152	570	25,082		110,701	106,146	4,555	240,486	98
402	86,737			6	1,036	8,788	2,691	1,515	4,582		244,465	242,447	2,018	418,779	99
299	89,760	195	26,519	116	9,316	28,204	899	5,001	22,054	250	639,945	629,403	10,542	1,105,657	100
600	135,840	249	39,386	205	23,604	59,591	3,481	6,863	49,247		823,342	775,185	48,157	1,219,628	101
271	58,576	5	1,700	2	75	9,926	979	1,099	7,723	125	154,191	152,142	2,049	345,797	102
31	6,109	6	780	5	500	1,847	739	919	189		118,167	117,471	696	154,623	103
6	1,290					51		51			13,324	13,274	50	16,736	104
12	1,213	2	480			208	61	84	61	2	18,007	17,957	50	24,838	105
49	9,501	2	680	3	375	1,957	630	560	767		31,129	29,661	1,468	68,108	106
4,455	1,375,126	2,081	382,634	670	70,035	638,889	64,649	117,881	451,259	5,100	6,261,901	6,119,250	142,651	10,129,332	107
37	8,772	3	555	6	735	3,774	665	347	2,729	33	41,884	40,231	1,653	73,578	108
8	1,179			1	100	198	24	142	32		3,152	2,802	350	10,701	109
637	116,323			3	424	10,269	431	1,511	3,327	5,000	98,775	96,475	2,300	318,866	110
540	151,068	263	55,358	236	27,656	45,758	1,032	9,181	35,495	50	584,341	562,016	22,325	1,122,832	111
72	13,901			4	617	3,352	519	933	1,795	105	73,809	71,434	2,375	121,020	112
604	212,482	14	2,470	6	628	28,215	4,651	5,607	17,957		396,188	381,281	14,907	785,771	113
73	13,408	1	173			2,451	325	641	1,485		44,216	42,322	1,894	78,028	114
15	2,320	1	100	1	240	329	81	170	78		29,328	28,719	609	44,795	115
1,254	257,951			5	480	22,687	460	2,993	9,214	10,020	388,768	387,344	1,424	957,683	116
95	19,763	25	3,742	25	2,181	4,455	75	1,387	2,993		131,028	129,837	1,191	195,529	117
619	135,043			16	2,000	3,346	345	1,009	1,692	300	135,048	131,844	3,204	369,465	118
245	58,918	10	2,000	8	1,050	7,435	1,785	1,625	4,025		224,387	218,151	6,236	382,099	119
1,038	212,503	5	704	6	298	17,146	3,917	1,951	7,198	4,080	256,062	246,570	9,492	703,388	120
15	3,088					298	90	91	117		17,814	17,647	167	28,182	121
509	130,392	201	35,545	224	24,408	48,949	3,772	7,166	37,781	230	691,050	667,165	23,885	1,148,168	122
23	4,118					408	100	173	135		13,889	13,464	425	23,538	123
17	3,063					254	25	126	103		26,043	26,013	30	36,463	124
88	22,148	14	4,510	11	1,749	7,746	350	1,309	6,087		105,090	102,532	2,558	162,126	125
389	89,022	246	42,753	145	15,484	49,706	298	5,801	43,357	250	841,195	831,178	10,017	1,249,261	126
378	85,081	175	26,188	192	14,830	42,557	743	5,972	29,706	6,136	498,396	482,314	16,082	812,729	127
761	207,737	18	4,515	21	1,789	27,942	2,078	2,750	11,314	11,800	229,766	222,440	7,326	649,972	128
88	19,257	29	6,296	20	1,899	3,951	398	451	3,102		124,852	121,128	3,724	202,447	129
244	49,109	6	1,740	9	650	5,915	932	1,555	3,428		135,507	130,395	5,112	261,681	130
441	100,229			5	768	3,055	828	685	1,956	86	93,059	91,693	1,366	268,914	131
10	1,407					127		105	22		11,472	11,327	145	16,561	132
18	2,773					293	15	185	93		37,716	37,607	109	50,762	133
406	93,689	224	35,828	229	19,298	32,475	3,460	7,351	19,964	1,700	1,143,425	1,130,013	13,412	1,612,388	134
796	156,778			7	964	9,941	1,209	1,269	7,458	5	309,253	307,923	1,330	654,179	135
109	26,117	4	925			4,901	1,881	1,330	1,665	25	114,997	106,263	8,734	197,924	136
83	14,411					694	435	76	183		58,002	57,693	309	107,086	137
889	188,567	4	150	17	2,067	6,026	322	2,714	2,990		342,730	341,275	1,455	769,358	138

SPECIFIED INDUSTRIES: 1900.

66,540	$17,582,519	10,929	$2,015,852	6,373	$691,700	$5,321,330	$473,942	$640,949	$3,993,762	$212,677	$58,232,202	$56,793,964	$1,438,238	$106,654,527	1
354	99,423			6	528	33,864	780	3,309	29,775		437,799	429,626	8,173	737,652	2
8	3,510	3	1,035			832	397	115	320		14,025	14,020	5	32,540	3
12	2,344	15	2,142			4,433	840	373	3,220		82,355	81,795	560	118,000	4
26	8,220	5	400	13	2,550	735	100	170	465		4,191	3,706	485	34,095	5
79	24,507			5	480	12,095	8,487	1,037	2,447	124	39,130	37,515	1,615	115,345	6
563	160,223			9	705	33,494	23,047	4,062	5,936	449	225,675	208,277	17,398	777,521	7
125	40,032	2	354	4	209	15,341	13,416	571	1,354		64,886	63,975	911	197,912	8
190	55,600	40	7,400	20	3,000	7,859	1,810	1,024	5,025		255,695	254,445	1,250	346,259	9
30	13,145	83	14,980	10	1,000	5,654	2,320	400	2,934		26,310	25,630	680	122,125	10
216	50,691	1	195	57	5,278	9,643		680	8,963		76,249	76,080	169	194,881	11

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
12	Bread and other bakery products	62	$233,200	$45,850	$75,400	$41,805	$70,145	64	21	$13,734	241	$82,248
13	Brick and tile	70	1,045,179	257,732	213,320	239,455	334,672	77	59	45,745	1,701	347,297
14	Brooms and brushes	14	37,825	3,920	6,925	5,015	21,965	12	2	1,380	81	17,980
15	Carpentering	87	177,333	14,625	22,690	26,945	113,073	100	4	3,900	848	301,426
16	Carriages and wagons	132	847,426	84,698	121,334	107,339	534,055	166	39	31,024	830	261,856
17	Cars and general shop construction and repairs by steam railroad companies.	32	1,408,592	190,110	412,414	408,005	398,063	------	97	98,003	3,175	1,602,208
18	Charcoal	15	10,327	2,890	185	1,230	6,022	20	1	360	87	7,470
19	Cheese, butter, and condensed milk, factory product.	4	13,497	450	3,100	8,910	1,037	3	1	400	4	1,860
20	Clothing, men's, custom work and repairing.	73	168,656	14,950	25,550	10,961	117,195	87	21	20,350	284	129,843
21	Clothing, men's, factory product	18	514,060	11,840	27,700	71,251	403,269	31	43	37,340	1,276	230,947
22	Clothing, women's, dressmaking	89	43,055	10,275	20,725	6,895	5,160	90	4	1,765	189	33,723
23	Coffins, burial cases, and undertakers' goods.	4	227,635	25,525	44,760	14,450	142,900	4	19	20,900	109	42,300
24	Confectionery	27	471,680	15,900	23,500	54,982	377,298	28	72	61,663	419	109,561
25	Cooperage	23	270,353	21,095	59,675	83,180	106,403	21	22	22,322	408	98,607
26	Cotton, compressing	10	895,468	213,094	277,952	260,284	144,138	4	45	41,712	505	84,307
27	Cotton, ginning[1]	1,178	1,812,008	57,662	329,125	1,360,649	64,572	1,449	161	15,219	1,401	207,757
28	Cotton goods	67	24,158,159	1,166,237	4,701,906	10,828,803	7,461,213	10	332	430,501	18,283	3,566,951
29	Druggists' preparations, not including prescriptions.	5	57,600	------	------	1,100	56,500	6	6	2,100	14	4,239
30	Dyeing and cleaning	24	28,334	3,550	7,400	4,520	12,864	30	2	800	78	15,923
31	Electrical construction and repairs	5	56,850	3,000	------	16,650	37,200	5	9	7,660	60	29,228
32	Fertilizers	41	6,663,618	137,762	1,044,804	661,134	4,819,918	39	114	147,018	1,126	294,887
33	Flouring and grist mill products	1,123	2,504,033	289,073	577,812	1,025,920	611,228	1,315	88	58,908	1,167	225,933
34	Foundry and machine shop products	87	3,398,141	327,452	465,971	691,539	1,913,179	88	177	198,734	2,384	920,331
35	Fruits and vegetables, canning and preserving.	8	24,801	1,851	5,700	5,500	11,750	5	4	3,650	81	10,545
36	Furniture, cabinetmaking, repairing, and upholstering.	42	25,262	3,100	5,275	5,925	10,962	45	------	------	41	15,666
37	Furniture, factory product	21	1,195,948	165,400	127,667	183,794	719,087	17	85	90,534	1,354	358,512
38	Gas, illuminating and heating	12	4,269,319	313,250	260,806	3,413,216	282,047	------	75	56,314	271	92,265
39	Hosiery and knit goods	16	928,887	21,836	85,012	416,329	405,710	------	46	39,467	1,208	200,662
40	Ice, artificial	32	975,100	63,950	128,988	724,050	58,112	14	48	42,535	251	86,210
41	Iron and steel	3	655,916	175,000	295,000	113,880	72,036	------	18	13,295	194	48,391
42	Leather, tanned, curried, and finished	36	1,434,390	56,270	210,520	265,820	901,780	38	26	20,413	410	92,030
43	Lime and cement	5	130,949	89,000	9,210	24,760	7,979	4	4	4,215	103	25,320
44	Liquors, distilled	28	54,808	3,485	10,350	17,000	23,973	29	4	1,320	42	8,557
45	Liquors, malt	5	1,327,830	200,500	323,852	323,380	480,098	------	37	64,900	300	128,288
46	Liquors, vinous	6	38,360	240	5,900	6,320	25,900	4	3	1,350	6	1,225
47	Lock and gun smithing	19	15,765	3,500	1,150	7,905	3,210	22	------	------	12	2,452
48	Looking-glass and picture frames	14	16,835	------	------	1,735	15,100	17	4	2,010	26	9,582
49	Lumber and timber products	1,254	11,802,716	4,044,247	751,547	4,773,750	2,233,172	1,697	414	268,646	10,240	2,344,523
50	Lumber, planing mill products, including sash, doors, and blinds.	99	2,074,226	244,830	254,925	640,108	934,363	120	150	146,620	2,171	672,243
51	Marble and stone work	23	590,542	142,140	54,885	137,640	255,877	23	25	27,275	574	233,026
52	Masonry, brick and stone	30	89,011	7,500	13,200	16,206	52,105	32	9	5,770	594	227,836
53	Mattresses and spring beds	10	114,170	3,600	1,800	22,940	85,830	10	21	22,318	74	30,188
54	Millinery and lace goods	3	18,200	------	------	3,500	14,700	4	16	8,690	62	20,388
55	Millinery, custom work	181	261,232	13,260	36,450	8,851	202,671	213	42	16,000	279	82,059
56	Mineral and soda waters	38	130,961	5,700	4,775	66,335	54,151	41	29	17,590	91	22,045
57	Monuments and tombstones	41	168,198	9,432	7,185	17,115	134,466	51	26	16,480	303	124,536
58	Oil, cottonseed and cake	43	4,098,668	235,853	683,532	1,428,334	1,750,949	7	195	187,164	1,591	354,017
59	Optical goods	3	37,050	------	------	2,750	34,300	4	------	------	12	8,800
60	Painting, house, sign, etc	47	32,645	2,750	4,575	7,075	18,245	52	2	1,380	182	66,386
61	Paints	5	101,300	4,000	4,500	11,500	81,300	3	12	9,170	23	9,844
62	Paper hanging	5	23,240	------	------	890	22,350	6	7	4,784	23	8,540
63	Patent medicines and compounds	22	498,560	29,756	77,268	28,725	362,811	13	38	31,953	178	44,340
64	Paving and paving materials	3	35,189	7,100	5,200	12,229	10,660	------	11	5,175	40	16,535
65	Photography	64	59,793	2,805	6,762	31,105	19,121	74	3	800	49	14,752
66	Plumbing, and gas and steam fitting	56	247,002	13,100	19,550	22,205	192,147	63	26	17,543	423	161,350
67	Pottery, terra cotta, and fire-clay products.	21	266,710	38,125	80,415	53,110	95,060	23	21	17,800	285	66,795
68	Printing and publishing, book and job	54	635,150	32,700	18,300	417,293	166,857	66	49	41,916	811	241,745
69	Printing and publishing, newspapers and periodicals.	233	1,852,813	113,635	165,112	1,249,133	324,933	234	196	177,325	1,050	450,878
70	Rice, cleaning and polishing	4	113,155	30,085	40,075	20,775	22,220	4	5	4,800	14	8,250
71	Roofing and roofing materials	11	90,235	10,500	21,500	22,700	35,535	12	9	5,950	87	33,507
72	Saddlery and harness	78	493,454	20,726	51,315	63,849	357,564	93	41	21,535	651	141,900
73	Sewing machine repairing	4	1,040	------	------	555	485	3	------	------	2	400
74	Ship and boat building, wooden	4	15,170	------	------	770	14,400	2	2	1,400	19	5,156
75	Slaughtering and meat packing, wholesale.	4	109,400	13,500	27,700	24,700	43,500	4	32	19,625	98	31,050
76	Slaughtering, wholesale, not including meat packing.	3	6,427	3,200	1,325	102	1,800	4	2	610	6	1,390

[1] Does not include many ginneries operated in connection with saw, grist, and cottonseed-oil mills, or for the use exclusively of plantations on which they are ocated. For the full number of ginneries in operation, reference should be made to the special report on cotton ginning.

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
201	$76,616	20	$3,736	20	$1,896	$26,504	$12,411	$3,043	$11,050		$290,557	$282,244	$7,313	$597,549	12
1,633	341,099	2	500	66	5,698	44,687	9,505	6,678	28,104	$400	264,016	65,205	198,811	1,053,255	13
79	17,860			2	120	1,833	892	435	506		69,382	69,132	250	117,260	14
848	301,426					21,960	5,577	1,676	8,714	5,993	604,900	603,957	943	1,112,725	15
822	261,056			8	800	45,092	10,420	8,389	26,163	120	545,587	533,707	11,880	1,350,644	16
3,169	1,601,128	6	1,080			89,380	1,800	16,472	69,934	1,174	1,272,692	1,257,533	15,159	3,062,283	17
85	7,370			2	100	2,277	90	61	326	1,800	10,120	10,120		41,832	18
4	1,860					360		72	288		10,515	9,964	551	14,166	19
211	112,435	65	16,786	8	622	27,293	15,167	1,980	9,871	275	171,542	169,611	1,931	437,113	20
119	44,408	1,083	178,070	74	8,469	25,200	9,962	2,915	12,273	50	657,352	649,882	7,470	1,120,607	21
		185	33,438	4	285	6,344	5,314	547	483		96,637	96,432	205	183,582	22
94	39,300			15	3,000	5,546	480	1,516	3,550		76,505	74,650	1,855	203,760	23
238	80,994	165	26,555	16	2,012	60,550	14,718	4,453	41,379		534,244	524,405	9,839	864,569	24
394	97,735			14	872	24,042	2,166	1,495	13,581	6,800	392,244	391,227	1,017	678,092	25
505	84,307					63,453	15,000	13,123	35,330		43,921	25,480	18,441	345,047	26
1,398	207,460			3	297	34,615	2,877	15,436	16,302		231,562	161,509	70,053	1,126,264	27
7,309	1,815,126	6,495	1,270,434	4,479	481,391	1,041,863		178,564	831,920	31,379	11,113,356	10,794,699	318,657	18,457,645	28
6	2,856	6	1,208	2	175	4,996	1,736	1,885	1,375		70,930	68,385	2,545	96,626	29
52	13,012	6	1,315	20	1,596	5,845	4,220	323	1,202	100	30,777	29,778	999	67,791	30
59	29,078			1	150	6,292	3,820	315	1,607	550	64,289	63,749	540	130,910	31
1,121	293,887			5	1,000	405,936	4,261	36,174	365,376	125	2,349,635	2,296,942	52,693	3,367,353	32
1,154	225,223			13	710	73,455	8,050	23,120	42,113	172	7,004,065	6,955,025	49,040	8,330,439	33
2,360	916,468	1	300	23	3,563	173,903	8,165	30,035	130,123	5,580	1,590,884	1,539,742	51,142	3,506,427	34
26	5,260	38	4,410	17	875	4,262	600	221	3,441		67,192	66,699	493	120,022	35
38	15,266			3	400	3,621	2,639	384	548	50	16,380	16,235	145	62,194	36
1,154	334,943	48	7,230	152	16,339	93,702	8,106	4,580	80,766	250	517,466	512,927	4,539	1,273,462	37
271	92,265					185,602	24,000	24,140	137,462		141,507	135,109	6,398	660,892	38
217	64,148	682	104,754	309	31,760	72,631	910	5,353	55,496	10,872	757,430	746,536	10,894	1,230,801	39
250	86,030			1	180	49,654	2,005	8,826	38,373	450	126,512	45,981	80,531	456,964	40
188	47,959			6	432	8,300		1,766	6,384	150	237,421	111,483	125,938	391,599	41
408	91,980			2	50	24,724	1,620	3,989	19,115		928,129	924,868	3,261	1,187,697	42
103	25,320					1,135		416	719		19,893	12,214	7,679	62,549	43
42	8,557					135,152	296	1,158	133,698		39,695	35,242	4,453	198,891	44
800	128,288					410,745		9,903	400,842		275,747	234,807	40,940	973,212	45
6	1,225					3,482	120	160	3,202		7,815	7,765	50	15,875	46
7	1,780	1	240	4	432	4,567	2,637	737	1,193		7,421	6,887	534	25,653	47
26	9,582					4,867	3,454	241	1,137	35	25,288	25,258	30	57,935	48
10,108	2,330,622	11	1,800	121	12,101	249,636	15,476	53,942	170,568	9,650	6,665,897	6,665,437	460	13,704,923	49
2,139	667,145	1	500	31	4,598	102,159	13,144	19,040	64,975	5,000	2,280,495	2,268,654	11,841	4,302,976	50
562	231,326			12	1,700	41,528	2,373	1,514	27,041	10,600	162,759	151,891	10,868	551,983	51
594	227,836					6,240	1,693	1,021	3,526		534,744	534,592	152	865,017	52
61	27,150	12	2,918	1	120	7,821	3,732	1,168	2,921		150,325	148,910	1,415	238,028	53
6	1,260	47	18,428	9	700	4,210	2,775	550	885		58,965	58,710	255	113,500	54
3	625	287	80,123	9	1,311	40,501	28,010	3,149	9,336	6	380,731	380,235	496	685,783	55
82	21,116			9	929	14,973	4,831	1,167	8,975		65,603	64,985	618	196,599	56
303	124,536					11,312	5,281	2,078	3,753	200	203,907	202,245	1,662	487,722	57
1,581	352,875	1	115	9	1,027	312,986	100	28,727	282,959	1,200	6,229,436	6,106,840	122,596	8,064,112	58
11	8,200	1	600			4,425	2,100	185	2,140		22,205	22,090	115	58,500	59
177	66,011			5	375	6,266	3,922	655	1,689		72,456	72,373	83	195,920	60
19	8,704	1	600	3	540	10,905	2,720	1,360	6,825		112,474	111,522	952	182,279	61
23	8,540					4,388	2,610	468	510	800	39,892	39,880	12	71,475	62
87	27,156	87	16,654	4	530	281,676	5,366	13,604	262,706		487,037	484,998	2,039	1,150,802	63
40	16,535					715	450	90	175		16,539	16,185	354	53,607	64
27	10,684	16	3,479	6	589	13,625	10,060	1,435	2,000	130	33,595	33,374	221	120,978	65
420	161,038			3	312	20,713	12,611	3,164	4,938		417,125	414,943	2,182	774,326	66
279	66,156	1	75	5	564	15,587	361	2,051	13,150	25	42,273	17,275	24,998	206,322	67
583	207,693	198	30,594	30	3,458	46,248	19,230	5,408	18,421	3,189	242,669	234,074	8,595	693,726	68
774	406,365	110	27,190	166	17,323	243,417	23,483	13,364	167,669	38,901	370,920	349,288	21,632	1,687,049	69
14	8,250					2,690	100	1,306	1,284		161,070	159,535	1,535	184,804	70
87	33,507					10,015	2,504	599	4,912	2,000	123,362	122,600	762	213,623	71
540	126,187	16	2,490	95	13,223	35,591	12,882	8,476	18,667	566	820,062	815,745	4,317	1,249,885	72
2	400					366	336	30			805	805		3,000	73
19	5,156					680	10	25	300	345	12,650	12,650		23,500	74
97	30,800			1	250	10,745	860	1,360	8,525		456,355	453,955	2,400	557,831	75
5	1,315	1	75			489	60	29	400		27,340	27,340		33,396	76

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
77	Sugar and molasses, refining	9	$32,895	$20	$40	$11,330	$21,505	12	4	$3,044	20	$4,502
78	Tinsmithing, coppersmithing, and sheet-iron working.	52	468,039	50,950	38,930	50,545	317,614	56	30	23,500	303	103,114
79	Tobacco, cigars and cigarettes	34	55,673	6,170	3,110	2,915	43,478	36	7	2,795	106	35,438
80	Trunks and valises	7	45,879			2,859	43,020	7	14	12,930	92	32,580
81	Turpentine and rosin	524	3,785,432	1,496,829	355,120	559,992	1,373,491	815	763	320,265	19,199	3,772,848
82	Typewriter repairing	3	31,163			2,000	29,163	1	3	2,300	14	9,930
83	Vinegar and cider	3	17,335		200	1,935	15,200	4	4	5,200	12	3,100
84	Watch, clock, and jewelry repairing	123	98,665	7,200	16,175	35,640	39,650	134	4	836	66	34,972
85	Wood, turned and carved	6	17,030	2,090	2,625	10,375	1,940	8			43	7,425
86	Woolen goods	14	455,114	32,065	61,895	198,185	162,969	1	13	16,936	561	97,159
87	All other industries[1]	65	3,307,564	168,830	402,807	1,111,042	1,624,885	52	195	205,548	2,649	571,986

[1] Embraces bags, paper, 2; belting and hose, leather, 1; bottling, 1; brass castings and brass finishing, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by street railroad companies, 2; cars, steam railroad, not including operations of railroad companies, 2; coke, 2; cordage and twine, 1; cotton small wares, 1; cotton waste, 1; cutlery and edge tools, 1; electrical apparatus and supplies, 1; electroplating, 1; engraving, steel, including plate printing, 2; fancy articles, not elsewhere specified, 1; food preparations, 1; furnishing goods, men's, 2; gas machines and meters, 1; glass, 1; glass, cutting, staining, and ornamenting, 1; grease and tallow, 1; hand stamps, 2; hats and caps, not including fur hats and wool hats, 2; house furnishing goods, not elsewhere specified, 1;

TABLE 8.—MANUFACTURES IN CITIES

ATLANTA.

1	All industries	390	$16,045,156	$1,216,811	$1,692,831	$6,740,771	$6,394,743	386	780	$851,801	9,356	$3,103,989
2	Bicycle and tricycle repairing	8	6,020			3,520	2,500	8	6	3,886	18	5,132
3	Blacksmithing and wheelwrighting	25	20,855	10,500	1,100	4,788	4,467	31			57	21,936
4	Boots and shoes, custom work and repairing.	48	5,893		50	1,704	4,139	49			38	12,591
5	Boxes, fancy and paper	3	72,017	5,000		22,964	44,053	4	12	13,576	123	29,125
6	Bread and other bakery products	13	79,900	9,100	16,600	20,650	33,550	13	9	9,554	96	28,711
7	Carpentering	10	71,843			9,825	62,018	16			317	121,604
8	Carriages and wagons	6	52,525	6,000	7,000	4,025	35,500	7	7	4,900	82	31,300
9	Clothing, men's, custom work and repairing.	11	17,410			1,310	16,100	18	3	4,200	51	30,416
10	Clothing, men's, factory product	7	226,105			37,500	188,605	16	11	12,790	801	156,398
11	Confectionery	6	334,250			39,250	295,000	9	38	34,123	259	63,502
12	Cotton goods	3	3,461,373	161,655	641,152	1,601,984	1,056,582		33	61,105	1,776	417,246
13	Dyeing and cleaning	6	7,720	1,000	4,000	1,480	1,240	7			22	6,420
14	Electrical construction and repairs	4	42,000	3,000		14,500	24,500	2	7	7,300	49	21,190
15	Fertilizers	3	672,482	21,000	116,000	60,000	475,482		14	30,402	145	38,721
16	Foundry and machine shop products	17	1,193,756	125,000	100,800	195,178	772,778	10	59	73,450	602	285,832
17	Furniture, cabinetmaking, repairing, and upholstering	3	5,075			1,200	3,875	4			5	3,216
18	Furniture, factory product	5	781,685	145,000	70,000	88,900	477,785	1	31	45,460	533	173,550
19	Ice, manufactured	4	227,238	10,500	17,138	186,600	13,000		8	10,100	32	14,946
20	Lock and gun smithing	7	7,165	2,500	1,000	3,505	160	8			4	1,070
21	Lumber, planing mill products, including sash, doors, and blinds.	6	397,700	103,000	58,000	80,700	156,000	3	44	56,140	521	186,400
22	Millinery and lace goods	3	18,200			3,500	14,700	4	16	8,690	62	20,388
23	Millinery, custom work	6	22,281	500	2,000	630	19,151	4	14	4,500	45	13,171
24	Mineral and soda waters	4	52,175			16,700	35,475	1	18	10,090	13	3,470
25	Monuments and tombstones	7	24,750			4,325	20,425	6	1	1,200	73	31,728
26	Painting, house, sign, etc	6	9,265			1,280	7,985	7			9	12,540
27	Paints	5	101,300	4,000	4,500	11,500	81,300	3	12	9,170	23	9,844
28	Paper hanging	4	21,575			875	20,700	5	6	4,640	17	6,200
29	Patent medicines and compounds	10	429,935	27,756	73,268	23,400	305,511	8	27	25,343	128	32,376
30	Photography	3	5,075			3,800	1,275	3			9	2,172
31	Plumbing, and gas and steam fitting	14	53,180			5,880	47,300	15	8	6,200	135	49,320
32	Printing and publishing, book and job	17	365,085	25,000	10,000	248,050	82,035	19	31	28,160	409	150,562
33	Printing and publishing, newspapers and periodicals.	16	984,845	60,000	66,000	762,257	96,588	11	68	87,165	160	124,986
34	Saddlery and harness	9	31,670			3,800	27,870	10			23	10,778
35	Tinsmithing, coppersmithing, and sheet-iron working.	8	311,289	20,000	30,000	33,685	227,604	8	27	21,900	179	41,549
36	Tobacco, cigars and cigarettes	10	17,753			1,060	16,693	12	4	1,415	38	13,946
37	Typewriter repairing	3	31,163			2,000	29,163	1	3	2,300	14	9,930
38	Watch, clock, and jewelry repairing	9	4,270			2,250	2,020	11			4	2,200
39	All other industries[1]	61	5,878,333	476,300	474,223	3,236,196	1,691,614	52	263	274,012	2,484	919,523

[1] Embraces agricultural implements, 1; awnings, tents, and sails, 1; bags, paper, 2; belting and hose, leather, 1; boots and shoes, factory product, 1; boxes, wooden packing, 1; brooms and brushes, 2; cars and general shop construction and repairs by steam railroad companies, 2; clothing, women's, dressmaking, 1; coffins, burial cases, and undertakers' goods, 2; cotton, compressing, 1; electroplating, 1; engraving, steel, including plate printing, 2; flouring and grist mill products, 1; fruits and vegetables, canning and preserving, 1; furnishing goods, men's, 1; gas, illuminating and heating, 2; glass, cutting, staining, and ornamenting, 1; hand stamps, 2; hats and caps, not including fur hats and wool hats, 2; hosiery and knit goods, 2; ironwork, architectural and ornamental, 1; leather goods, 1;

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
19	$4,310	1	$192			$2,315	$1,430	$283	$602		$74,691	$73,797	$834	$106,700	77
276	99,140			27	$3,974	14,801	6,787	3,736	4,278		571,553	568,834	2,719	796,439	78
87	32,033	10	2,692	9	713	19,839	3,833	821	15,185		51,418	51,270	148	125,058	79
87	32,100			5	480	15,303	7,340	488	7,475		92,615	91,910	705	189,316	80
19,028	3,754,972	49	5,303	122	12,573	178,774	1,998	26,714	86,681	$63,381	2,292,665	2,267,532	25,133	3,110,468	81
11	9,030	3	900			14,608	1,548	10	12,050	1,000	41,155	41,155		84,200	82
12	3,100					1,857	1,200	7	650		14,910	14,910		72,665	83
61	34,237			5	735	19,897	15,121	1,332	2,964	480	34,043	33,393	650	163,433	84
40	7,050			3	375	1,851	5	139	1,707		8,760	8,560	200	25,200	85
284	55,013	189	31,720	88	10,426	22,430		3,012	18,455	963	280,295	273,948	6,347	491,001	86
1,492	433,344	955	112,842	202	25,800	211,928	23,385	21,120	160,080	7,343	2,688,543	2,646,066	42,477	4,158,375	87

ironwork, architectural and ornamental, 2; kaolin and other earth grinding, 1; leather goods, 1; oil, not elsewhere specified, 1; oysters, canning and preserving, 1; paper and wood pulp, 2; paper goods, not elsewhere specified, 1; photographic materials, 1; photolithographing and photoengraving, 1; pickles, preserves, and sauces, 1; printing materials, 1; refrigerators, 1; saws, 1; scales and balances, 1; shirts, 2; shoddy, 1; show cases, 1; soap and candles, 1; steam fittings and heating apparatus, 1; stencils and brands, 2; stereotyping and electrotyping, 2; surgical appliances, 1; tobacco, stemming and rehandling, 1; typewriters and supplies, 1; umbrellas and canes, 2; wirework, including wire rope and cable, 1.

BY SPECIFIED INDUSTRIES: 1900.

ATLANTA.

6,442	$2,572,230	2,129	$424,777	785	$106,982	$1,352,444	$149,904	$92,766	$1,055,778	$53,996	$8,563,524	$8,400,347	$163,177	$16,707,027	1
16	4,952			2	180	2,352	1,934	93	325		7,999	7,416	583	23,700	2
56	21,840			1	96	5,648	4,312	252	1,084		19,401	18,270	1,131	64,225	3
38	12,591					6,876	6,335	107	434		15,638	15,320	318	57,467	4
30	13,145	83	14,980	10	1,000	5,654	2,320	400	2,934		26,310	25,630	680	122,125	5
70	25,544	15	2,080	11	1,087	12,183	4,101	652	7,430		99,050	96,240	2,810	248,355	6
317	121,604					10,962	1,754	208	4,000	5,000	226,353	225,665	688	415,886	7
82	31,300					4,103	2,661	465	977		32,355	31,020	1,335	111,460	8
40	27,604	11	2,812			4,254	3,202	297	755		24,476	23,643	833	74,680	9
72	29,700	685	120,900	44	5,798	11,575	7,280	732	3,563		388,908	384,468	4,440	671,406	10
137	43,720	118	19,262	4	520	43,628	7,620	2,372	33,636		253,923	248,300	5,623	450,933	11
652	206,053	659	142,604	465	68,589	150,150		15,125	132,525	2,500	1,156,178	1,119,250	36,928	1,938,228	12
20	5,980	2	440			1,669	1,390	38	241		2,663	2,317	346	17,400	13
48	21,040			1	150	5,467	3,320	190	1,407	550	54,284	53,894	390	108,210	14
145	38,721					37,831		5,665	32,166		243,080	237,095	5,985	358,300	15
595	284,492	1	300	6	1,040	65,227	4,430	7,342	49,755	3,700	443,949	430,880	13,069	1,028,736	16
5	3,216					331	252	14	115		3,720	3,665	55	11,750	17
508	170,000			25	3,550	73,870	6,465	1,600	65,805		277,200	275,450	1,750	703,500	18
32	14,946					13,903	1,160	1,319	11,424		30,203	9,271	20,932	104,913	19
3	830	1	240			2,940	1,308	577	1,055		2,184	1,827	357	9,880	20
521	186,400					26,116	2,280	4,496	17,340	2,000	740,456	740,456		1,137,434	21
6	1,260	47	18,428	9	700	4,210	2,775	550	885		58,965	58,710	255	113,500	22
		43	12,871	2	300	6,042	5,260	227	555		59,748	59,713	35	104,608	23
12	3,370			1	100	8,866	2,402	121	6,343		28,407	28,087	320	86,073	24
73	31,728					2,441	1,626	250	565		41,136	40,695	441	105,100	25
9	12,540					1,496	1,146	190	160		14,485	14,423	62	37,510	26
19	8,704	1	600	3	540	10,905	2,720	1,360	6,825		112,474	111,522	952	182,279	27
17	6,200					4,163	2,430	448	485	800	39,292	39,280	12	68,085	28
66	20,996	60	11,080	2	300	264,408	3,060	13,062	248,286		440,637	439,063	1,574	1,008,437	29
2	600	5	1,264	2	308	1,747	1,448	142	157		2,647	2,580	67	9,900	30
135	49,320					7,793	4,665	1,013	2,115		92,856	92,499	357	201,986	31
280	125,164	107	22,716	22	2,682	26,613	10,049	2,164	11,245	3,155	143,149	138,475	4,674	405,964	32
145	120,703	13	4,122	2	161	141,818	4,785	4,318	99,005	33,710	146,994	139,865	7,129	636,730	33
22	10,678			1	100	5,922	4,456	615	851		29,711	29,624	87	73,546	34
153	37,675			26	3,874	7,345	2,140	2,657	2,548		397,718	396,412	1,306	504,360	35
32	12,876	4	830	2	240	6,762	1,391	214	5,157		26,330	26,215	115	50,832	36
11	9,030	3	900			14,608	1,548	10	12,050	1,000	41,155	41,155		84,200	37
4	2,200					3,031	2,118	29	404	480	1,931	1,891	40	13,500	38
2,069	855,508	271	48,348	144	15,667	349,485	33,761	23,452	291,171	1,101	2,837,559	2,790,061	47,498	5,361,829	39

leather, tanned, curried, and finished, 1; liquors, distilled, 1; liquors, malt, 1; looking-glass and picture frames, 1; marble and stone work, 1; masonry, brick and stone, 2; mattresses and spring beds, 2; optical goods, 1; paper goods, not elsewhere specified, 1; paving and paving materials, 1; photolithographing and photoengraving, 1; pickles, preserves, and sauces, 1; pottery, terra cotta, and fire-clay products, 2; roofing and roofing materials, 1; sewing machine repairing, 1; show cases, 1; soap and candles, 1; steam fittings and heating apparatus, 1; stereotyping and electrotyping, 2; sugar and molasses, refining, 2; trunks and valises, 2; typewriters and supplies, 1; woolen goods, 1.

TABLE 8.—MANUFACTURES IN CITIES

AUGUSTA.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	383	$8,990,989	$903,439	$1,904,576	$3,290,809	$2,892,165	374	262	$277,556	7,092	$1,806,654
2	Bicycle and tricycle repairing	9	12,160	400	150	2,500	9,110	8	3	1,000	15	6,150
3	Blacksmithing and wheelwrighting	25	12,865	5,850	2,850	2,330	1,835	25	1	750	42	13,748
4	Boots and shoes, custom work and repairing.	16	1,925			675	1,250	17			11	3,100
5	Bread and other bakery products	7	38,175	10,200	23,600	2,150	2,225	7	1	600	30	9,350
6	Carpentering	36	35,280	7,500	14,300	5,340	8,140	36	3	3,100	262	105,561
7	Carriages and wagons	5	77,150	6,000	10,000	7,475	53,675	7			48	17,024
8	Clothing, men's, custom work and repairing.	18	63,160	10,000	20,000	3,325	29,835	21	9	11,500	88	38,016
9	Clothing, women's, dressmaking	67	33,500	9,150	17,950	4,615	1,785	67			105	19,929
10	Confectionery	7	40,890	13,400	17,500	3,425	6,565	8	3	1,150	29	6,511
11	Cotton, compressing	3	5,500			5,300	200		17	13,252	225	32,873
12	Cotton goods	8	5,133,374	498,619	1,177,000	2,281,604	1,176,151		42	67,137	3,459	690,877
13	Dyeing and cleaning	5	6,300	2,000	3,000	875	425	5			10	2,925
14	Flouring and grist mill products	6	147,377	35,500	28,000	15,715	68,162	7	15	10,410	48	11,625
15	Furniture, cabinetmaking, repairing, and upholstering.	7	4,215			670	3,545	6			13	3,920
16	Ice, manufactured	3	131,000	9,000	22,000	96,000	4,000		8	8,340	37	6,900
17	Lock and gun smithing	3	1,800			900	900	4			4	600
18	Looking-glass and picture frames	3	2,375			225	2,150	3			3	960
19	Lumber, planing mill products, including sash, doors, and blinds.	4	279,850	37,000	37,000	81,200	124,650	3	34	33,400	255	92,000
20	Masonry, brick and stone	17	52,525	7,850	12,550	4,650	27,975	18	2	2,000	286	108,610
21	Mattresses and spring beds	4	1,360	200	300	280	580	4			7	1,738
22	Millinery, custom work	13	17,750	1,000	3,000	700	13,050	13	2	600	42	10,655
23	Monuments and tombstones	3	8,800	50	250	2,500	6,000	4	2	1,200	46	18,700
24	Painting, house, sign, etc	24	10,405	2,500	3,900	2,045	1,960	25			78	24,465
25	Photography	5	4,500			3,000	1,500	7			7	2,700
26	Plumbing, and gas and steam fitting	8	78,300	6,000	10,000	3,850	58,450	10	10	6,598	93	36,752
27	Printing and publishing, book and job	6	82,500			67,500	15,000	8	2	2,560	212	25,427
28	Printing and publishing, newspapers and periodicals.	5	152,450	20,500	35,500	65,950	30,500	4	10	11,064	108	58,532
29	Roofing and roofing materials	5	42,860	10,000	18,000	5,425	9,435	5			35	16,600
30	Saddlery and harness	3	1,470			115	1,355	3			8	1,096
31	Tinsmithing, coppersmithing, and sheet-iron working.	5	6,485			1,375	5,110	5			12	4,080
32	Tobacco, cigars and cigarettes	5	5,430	2,750	200	375	2,105	5	1	600	9	2,178
33	Watch, clock, and jewelry repairing	14	18,720	3,000	7,000	2,910	5,810	15			11	6,650
34	All other industries[1]	34	2,480,538	205,470	440,526	615,810	1,218,732	24	97	102,295	1,454	426,402

[1] Embraces awnings, tents, and sails, 2; boots and shoes, factory product, 1; bottling, 1; brick and tile, 2; brooms and brushes, 1; cars and general shop construction and repairs by steam railroad companies, 2; clothing, men's, factory product, 1; cotton, ginning, 1; cotton waste, 1; druggists' preparations, not including prescriptions, 1; electrical apparatus and supplies, 1; fancy articles, not elsewhere specified, 1; fertilizers, 2; foundry and machine shop products, 2; gas, illumi-

MACON.

1	All industries	182	$5,076,005	$307,716	$823,563	$1,605,206	$2,339,520	173	268	$272,138	3,700	$1,047,437
2	Bicycle and tricycle repairing	5	4,152			2,302	1,850	6			7	1,900
3	Blacksmithing and wheelwrighting	12	9,511	1,600	3,529	1,335	3,047	13			17	5,456
4	Boots and shoes, custom work and repairing.	13	1,744			1,131	613	12			16	5,153
5	Bread and other bakery products	5	47,550	15,000	23,500	1,425	7,625	7	5	1,758	12	5,056
6	Carpentering	3	4,650			1,150	3,500	3			54	9,500
7	Carriages and wagons	7	29,600	6,000	2,000	4,250	17,350	9	3	1,840	52	17,106
8	Cars and general shop construction and repairs by steam railroad companies.	4	189,681	23,100	83,100	55,600	27,881		17	18,540	572	265,164
9	Clothing, men's, custom work and repairing.	11	31,577			1,432	30,145	13	7	3,450	30	14,466
10	Clothing, women's, dressmaking	7	2,175			925	1,250	5	2	710	66	10,192
11	Confectionery	4	58,400			4,000	54,400	2	19	20,150	63	17,320
12	Cotton goods	3	1,270,213	55,500	207,178	527,121	480,414		26	47,316	920	190,413
13	Dyeing and cleaning	3	1,464	500	200	385	379	4			15	2,422
14	Foundry and machine shop products	3	257,795	30,000	35,000	23,000	169,795		13	18,420	167	65,000
15	Furniture, cabinetmaking, repairing, and upholstering.	8	2,225		125	1,190	910	8			8	3,240
16	Lumber, planing mill products, including sash, doors, and blinds.	5	262,413	26,500	31,000	58,786	146,127	5	17	13,270	202	49,847
17	Millinery, custom work	8	17,240			840	16,400	9	7	4,280	29	8,605
18	Painting, house, sign, etc	3	2,450			400	2,050	3			12	5,270
19	Photography	4	7,500	1,200	600	4,400	1,300	5				
20	Plumbing, and gas and steam fitting	6	30,142			3,400	26,742	6	4	2,400	74	22,100
21	Printing and publishing, book and job	6	32,225			16,700	15,525	6	4	2,400	35	11,523

BY SPECIFIED INDUSTRIES: 1900—Continued.

AUGUSTA.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
4,341	$1,353,885	2,081	$382,634	670	$70,135	$617,178	$61,152	$117,213	$433,713	$5,100	$6,234,176	$6,098,234	$135,942	$10,041,900	1
15	6,150					1,664	1,172	186	306		12,173	11,969	204	26,475	2
41	13,676			1	72	2,490	1,741	239	510		12,492	11,738	754	46,800	3
11	3,100					1,679	1,317	66	296		4,550	4,550		14,881	4
30	9,350					2,045	1,030	375	640		31,377	30,465	912	61,585	5
262	105,561					4,233	2,282	735	1,116	100	183,561	183,551	10	360,825	6
47	16,880			1	144	3,197	782	1,280	1,135		20,677	19,895	782	50,505	7
68	32,440	18	5,360	2	216	9,952	3,543	707	5,702		53,878	53,803	75	135,825	8
		101	19,644	4	285	5,212	4,437	401	374		87,525	87,475	50	150,010	9
27	6,094	2	417			1,750	1,060	448	242		24,663	24,264	399	46,250	10
225	32,873					21,170	15,000	1,219	4,951		9,045	4,480	4,565	86,548	11
1,344	327,919	1,514	301,337	601	61,621	220,902		71,988	143,914	5,000	2,089,563	2,027,226	62,337	3,429,348	12
7	2,200	3	725			1,555	750	155	650		1,405	1,375	30	7,350	13
47	11,560			1	65	10,426	450	2,244	7,732		671,435	670,295	1,140	739,781	14
10	3,520			3	400	756	696	60			2,632	2,632		11,200	15
37	6,900					9,000		2,400	6,600		17,800	5,300	12,500	58,000	16
2	400			2	200	565	470	40	55		1,345	1,320	25	3,250	17
3	960					822	780	30	12		3,600	3,600		6,925	18
240	89,500			15	2,500	13,697	450	2,822	10,425		198,340	196,990	1,350	373,120	19
286	108,610					1,828	538	729	561		151,826	151,826		300,573	20
4	1,350	3	388			440	360	25	55		5,185	5,185		12,300	21
		39	10,315	8	340	6,438	5,620	306	512		57,150	57,150		94,550	22
46	18,700					1,590	840	425	325		18,130	17,960	170	48,300	23
77	24,390			1	75	1,907	1,437	296	174		17,375	17,375		59,950	24
3	1,400	4	1,300			1,497	1,370	110	17		2,990	2,990		12,216	25
91	36,540			2	212	3,031	1,345	898	788		148,915	148,765	150	236,952	26
151	23,407	61	2,020			3,595	1,960	1,035	600		19,186	18,345	841	70,132	27
81	51,970	21	5,800	6	762	19,611	960	1,820	16,831		34,875	31,780	3,095	140,300	28
35	16,600					1,929	684	335	910		39,582	39,362	220	69,166	29
4	850			4	246	506	486	20			1,695	1,695		4,975	30
12	4,080					985	690	55	240		5,780	5,771	9	14,325	31
7	2,066			2	112	1,627	156	58	1,413		4,049	4,049		11,610	32
7	6,000			4	650	2,904	2,379	165	360		5,273	5,273		23,400	33
1,121	388,839	315	35,328	18	2,235	258,175	6,367	25,541	226,267		2,296,104	2,249,780	46,324	3,334,473	34

nating and heating, 1; liquors, distilled, 1; liquors, malt, 1; marble and stone work, 1; mineral and soda waters, 1; oil, cottonseed and cake, 2; optical goods, 2; patent medicines and compounds, 1; sewing machine repairing, 1; shirts, 1; stencils and brands, 1; trunks and valises, 1; vinegar and cider, 1.

MACON.

2,762	$893,430	669	$114,249	269	$39,758	$445,078	$37,433	$39,092	$341,738	$26,815	$3,741,167	$3,652,863	$88,304	$6,495,767	1
5	1,750			2	150	1,221	902	117	202		725	558	167	6,500	2
17	5,456					1,555	1,353	72	130		4,660	4,397	263	20,811	3
15	5,099			1	54	979	878	19	82		4,409	4,388	21	15,373	4
12	5,056					2,455	660	835	960		18,130	17,545	585	35,872	5
54	9,500					704	384		320		34,450	34,450		52,322	6
52	17,106					2,314	1,092	352	870		35,918	35,087	831	81,558	7
572	265,164					9,185		3,012	4,999	1,174	202,475	198,816	3,659	495,364	8
29	13,906	1	560			4,065	2,080	125	1,860		17,780	17,487	293	48,770	9
		66	10,192			533	422	30	81		3,492	3,432	60	16,734	10
31	12,770	24	3,458	8	1,092	10,059	3,100	1,173	5,786		131,425	129,235	2,190	179,500	11
443	104,627	307	57,629	170	28,157	65,831		10,220	38,918	16,693	819,829	803,130	16,699	1,237,125	12
15	2,422					448	390	13	45		456	277	179	5,550	13
167	65,000					7,633	600	1,728	5,305		183,358	178,208	5,150	289,173	14
8	3,240					805	647	31	127		2,260	2,260		9,900	15
198	49,247			4	600	11,595	1,760	2,743	6,092	1,000	165,827	165,427	400	302,703	16
1	325	27	8,020	1	260	6,721	4,122	337	2,262		42,735	42,735		76,300	17
12	5,270					249	224		25		3,006	3,005	1	15,100	18
						1,231	960	108	163		3,698	3,698		9,700	19
73	22,000			1	100	2,540	1,837	193	510		51,924	51,449	475	95,400	20
31	10,855	4	668			3,967	2,220	643	1,104		14,535	13,501	1,034	43,350	21

TABLE 8.—MANUFACTURES IN CITIES

MACON—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES AND TOWNS.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
22	Printing and publishing, newspapers and periodicals.	4	$44,100			$28,500	$15,600	1	26	$19,376	60	$28,534
23	Saddlery and harness	6	93,159	$1,500	$2,000	7,459	82,200	9	11	6,280	70	21,139
24	Tinsmithing, coppersmithing, and sheet-iron working.	3	3,450			1,100	2,350	3			7	3,037
25	Watch, clock, and jewelry repairing	3	4,080			1,625	2,455	3			15	7,230
26	All other industries [1]	41	2,668,509	146,816	435,331	856,750	1,229,612	36	102	111,948	1,197	277,764

[1] Embraces agricultural implements, 1; brick and tile, 2; brooms and brushes, 2; cars and general shop construction and repairs by street railroad companies, 1; clothing, men's, factory product, 1; cooperage, 2; cotton, compressing, 1; druggists' preparations, not including prescriptions, 1; fertilizers, 1; flouring and grist mill products, 1; furniture, factory product, 2; gas, illuminating and heating, 1; hosiery and knit goods, 1; ice, manufactured, 1; liquors, malt, 1; looking-glass and picture

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1	All industries	155	$5,716,491	$566,850	$928,194	$1,368,399	$2,853,048	157	220	$231,377	2,870	$1,176,150
2	Bicycle and tricycle repairing	4	5,700			3,100	2,600	4			17	5,110
3	Blacksmithing and wheelwrighting	18	35,090	8,500	4,850	7,390	14,350	19			64	25,115
4	Boots and shoes, custom work and repairing.	3	2,885			2,025	860	3	1	600	17	6,260
5	Bread and other bakery products	16	38,525	8,000	6,500	10,925	13,100	16	2	720	49	27,154
6	Carriages and wagons	3	37,600	14,500	8,000	5,300	9,800	3	1	1,500	32	15,276
7	Cars and general shop construction and repairs by steam railroad companies.	3	326,489	30,050	99,000	81,200	116,239		19	21,858	721	395,450
8	Clothing, men's, custom work and repairing.	3	9,400			400	9,000	3			26	17,300
9	Confectionery	4	23,695			5,057	18,638	3	10	5,540	43	17,053
10	Fertilizers	3	1,392,954	9,500	171,000	54,000	1,158,454	3	9	26,023	235	67,332
11	Foundry and machine shop products	6	276,282	50,000	88,400	60,250	77,632	11	8	11,050	230	98,385
12	Furniture, cabinetmaking, repairing, and upholstering.	4	8,900	2,400	4,600	500	1,400	4			5	2,130
13	Lumber, planing mill products, including sash, doors, and blinds.	4	204,341		27,225	71,500	105,616	6	10	7,900	123	43,560
14	Mineral and soda waters	3	14,200			9,800	4,400	1	6	6,020	26	7,725
15	Patent medicines and compounds	3	31,000	2,000	4,000	1,000	24,000	1	2	1,700	21	5,016
16	Photography	4	8,050			4,100	3,950	5			12	4,909
17	Plumbing, and gas and steam fitting	10	58,600	7,000	8,500	2,900	40,200	12	3	2,240	57	29,618
18	Printing and publishing, book and job	5	72,320			38,943	33,377	7	3	3,696	75	32,961
19	Printing and publishing, newspapers and periodicals.	4	175,800	20,000	30,000	92,500	33,300	1	47	33,420	157	82,672
20	Saddlery and harness	3	9,137			2,575	6,562	3	1	1,000	13	4,909
21	Tinsmithing, coppersmithing, and sheet-iron working.	5	107,600	27,600	6,000	3,900	70,100	7			49	30,387
22	Tobacco, cigars and cigarettes	7	7,505			700	6,805	7			14	5,317
23	Trunks and valises	3	4,950			250	4,700	3			11	4,100
24	Watch, clock, and jewelry repairing	11	7,700			3,950	3,750	14			7	6,540
25	All other industries [1]	26	2,857,768	387,300	470,119	906,134	1,094,215	21	98	108,110	866	241,871

[1] Embraces baking and yeast powders, 2; brass castings and brass finishing, 1; brooms and brushes, 1; carpentering, 1; cooperage, 1; cotton, compressing, 1; dyeing and cleaning, 1; electrical construction and repairs, 1; gas, illuminating and heating, 1; ice, manufactured, 2; liquors, malt, 2; lock and gun smithing, 1; looking-

TABLE 9.—MANUFACTURES IN CITIES AND

1	Totals for cities and towns	606	$14,160,514	$812,721	$2,092,923	$4,879,595	$6,375,275	642	521	$471,469	12,457	$3,104,716
2	Americus	47	393,736	13,710	53,950	202,625	123,451	48	31	25,320	544	202,533
3	Athens	69	801,744	43,650	86,586	281,877	389,631	71	37	21,631	844	175,183
4	Barnesville	16	528,408	18,575	66,900	171,715	271,218	15	23	21,570	572	117,703
5	Brunswick	73	423,826	49,400	70,602	155,440	148,384	76	15	16,540	550	247,516
6	Cartersville	26	93,908	8,450	12,750	46,940	25,768	28	8	3,450	75	15,827
7	Columbus	134	5,687,392	331,948	835,243	1,760,967	2,759,234	150	196	192,655	4,810	1,200,360
8	Dalton	28	734,234	17,460	110,815	337,432	268,527	38	26	17,205	752	127,750
9	Gainesville	37	282,712	24,400	36,300	103,645	118,367	48	19	14,350	500	126,097
10	Griffin	29	1,407,562	20,775	243,625	632,853	510,309	28	28	27,969	1,021	229,790
11	La Grange	24	956,899	21,400	131,544	467,505	336,450	22	11	11,150	709	131,684
12	Marietta	32	697,254	55,750	99,167	183,977	358,360	33	40	34,719	680	179,457
13	Newnan	27	824,721	33,557	114,800	178,654	497,710	27	29	25,056	456	102,567
14	Rome	64	1,328,118	173,646	230,641	355,965	567,866	58	55	59,854	944	248,249

BY SPECIFIED INDUSTRIES: 1900—Continued.

MACON—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
58	$28,144	1	$260	1	$130	$6,772	$1,480	$940	$3,952	$400	$14,765	$12,661	$2,104	$80,170	22
58	19,845	2	254	10	1,040	6,516	2,400	550	3,566	------	117,708	117,693	15	160,150	23
7	3,037	------	------	------	------	522	432	25	65	------	5,213	5,174	39	11,659	24
15	7,230	------	------	------	------	952	856	41	55	------	3,796	3,755	41	17,450	25
889	236,381	237	33,208	71	8,175	296,226	8,634	15,785	264,259	7,548	1,858,593	1,804,495	54,098	3,189,233	26

frames, 2; lumber and timber products, 1; masonry, brick and stone, 1; mineral and soda waters, 2; monuments and tombstones, 2; oil, cottonseed and cake, 2; paper hanging, 1; patent medicines and compounds, 1; paving and paving materials, 1; refrigerators, 1; roofing and roofing materials, 1; sewing machine repairing, 1; shirts, 1; slaughtering and meat packing, wholesale, 1; tobacco, cigars and cigarettes, 2; umbrellas and canes, 1; vinegar and cider, 1.

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2,782	$1,157,417	55	$18,267	3	$466	$469,918	$65,208	$50,681	$352,229	$1,800	$3,915,884	$3,822,410	$93,474	$6,461,816	1
17	5,110	------	------	------	------	1,831	1,436	177	218	------	1,784	1,600	184	11,400	2
64	25,115	------	------	------	------	4,520	3,242	632	646	------	22,392	21,423	969	78,720	3
16	6,010	1	250	------	------	896	759	72	65	------	7,027	6,895	132	16,600	4
47	26,674	2	480	------	------	4,734	2,820	926	988	------	90,461	88,989	1,472	156,065	5
32	15,276	------	------	------	------	1,206	396	420	390	------	14,762	14,475	287	45,480	6
721	395,450	------	------	------	------	9,499	------	7,157	2,342	------	300,713	299,596	1,117	727,520	7
24	16,800	2	500	------	------	3,258	2,880	235	143	------	22,935	22,900	35	53,080	8
27	14,635	16	2,418	------	------	3,837	2,508	254	1,075	------	87,111	86,386	725	135,756	9
235	67,332	------	------	------	------	88,426	1,185	6,690	80,551	------	413,111	399,129	13,982	615,539	10
230	98,385	------	------	------	------	12,523	1,050	5,173	6,300	------	89,786	83,361	6,425	275,738	11
5	2,130	------	------	------	------	638	300	201	137	------	3,024	3,024	------	9,854	12
122	43,060	1	500	------	------	10,398	2,020	1,356	7,022	------	145,057	144,707	350	227,372	13
26	7,725	------	------	------	------	2,158	748	288	1,122	------	7,858	7,808	50	31,700	14
6	1,776	15	3,240	------	------	9,050	990	210	7,850	------	25,926	25,926	------	74,500	15
8	4,125	3	700	1	84	2,842	2,170	227	445	------	6,185	6,185	------	20,425	16
57	29,618	------	------	------	------	2,723	1,740	537	446	------	70,086	69,511	575	133,614	17
59	29,234	16	3,727	------	------	6,896	2,690	622	3,584	------	34,800	33,740	1,060	91,430	18
143	78,380	13	4,160	1	132	26,349	840	1,627	22,082	1,800	61,137	57,715	3,422	237,600	19
13	4,909	------	------	------	------	1,797	1,560	147	90	------	19,982	19,970	12	36,194	20
49	30,387	------	------	------	------	2,227	1,080	652	495	------	104,025	103,170	855	155,335	21
14	5,317	------	------	------	------	3,838	1,428	180	2,230	------	5,782	5,782	------	18,894	22
11	4,100	------	------	------	------	1,915	1,500	113	302	------	11,380	11,380	------	22,220	23
7	6,540	------	------	------	------	2,971	2,346	296	329	------	2,950	2,950	------	20,760	24
849	239,329	16	2,292	1	250	265,386	29,520	22,489	213,377	------	2,367,610	2,305,788	61,822	3,266,020	25

glass and picture frames, 1; lumber and timber products, 1; monuments and tombstones, 2; oil, cottonseed and cake, 1; oil, not elsewhere specified, 1; painting, house, sign, etc., 1; printing materials, 1; rice, cleaning and polishing, 1; stencils and brands, 1; turpentine and rosin, 1.

TOWNS UNDER 20,000 IN POPULATION: 1900.

7,849	$2,343,994	2,920	$594,459	1,688	$166,263	$833,077	$65,632	$110,491	$646,778	$10,176	$9,699,641	$9,377,870	$321,771	$16,886,345	1
524	199,435	14	2,470	6	628	27,356	4,646	5,064	17,646	------	313,395	299,460	13,935	664,706	2
466	128,307	230	36,300	148	10,576	42,030	6,638	6,093	29,119	180	553,201	536,445	16,756	950,234	3
262	82,018	195	26,519	115	9,166	23,162	580	4,340	18,242	------	596,399	587,169	9,230	1,024,949	4
534	244,292	6	1,970	10	1,254	39,144	12,095	6,479	13,200	7,370	551,817	541,411	10,406	1,171,378	5
59	14,125	8	975	8	727	5,266	1,348	1,035	2,467	416	54,151	51,635	2,516	115,941	6
2,777	786,220	1,591	365,921	442	48,219	409,280	17,735	42,306	348,779	460	3,530,786	3,448,653	82,133	6,031,699	7
302	72,949	224	35,828	226	18,973	28,239	1,998	6,203	18,338	1,700	981,967	969,020	12,947	1,365,159	8
392	112,082	45	7,525	63	6,490	17,991	4,225	2,838	10,928	------	448,693	435,953	12,740	687,129	9
522	146,776	263	55,358	236	27,656	44,981	1,012	8,973	34,946	50	561,874	540,717	21,157	1,079,133	10
324	74,125	174	33,745	211	23,814	38,405	1,906	5,413	31,086	------	459,966	443,939	16,027	783,867	11
588	170,533	24	4,055	68	4,869	37,974	3,433	4,062	30,479	------	385,439	373,041	12,398	762,688	12
360	89,505	49	8,240	47	4,822	43,451	1,595	6,513	35,346	------	403,963	394,315	9,648	679,189	13
739	223,627	97	15,553	108	9,069	75,798	8,421	11,175	56,202	------	857,990	756,112	101,878	1,570,273	14

TERRITORY OF HAWAII.

The Hawaiian Islands were acquired by the United States under the act of Congress approved July 7, 1898; and on June 14, 1900, they became a territory of the United States, with the name "Territory of Hawaii," in accordance with the provisions of the act of Congress approved April 30, 1900.

The islands composing the territory are situated in the Pacific Ocean about 2,100 miles west-southwest of San Francisco, Cal., between the nineteenth and twenty-third degrees of north latitude, and the one hundred and fifty-fifth and one hundred and sixtieth degrees of longitude, west from Greenwich. The group includes 8 inhabited islands with an area of approximately 6,449 square miles; the other islands are small and unimportant. The islands are volcanic in origin and are largely composed of barren, inaccessible mountains. The narrow strips of land extending from the bases of the mountains to the sea, and constituting but a small part of the total area, are almost the only habitable portions.

The manufacturing industries of the territory are confined to the four larger islands—Hawaii, Maui, Oahu, and Kauai—which comprise about 90 per cent of the territorial area, and had, at the census of 1900, a population of 151,325,[1] or 98.3 per cent of the total. The statistics presented can not be compared with earlier periods, for official statistics relating to manufacturing and mechanical industries in the islands were for the first time collected at the census of 1900.

Table 1 gives a summary of the statistics of manufacturing and mechanical industries of the Territory of Hawaii as returned at the census of 1900, and shows the average number of wage-earners employed in such industries in comparison with the total population of the territory.

[1] Including the island of Lanai, not separately returned, but which in 1896 was credited with a population of 105. See Report of the Census of Hawaii for 1896, page 16.

TABLE 1.—SUMMARY FOR 1900.

Number of establishments	395
Capital	$11,541,655
Salaried officials, clerks, etc., number	574
Salaries	$622,564
Wage-earners, average number	4,587
Total wages	$1,886,756
Men, 16 years and over	4,396
Wages	$1,856,336
Women, 16 years and over	151
Wages	$24,692
Children, under 16 years	40
Wages	$5,728
Miscellaneous expenses	$873,300
Cost of materials used	$12,848,663
Value of products, including custom work and repairing	$24,992,068
Total population	154,001
Wage-earners engaged in manufactures	4,587
Per cent of total population	3.0

Hawaii is an agricultural territory, but Table 1 reveals a considerable development of manufacturing and mechanical industries. In 1900 there were 395 establishments, with a capital of $11,541,655, and products valued at $24,992,068. The average number of wage-earners was 4,587, or 3 per cent of the population. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 7,430, or 4.8 per cent of the total population of the territory.

Table 2 divides the industries of the territory between the hand trades and the manufactures proper. This table also presents the statistics for establishments with a product of less than $500.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	468	$11,558,609	531	4,618	$1,889,406	$876,226	$12,856,138	$9,523,934	$3,108,662	$223,542	$25,014,036
Hand trades[1]	174	786,293	223	961	418,245	101,875	607,646	7,889	586,124	13,633	1,653,101
Establishments with a product of less than $500	73	16,954	73	31	2,650	2,926	7,475	619	6,856	----------	21,968
All other establishments	221	10,755,362	235	3,626	1,468,511	771,425	12,241,017	9,515,426	2,515,682	209,909	23,338,967

[1] Includes bicycle and tricycle repairing, 2; blacksmithing and wheelwrighting, 20; boots and shoes, custom work and repairing, 14; carpentering, 17; clothing, men's, custom work and repairing, 80; clothing, women's, dressmaking, 6; furniture, cabinetmaking, repairing, and upholstering, 6; masonry, brick and stone, 3; millinery, custom work, 2; painting, house, sign, etc., 5; plumbing, and gas and steam fitting, 5; watch, clock, and jewelry repairing, 14.

Of the 468 establishments of all classes, shown in this table, 247, or 52.8 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $1,675,069, or only 6.7 per cent of the total value of the products of the territory.

In addition to the 468 active establishments in the territory during the census year, with a capital of $11,558,609, shown in Table 2, there were 4 idle establishments, all in the sugar industry, with a capital of $617,834.

The industrial position of Hawaii is unique in that most of the manufacturing and mechanical industries are maintained for supplying local demands. The exceptions are the sugar industry, coffee cleaning, and rice cleaning and polishing; and the production of rice and coffee is only slightly in excess of local requirements. High grades of brown sugar are produced, almost all of which is shipped to the United States. No molasses is made, as the percentage of sugar extracted is so high as to render the residuum valueless for any purpose except that of a fertilizer, and no sugar is refined. Upon the sugar industry all other industries are dependent, and the prosperity of the islands increases or diminishes as this thrives or languishes.

Lack of labor is a serious obstacle to the complete development of Hawaiian industries, although wages, both of skilled and unskilled employees, in many occupations are, as a rule, higher than those paid elsewhere, and continuous employment is afforded. There are practically no unemployed.

The United States Department of Labor conducted an investigation of labor conditions in the territory during the winter of 1900–1901, and has furnished the Census Office with the following table from its forthcoming report to Congress upon the subject, showing the average rates of wages paid per day in various occupations, both in the city of Honolulu and in suburban sugar-producing establishments. It is to be noted that all employees of sugar-producing establishments are supplied with dwelling houses and fuel in addition to their wages.

OCCUPATIONS.	AVERAGE RATE OF WAGES PER DAY.				
	In suburban sugar-producing establishments.	In urban industries.			
		Railroad shops.	Planing mills.	Foundry and machine shops.	Building trades.
Blacksmiths	$3.00½	$3.20½		$4.43½	
Boiler makers	4.16	4.50		4.50	
Bricklayers	6.93				$5.77½
Carpenters				3.65	3.59½
Carvers, stone					6.50
Chippers				2.50	
Coppersmiths				3.00	
Cornice makers					4.00
Machinists	3.82½	3.48½		3.95	
Machine hands			$4.25		
Masons, stone					3.42½
Molders		4.00		4.09½	
Painters, house					2.72½
Pattern makers		4.50		3.56½	
Planer hands			4.50		
Plasterers					5.30
Plumbers					5.00
Sticker hands			5.00		
Structural iron workers				3.37½	
Sugar boilers	5.17½				
Tinners					2.75
Turners			4.00		
Wheelwrights	4.00				

While it is not the province of this bulletin to discuss the agricultural features of the territory, it is necessary to refer to them in order to convey a clear understanding of the general industrial situation and, particularly, the prevailing labor conditions. The profitable production of sugar, upon which the industrial prosperity of the territory is founded, is dependent upon the extent of the successful production of sugar-cane. The labor employed in this, the agricultural, branch of the sugar industry is almost wholly Mongolian.

The annexation of the Hawaiian Islands brought them within the scope of the United States laws prohibiting the immigration of Chinese and the importation of laborers under contract. The ranks of these nationalities in the territory have been heavily depleted since annexation, not only by natural causes, death or disability, but by a steady exodus of considerable numbers who, having accumulated sufficient means either to constitute a competence or to enable them to embark in business in their own countries, have returned to their native lands. This diminution is constantly going on, and all efforts to fill the enlarging gap in the labor supply have thus far proved

futile. A few hundred laborers have been brought from Porto Rico, but not in sufficient numbers to supply the growing deficiency; and efforts to procure satisfactory laborers from other sections of the United States have failed. Not only is the number of laborers barely sufficient to properly carry on plantation work in its present development, but the laborers' knowledge of the situation has had the effect of rendering them, as a rule, careless and negligent in prosecuting their employment and irregular in its performance, it being well understood that employers will not readily dismiss inefficient employees, owing to the difficulty of supplying their places.

Table 5 shows that the manufacture of sugar is by far the most important industry in the territory. The 44 establishments reported for this industry gave employment to 2,369 persons, or 51.6 per cent of the wage-earners of the territory, and the products were valued at $19,254,773, or 77 per cent of the total value of the products.

The manufacture of sugar in the islands began about sixty-five years ago. The crude machinery and primitive methods were not greatly improved upon for many years and the output was small until 1875, when the manufacture received great impetus. New mills of the best kind, equipped with modern machinery, have since been built.

Some of the other industries in Hawaii are worthy of mention, although none of them approaches in importance the manufacture of sugar. The industry which ranks second in the value of products is the manufacture of fertilizers. There were 8 establishments in this industry in 1900, with 126 wage-earners, and products valued at $1,150,625.

The manufacture of foundry and machine shop products ranks third. There were 4 establishments in this industry in 1900, with 363 wage-earners, and products valued at $1,107,030.

There were 41 establishments in the cleaning and polishing of rice in 1900, with 173 wage-earners, and products valued at $664,300.

URBAN MANUFACTURES.

The only city in the territory of sufficient importance to justify a separate presentation of statistics is Honolulu. Table 3 shows the totals for the industries in this city, and places them in comparison with the totals for the entire territory.

TABLE 3.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Total for territory	395	$11,541,655	458	4,587	$1,886,756	$873,300	$12,848,663	$24,992,068
City of Honolulu	119	2,964,332	159	1,708	976,784	201,958	2,426,046	4,613,125
Per cent of Honolulu to territory	30.1	25.7	34.7	37.2	51.8	23.1	18.9	18.5

The relative importance of Honolulu as regards manufactures is clearly indicated by Table 3. With a population of 39,306, or 25.5 per cent of that of the territory, at the census of 1900, the city had 119, or 30.1 per cent of the 395 establishments in the territory, with 25.7 per cent of their total capital. Of the total number of wage-earners, 37.2 per cent were employed in the city, to whom was paid 51.8 per cent of the total wages. Notwithstanding these large proportions, the value of products amounted to only 18.5 per cent of the total for the territory. This is due to the large proportion of sugar manufactured in suburban establishments. The manufacture of foundry and machine shop products is the most important industry of the city. It is almost wholly based on the constant demands of the sugar-producing establishments for millwork and machinery.

Table 4 shows the totals for the territory by islands.

Table 5 shows the totals for the territory by specified industries.

Table 6 shows the totals for the city of Honolulu by specified industries.

TABLE 4.—MANUFACTURES

	ISLANDS, AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The Territory	395	$11,541,655	$190,503	$1,693,344	$7,579,378	$2,078,430	458	574	$622,564	4,587	$1,886,756
2	Hawaii	129	2,835,516	11,869	660,986	2,029,675	132,986	127	159	166,484	1,195	409,159
3	Kauai	67	1,653,011	23,195	101,545	1,425,448	102,823	78	126	96,769	714	220,451
4	Maui	46	1,990,758	1,575	210,380	1,759,733	19,070	38	74	69,438	593	160,513
5	Oahu	153	5,062,370	153,864	720,433	2,364,522	1,823,551	215	215	289,873	2,085	1,096,633

TABLE 5.—MANUFACTURES

1	All industries	395	$11,541,655	$190,503	$1,693,344	$7,579,378	$2,078,430	458	574	$622,564	4,587	$1,886,756
2	Blacksmithing and wheelwrighting	20	17,078	275	6,980	8,496	6,327	27			21	6,972
3	Boots and shoes, custom work and repairing.	14	17,551		250	4,270	13,031	23	3	984	39	10,550
4	Bread and other bakery products	8	2,378		300	390	1,688	10			4	901
5	Carpentering	17	360,560	250	24,200	54,925	281,185	23	21	15,756	414	170,948
6	Carriages and wagons	7	80,993	800	8,175	10,760	61,758	4	2	3,600	51	32,880
7	Clothing, men's, custom work and repairing.	80	111,307	100	1,750	10,415	99,042	103	3	1,420	194	59,284
8	Clothing, women's, dressmaking	6	5,775			995	4,780	10			21	5,183
9	Coffee and spice, roasting and grinding	4	86,114	10,050	12,200	10,700	53,164	7	2	2,500	17	4,214
10	Coffee cleaning	6	70,379	8,822	17,223	29,116	15,218	3	4	2,760	47	8,924
11	Fertilizers	3	915,304	39,744	196,428	36,856	642,276		11	38,090	126	49,230
12	Food preparations	27	22,735	3,270	3,620	4,960	10,885	43	2	1,256	82	16,789
13	Foundry and machine shop products	4	607,883	25,000	170,600	217,250	195,033	1	25	63,476	363	337,488
14	Furniture, cabinetmaking, repairing, and upholstering.	6	21,825		50	1,475	20,300	7	4	4,700	30	19,068
15	Hats and caps, not including fur hats, and wool hats.	3	10,073		30	1,195	8,848	3	5	1,693	10	3,974
16	Ice, artificial	4	137,271	52,097	30,251	52,337	2,586	2	4	6,365	19	12,015
17	Lumber, planing mill products, including sash, doors, and blinds.	3	46,716		10,135	15,702	20,879	1	4	6,600	35	21,736
18	Masonry, brick and stone	3	194,903	5,000	10,172	11,664	168,067	2	15	23,995	137	115,881
19	Mineral and soda waters	7	60,582	500	1,850	30,768	27,464	7	4	3,960	35	10,868
20	Painting, house, sign, etc	5	1,324	50	300	250	724	7			8	2,470
21	Photography	13	27,183		575	8,580	18,028	14	4	4,380	10	6,480
22	Plumbing, and gas and steam fitting	5	24,425		1,100	3,925	19,400	4	2	2,015	13	12,833
23	Printing and publishing, book and job	5	28,269		5,000	16,886	6,383	3	3	4,392	21	11,894
24	Printing and publishing, newspapers and periodicals.	5	81,935			56,503	25,432	4	28	36,192	111	70,052
25	Rice, cleaning and polishing	41	381,625	28,465	56,850	70,200	226,110	76	18	12,100	173	49,124
26	Saddlery and harness	7	29,475	30	3,070	3,575	22,800	7			21	15,626
27	Sugar	44	7,991,642	16,300	1,118,427	6,856,915		5	385	363,610	2,369	748,116
28	Tinsmithing, coppersmithing, and sheet-iron working.	12	54,875			11,295	43,580	15	4	3,284	36	22,424
29	Watch, clock, and jewelry repairing	14	16,045			8,350	7,695	14			19	8,138
30	All other industries[1]	22	135,430	250	13,808	45,625	75,747	33	21	19,436	111	52,744

[1] Embraces awnings, tents, and sails, 2; bicycle and tricycle repairing, 2; cars and general shop construction and repairs by steam railroad companies, 1; charcoal, 2; clothing, women's, factory product, 1; confectionery, 2; jewelry, 2; leather, tanned, curried, and finished, 1; marble and stone work, 1; millinery, custom work, 2; oil, castor, 1; pickles, preserves, and sauces, 2; ship and boat building, wooden, 2; soap and candles, 1.

TABLE 6.—MANUFACTURES IN HONOLULU

1	All industries	119	$2,964,332	$135,764	$481,883	$541,594	$1,805,091	159	146	$224,866	1,708	$976,784
2	Blacksmithing and wheelwrighting	3	7,350		3,500	1,250	2,600	9			6	2,173
3	Boots and shoes, custom work and repairing.	6	14,275			3,425	10,850	14	3	984	37	9,890
4	Carpentering	7	346,175		23,500	53,450	269,225	13	21	15,756	355	137,037
5	Clothing, men's, custom work and repairing.	28	81,509			6,409	75,100	39	3	1,420	149	48,446
6	Clothing, women's, dressmaking	4	4,980			880	4,100	8			20	5,123
7	Foundry and machine shop products	3	605,833	25,000	170,000	216,500	194,333		25	63,476	362	337,288
8	Furniture, cabinetmaking, repairing, and upholstering.	5	20,250			1,450	18,800	6	4	4,700	29	18,728
9	Photography	3	23,740		500	6,090	17,150	2	4	4,380	9	6,000
10	Printing and publishing, newspapers and periodicals.	5	81,935			56,503	25,432	4	28	36,192	111	70,052
11	Rice, cleaning and polishing	4	156,770	4,020	28,500	14,000	110,250	15	4	6,120	29	14,380
12	Saddlery and harness	4	19,650			1,950	17,700	5			13	10,578
13	Tinsmithing, coppersmithing, and sheet-iron working.	9	53,952			10,985	42,967	12	4	3,284	35	22,136
14	Watch, clock, and jewelry repairing	8	12,050			5,500	6,550	7			18	7,852
15	All other industries[1]	30	1,535,863	106,744	255,883	163,202	1,010,034	25	50	88,554	535	287,101

[1] Embraces awnings, tents, and sails, 2; bicycle and tricycle repairing, 2; carriages and wagons, 2; clothing, women's, factory product, 1; coffee and spice, roasting and grinding, 2; fertilizers, 2; food preparations, 1; hats and caps, not including fur hats and wool hats, 2; ice, manufactured 1; jewelry, 2; leather, tanned,

BY ISLANDS: 1900.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
4,396	$1,856,336	151	$24,692	40	$5,728	$873,300	$93,635	$101,261	$656,655	$21,749	$12,848,663	$12,700,254	$148,409	$24,992,068	1
1,138	401,084	51	7,182	6	893	183,962	12,147	25,717	143,245	2,853	4,592,082	4,586,119	5,963	8,407,093	2
676	215,996	33	3,979	5	476	164,615	8,306	16,275	139,834	200	2,255,515	2,211,965	43,550	4,542,858	3
575	158,042	18	2,471			199,848	2,108	19,656	177,964	120	1,692,857	1,676,522	16,335	3,778,422	4
2,007	1,081,214	49	11,060	29	4,359	324,875	71,074	39,613	195,612	18,576	4,308,209	4,225,648	82,561	8,263,695	5

BY SPECIFIED INDUSTRIES: 1900.

4,396	$1,856,336	151	$24,692	40	$5,728	$873,300	$93,635	$101,261	$656,655	$21,749	$12,848,663	$12,700,254	$148,409	$24,992,068	1
21	6,972					1,896	1,268	33	475	120	15,109	13,865	1,244	40,513	2
36	9,904	1	70	2	576	4,320	3,871	97	352		20,424	20,424		46,533	3
3	757			1	144	795	640	10	145		4,770	4,331	439	10,049	4
414	170,948					30,577	8,363	993	18,376	2,845	187,771	182,509	5,262	492,091	5
50	32,672			1	208	3,745	2,066	438	1,241		50,202	47,819	2,383	105,855	6
176	56,538	12	1,674	6	1,022	20,790	15,544	536	4,074	636	127,002	126,555	447	268,028	7
15	4,291	1	60	5	832	1,213	1,071	17	125		8,115	8,115		18,205	8
5	2,395	3	1,132	9	687	1,580	290	556	724		25,992	25,500	492	38,401	9
18	4,945	29	3,979			2,558	506	83	1,969		60,468	59,398	1,070	94,810	10
126	49,230					20,720	25	7,400	13,295		915,035	908,567	6,468	1,150,625	11
77	16,039	5	750			5,540	2,958	191	2,391		25,145	22,548	2,597	61,932	12
359	336,749	2	375	2	364	33,546	7,560	4,084	21,894	8	587,236	551,027	36,209	1,107,030	13
30	19,068					2,641	1,980	51	610		19,230	19,230		59,635	14
7	3,062	3	912			2,417	1,630	120	667		10,703	10,703		24,946	15
19	12,015					5,805	100	1,160	4,545		15,735	1,047	14,688	56,522	16
85	21,736					4,327	2,000	767	795	765	42,276	39,464	2,812	91,261	17
187	115,881					29,989	1,500	409	10,905	17,175	163,430	162,680	750	566,650	18
35	10,868					4,783	1,132	617	3,034		24,579	23,957	622	88,977	19
8	2,470					357	220	5	132		3,930	3,930		9,332	20
10	6,480					3,581	2,828	129	624		10,540	10,530	10	31,835	21
13	12,833					1,503	905	80	318	200	30,450	30,192	258	70,570	22
17	11,274			4	620	1,862	916	49	897		4,441	4,188	253	28,712	23
101	66,412	10	3,640			12,512	5,196	503	6,813		28,736	23,686	5,050	170,804	24
171	48,800			2	324	23,329	8,610	2,174	12,545		481,925	477,068	4,857	664,300	25
21	15,626					3,600	2,456	128	1,016		47,332	47,332		77,900	26
2,286	737,219	79	10,674	4	223	620,733		79,455	541,278		9,777,922	9,720,398	57,524	19,254,773	27
36	22,424					6,175	4,750	350	1,075		38,149	35,747	2,402	91,097	28
17	7,826			2	312	5,258	4,565	55	638		9,538	9,259	279	36,500	29
103	50,902	6	1,426	2	416	17,148	10,685	761	5,702		112,478	110,185	2,293	234,182	30

BY SPECIFIED INDUSTRIES: 1900.

1,641	$962,866	38	$9,559	29	$4,359	$201,958	$69,795	$18,836	$94,751	$18,576	$2,426,046	$2,344,350	$81,696	$4,613,125	1
6	2,173					567	443	15	109		7,440	7,000	440	14,800	2
34	9,244	1	70	2	576	3,381	3,141	89	151		16,510	16,510		36,965	3
355	137,037					26,881	8,108	952	17,821		156,902	151,728	5,174	412,017	4
136	46,488	9	1,254	4	704	16,128	11,661	409	3,422	636	94,743	94,510	233	192,630	5
15	4,291			5	832	1,038	911	17	110		6,200	6,200		15,180	6
358	336,549	2	375	2	364	33,372	7,500	4,072	21,800		586,831	550,677	36,154	1,104,930	7
29	18,728					2,430	1,860	35	535		18,040	18,040		57,650	8
9	6,000					2,829	2,300	129	400		8,740	8,740		23,720	9
101	66,412	10	3,640			12,512	5,196	503	6,813		28,736	23,686	5,050	170,804	10
29	14,380					8,194	1,420	795	5,979		133,971	130,014	3,957	188,413	11
13	10,578					2,637	1,836	85	716		28,465	28,465		48,700	12
35	22,136					5,487	4,150	348	989		37,307	34,950	2,357	88,092	13
16	7,540			2	312	4,232	3,734	52	446		8,494	8,229	265	31,000	14
505	281,310	16	4,220	14	1,571	82,270	17,535	11,335	35,460	17,940	1,293,667	1,265,601	28,066	2,228,224	15

curried, and finished, 1; lumber, planing mill products, including sash, doors, and blinds, 1; masonry, brick and stone, 2; millinery, custom work, 2; mineral and soda waters, 1; plumbing, and gas and steam fitting, 2; printing and publishing, book and job, 1; ship and boat building, wooden, 2; soap and candles, 1.

IDAHO.

Table 1 shows the manufacturing and mechanical industries of the state of Idaho as returned at the censuses of 1870 (the first census at which separate totals were published) to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1870 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.				PER CENT OF INCREASE.		
	1900	1890	1880	1870	1890 to 1900	1880 to 1890	1870 to 1880
Number of establishments	591	140	162	101	322.1	[1]13.6	60.4
Capital	$2,941,524	$1,048,916	$677,215	$742,300	180.4	54.9	[1]8.8
Salaried officials, clerks, etc., number	97	[2]107	(3)	(3)	[1]9.3		
Salaries	$70,786	[2]$68,295	(3)	(3)	3.6		
Wage-earners, average number	1,477	667	388	265	121.4	71.9	46.4
Total wages	$862,088	$255,907	$136,326	$112,372	236.9	87.7	21.3
Men, 16 years and over	1,395	629	374	264	121.8	68.2	41.7
Wages	$841,755	$250,262	(3)	(3)	236.3		
Women, 16 years and over	59	21	8		181.0	162.5	
Wages	$18,160	$3,835	(3)		373.5		
Children, under 16 years	23	17	6	1	35.3	183.3	500.0
Wages	$2,173	$1,810	(3)	(3)	20.1		
Miscellaneous expenses	$142,596	$69,586	(4)	(4)	104.9		
Cost of materials used	$2,055,368	$638,673	$344,874	$691,785	221.8	[1]24.4	22.1
Value of products, including custom work and repairing	$4,020,532	$1,396,096	$1,271,317	$1,047,624	188.0	9.8	21.4
Total population	[5]159,147	84,385	32,610	14,999	88.6	158.8	117.4
Wage-earners engaged in manufactures	1,477	667	388	265	121.4	71.9	46.4
Per cent of total population	0.9	0.8	1.2	1.8			
Assessed value of real estate	(6)	$9,977,463	$2,297,526	$1,926,565		334.3	19.3
Value of land and buildings invested in manufactures[7]	$958,991	$226,668	(3)	(3)	323.1		
Per cent of assessed value		2.3					

[1] Decrease.
[2] Includes proprietors and firm members with their salaries; number only reported in 1900. (See Table 4.)
[3] Not reported separately.
[4] Not reported.
[5] Exclusive of 2,625 Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[6] Figures not accessible.
[7] Does not include value of rented property.

The table indicates a healthy growth in the manufactures of the state during the past thirty years, the value of products increasing 283.8 per cent, and the amount paid for wages 667.2 per cent, from 1870 to 1900.

Mining and agriculture are the principal industries of the state. Its mountains are well supplied with gold, silver, lead, and copper, while the river valleys are unsurpassed for the growth of cereals and the raising of stock. More than one-fifth of the lead product of the United States in 1899[1] was taken from the mines of this state, and in the production of silver Idaho ranked fourth.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for a governmental establishment and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables, and their use confined to Table 2.

[1] All statements regarding minerals for 1899 have been taken from the annual report of the Geological Survey, 1899-1900, Part VI, Mineral Resources of the United States.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total Wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	667	$2,980,757	749	1,486	$863,664	$144,571	$2,063,674	$814,938	$1,120,914	$127,822	$4,040,851
Hand trades[1]	208	316,137	247	164	102,137	25,100	230,423	200	202,801	27,422	577,776
Governmental establishment	1	6,700		2	1,260		1,995	1,420	325	250	2,747
Establishments with a product of less than $500	75	32,533	80	7	316	1,975	6,311		6,201	110	17,572
All other establishments	383	2,625,387	422	1,313	759,951	117,496	1,824,945	813,318	911,587	100,040	3,442,756

[1] Includes bicycle and tricycle repairing, 6; blacksmithing and wheelwrighting, 94; boots and shoes, custom work and repairing, 19; carpentering, 12; clothing, men's, custom work and repairing, 11; clothing, women's, dressmaking, 4; furniture, cabinetmaking, repairing, and upholstering, 5; lock and gun smithing, 2; millinery, custom work, 22; painting, house, sign, etc., 7; plumbing, and gas and steam fitting, 2; taxidermy, 1; watch, clock, and jewelry repairing, 23.

Of the 667 establishments of all classes shown in this table, 283, or 42.4 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $595,348, or 14.7 per cent of the total products of the state.

Manufacturing is largely limited to the production or repair of articles for local consumption, and the demand for these products has stimulated the growth of the so-called neighborhood industries.

In addition to the 667 active establishments in the state during the census year, with a capital of $2,980,757, shown in Table 2, there were 2 idle establishments with a capital of $26,275.

There are no cities or towns in the state with a population of 20,000 or over, and no cities or towns were withdrawn from the enumerators for special presentation.

Table 3 shows the totals for the state by counties. Of the 591 establishments reported for the state, 269, or 45.5 per cent, are located in the counties of Ada, Bannock, Kootenai, Latah, and Nez Perce, in which are also located

the principal cities and towns. The establishments in these counties give employment to 980 wage-earners, or 66.4 per cent of the total number in the state. They also pay 68 per cent of the total wages, and the value of their products forms 58.4 per cent of the total for the state.

Table 4 shows the totals for the state by specified industries. From this table it appears that the manufacture of lumber and timber products is the principal manufacturing industry of the state. There were in 1893 some 7,000,000 acres of timber land in the state, a supply which has only begun to be worked.[1] This abundance of timber land has resulted in a marked development of the manufacture of lumber and timber products. The number of establishments engaged in this industry has increased from 44 to 117 since 1890, while the capital employed and the value of products have increased 97.6 and 48.4 per cent, respectively.

[1] "Idaho," published by the Idaho World's Fair Commissioner, 1893.

TABLE 3.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	591	$2,941,524	$415,267	$543,724	$950,625	$1,031,908	669	97	$70,786	1,477	$862,088
2	Ada	61	323,594	45,250	45,700	110,088	122,556	74	16	14,530	148	86,356
3	Bannock	45	350,859	68,866	81,817	121,093	79,083	42	16	14,686	427	297,038
4	Bear Lake	24	50,672	4,820	10,413	17,649	17,790	28	2	1,825	47	30,348
5	Bingham	25	127,277	7,925	27,875	39,460	52,017	24	3	2,400	42	22,737
6	Blaine[1]	5	18,100	1,950	4,650	9,900	1,600	3	3	1,800	11	7,732
7	Boise	21	70,328	5,840	5,880	30,645	27,963	29	2	1,400	33	15,004
8	Canyon	27	78,395	5,920	21,662	29,647	21,166	26	3	1,497	32	11,910
9	Cassia	12	49,024	7,870	12,440	19,070	9,644	15	2	300	11	3,350
10	Custer	10	39,879	1,284	21,550	9,475	7,570	9	3	6,500	11	7,933
11	Elmore	17	25,301	5,750	1,076	8,550	9,925	16	------	------	9	3,770
12	Fremont	32	142,090	15,305	26,589	47,847	52,349	40	7	3,623	44	22,888
13	Idaho	33	148,055	14,480	29,175	52,525	51,875	37	2	600	57	28,305
14	Kootenai	31	280,763	51,576	36,050	72,565	120,572	32	15	9,084	113	52,567
15	Latah	80	388,473	97,615	49,880	113,680	127,298	102	6	2,956	128	55,431
16	Lemhi	13	25,775	2,970	2,800	14,215	5,790	15	------	------	20	10,664
17	Nez Perce	52	346,817	38,575	41,915	110,050	156,277	57	11	6,010	164	94,786
18	Oneida	23	114,143	7,484	23,986	46,675	35,998	27	2	695	33	14,046
19	Owyhee	11	30,455	460	3,565	13,520	12,910	12	------	------	11	6,256
20	Shoshone	31	138,939	18,650	35,580	32,525	52,184	33	------	------	80	60,189
21	Washington	38	192,585	12,677	61,121	51,446	67,341	48	4	2,880	56	30,778

[1] Two establishments in Lincoln county are included in Blaine county totals to avoid disclosing operations of individual establishments.

TABLE 4.—MANUFACTURES BY

1	All industries	591	$2,941,524	$415,267	$543,724	$950,625	$1,031,908	669	97	$70,786	1,477	$862,088
2	Bicycle and tricycle repairing	6	4,400	200	300	2,800	1,100	6	------	------	2	1,400
3	Blacksmithing and wheelwrighting	94	131,520	17,917	20,312	26,975	66,316	113	------	------	49	28,782
4	Boots and shoes, custom work and repairing.	19	18,583	2,420	4,180	6,400	5,583	20	------	------	3	1,972
5	Brick and tile	23	49,457	8,880	10,125	7,340	23,112	28	------	------	43	17,664
6	Carpentering	12	29,878	7,450	7,100	5,410	9,918	14	------	------	43	30,990
7	Cars and general shop construction and repairs by steam railroad companies.	4	177,912	28,000	67,991	66,912	15,009	------	12	13,326	399	293,396
8	Cheese, butter, and condensed milk, factory product.	19	74,693	3,350	28,415	33,246	9,682	11	8	3,395	14	7,076
9	Clothing, men's, custom work and repairing.	11	18,075	1,000	400	1,850	14,825	14	------	------	18	13,042
10	Clothing, women's, dressmaking	4	1,190	------	------	250	940	5	------	------	2	900
11	Flouring and grist mill products	34	569,107	39,114	144,350	206,384	179,259	30	20	14,170	76	46,453
12	Foundry and machine shop products	5	53,821	3,450	10,200	24,550	15,621	7	1	1,500	29	22,130
13	Furniture, cabinetmaking, repairing, and upholstering.	5	19,400	500	1,900	1,100	15,900	8	------	------	4	3,400
14	Liquors, malt	16	144,032	22,150	69,600	34,965	17,317	19	1	600	29	19,064
15	Lumber and timber products	117	913,352	210,484	72,315	294,663	335,890	141	21	13,740	406	180,179
16	Lumber, planing mill products, including sash, doors, and blinds.	7	37,640	6,700	3,040	9,400	18,500	7	1	360	11	6,750
17	Millinery, custom work	22	21,625	1,820	2,210	515	17,080	27	------	------	19	6,080
18	Mineral and soda waters	5	24,635	3,400	6,000	8,325	6,910	5	1	600	8	6,740
19	Painting, house, sign, etc	7	14,300	225	1,775	1,525	10,775	10	------	------	12	6,931
20	Photography	10	13,022	2,100	2,525	4,405	3,992	11	------	------	4	4,050
21	Printing and publishing, book and job	3	5,275	------	------	3,400	1,875	4	------	------	3	1,400
22	Printing and publishing, newspapers and periodicals.	66	280,804	22,865	25,375	154,123	78,441	73	17	11,600	187	92,819
23	Saddlery and harness	28	107,249	13,177	16,200	10,552	67,320	35	4	2,925	28	14,588
24	Tinsmithing, coppersmithing, and sheet-iron working.	17	45,855	2,640	7,590	11,375	24,250	19	------	------	26	20,979
25	Tobacco, cigars and cigarettes	6	11,543	2,250	1,775	490	7,028	7	------	------	9	5,285
26	Watch, clock, and jewelry repairing	23	47,791	7,925	6,396	8,320	25,150	26	------	------	7	5,940
27	All other industries[1]	28	126,365	7,250	33,650	25,350	60,115	29	11	8,570	46	24,078

[1] Embraces bottling, 1; bread and other bakery products, 2; carpets, rag, 2; confectionery, 2; fruits and vegetables, canning and preserving, 2; furniture, factory product, 1; hosiery and knit goods, 1; lead, smelting and refining, 1; lime and cement, 1; liquors, distilled, 1; lock and gun smithing, 2; looking-glass

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
1,395	$841,755	59	$18,160	23	$2,173	$142,596	$29,553	$28,403	$82,365	$2,275	$2,055,368	$1,991,392	$63,976	$4,020,532	1
134	81,196	14	5,160			29,411	8,298	3,500	16,863	750	158,273	153,443	4,830	378,772	2
422	296,033	2	890	3	115	11,785	2,190	3,556	5,739	300	334,354	329,893	4,461	712,289	3
43	29,268	3	955	1	125	1,792	611	573	608		42,532	41,197	1,335	93,646	4
40	21,987	2	750			6,092	1,278	1,472	3,317	25	122,324	116,847	5,477	195,961	5
10	7,660			1	72	2,029	30	264	1,735		3,254	3,076	178	24,550	6
32	14,909	1	95			2,879		725	2,154		55,605	55,201	404	103,850	7
25	11,060	4	550	3	300	2,396	794	395	1,207		49,128	45,308	3,820	88,228	8
11	3,350					1,367	56	494	817		23,733	23,162	571	41,146	9
11	7,933					1,340		935	405		87,889	76,655	11,234	114,212	10
9	3,770					1,668	907	340	421		9,356	8,847	509	24,895	11
42	22,588	2	300			6,002	886	1,348	3,768		125,163	122,716	2,447	192,804	12
54	27,565	2	620	1	120	9,972	910	1,541	6,874	647	98,940	93,989	4,951	188,899	13
109	51,167	4	1,400			10,438	385	2,480	7,573		227,421	226,597	824	395,056	14
119	53,426	8	1,905	1	100	12,095	3,307	2,952	5,401	435	186,055	179,389	6,666	368,447	15
20	10,664					2,891	591	291	2,009		22,329	21,965	364	46,276	16
153	92,814	5	1,270	6	702	21,848	5,318	2,973	13,557		258,841	254,117	4,724	493,042	17
26	12,888	6	1,129	1	29	2,956	539	912	1,505		74,237	73,227	1,010	127,807	18
9	5,896	1	260	1	100	1,503	496	190	817		10,569	9,472	1,097	34,931	19
74	57,979	1	1,700	5	510	7,776	1,548	1,615	4,495	118	61,606	58,143	3,463	180,544	20
52	29,602	4	1,176			6,356	1,409	1,847	3,100		103,759	98,148	5,611	215,177	21

SPECIFIED INDUSTRIES: 1900.

1,395	$841,755	59	$18,160	23	$2,173	$142,596	$29,553	$28,403	$82,365	$2,275	$2,055,368	$1,991,392	$63,976	$4,020,532	1
2	1,400					922	470	47	405		3,652	3,615	37	10,050	2
49	28,782					5,244	2,423	1,056	1,733	32	60,492	52,837	7,655	191,712	3
3	1,972					1,569	1,134	199	236		11,195	10,801	394	25,140	4
43	17,664					1,071	257	186	628		8,233	997	7,236	43,609	5
43	30,990					2,317	196	559	727	835	82,674	82,545	129	152,963	6
399	293,396					2,743		2,723	20		214,166	210,950	3,216	523,631	7
14	7,076					1,411	48	599	764		85,140	81,840	3,300	116,056	8
15	11,500	3	1,542			3,481	2,214	184	983	100	11,298	10,967	331	41,750	9
		2	900			308	308				905	850	55	3,875	10
75	46,353			1	100	23,235	725	5,692	16,818		645,444	629,312	16,132	832,207	11
29	22,130					878	180	287	411		23,959	21,624	2,335	64,272	12
4	3,400					1,642	522	80	1,040		8,900	8,800	100	21,981	13
29	19,064					26,195	540	2,637	23,018		19,301	17,031	2,270	74,868	14
398	178,779	8	1,400			17,942	1,510	6,529	9,903		482,200	482,150	50	937,665	15
11	6,750					1,033	250	250	525	8	20,201	19,721	480	36,620	16
		19	6,080			3,483	2,576	225	682		24,228	23,969	259	48,112	17
7	6,560	1	180			752	60	419	273		11,179	10,651	528	26,395	18
12	6,931					806	418	73	315		6,985	6,970	15	23,194	19
3	3,150	1	900			1,073	523	108	442		5,934	5,828	106	20,190	20
3	1,400					1,078	720	43	315		2,404	2,340	64	7,400	21
150	85,696	19	5,574	18	1,549	19,254	5,057	2,198	10,699	1,300	67,022	62,119	4,903	299,805	22
28	14,588					5,752	2,486	1,339	1,927		54,185	53,838	347	142,789	23
25	20,844			1	135	3,748	2,124	635	989		43,135	42,408	727	86,600	24
9	5,285					3,111	576	169	2,366		9,026	8,928	98	22,684	25
7	5,940					4,775	2,859	669	1,247		9,879	9,464	415	41,179	26
37	22,105	6	1,584	3	889	8,773	1,377	1,497	5,899		143,631	130,837	12,794	225,785	27

and picture frames, 2; monuments and tombstones, 2; plumbing, and gas and steam fitting, 2; pottery, terra cotta, and fire-clay products, 1; ship and boat building, wooden, 1; soap and candles, 2; taxidermy, 1; woolen goods, 1.

ILLINOIS.

Table 1 shows the manufacturing and mechanical industries of the state of Illinois as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	38,360	20,482	14,549	12,597	4,268	3,162	87.3	40.8	15.5	195.1	35.0
Capital	$776,829,598	$502,004,512	$140,652,066	$94,368,057	$27,548,563	$6,217,765	54.7	256.9	49.0	242.6	343.1
Salaried officials, clerks, etc., number	44,342	[1]31,980	(2)	(2)	(2)	(2)	38.7	-------	-------	-------	-------
Salaries	$43,337,464	[1]$28,650,314	(2)	(2)	(2)	(2)	51.3	-------	-------	-------	-------
Wage-earners, average number	395,110	280,218	144,727	82,979	22,968	11,559	41.0	93.6	74.4	261.3	98.7
Total wages	$191,510,962	$142,873,265	$57,429,085	$31,100,244	$7,637,921	$3,204,336	34.0	148.8	84.7	307.2	138.4
Men, 16 years and over	325,713	241,882	120,558	73,045	22,489	11,066	34.7	100.6	65.0	224.8	103.2
Wages	$172,659,499	$132,596,470	(2)	(2)	(2)	(2)	30.2	-------	-------	-------	-------
Women, 16 years and over	58,978	32,910	15,233	6,717	479	493	79.2	116.0	126.8	1,302.3	[3]2.8
Wages	$16,964,974	$9,492,151	(2)	(2)	(2)	(2)	78.7	-------	-------	-------	-------
Children, under 16 years	10,419	5,426	8,936	3,217	(2)	(2)	92.0	[3]39.3	177.8	-------	-------
Wages	$1,886,489	$784,644	(2)	(2)	(2)	(2)	140.4	-------	-------	-------	-------
Miscellaneous expenses	$130,876,318	$79,515,193	(4)	(4)	(4)	(4)	64.6	-------	-------	-------	-------
Cost of materials used	$739,754,414	$529,019,089	$289,843,907	$127,600,077	$35,558,782	$8,959,327	39.8	82.5	127.2	258.8	296.9
Value of products, including custom work and repairing	$1,259,730,168	$908,640,280	$414,864,673	$205,620,672	$57,580,886	$16,534,272	38.6	119.0	101.8	257.1	248.3
Total population	4,821,550	3,826,351	3,077,871	2,539,891	1,711,951	851,470	26.0	24.3	21.2	48.4	101.1
Wage-earners engaged in manufactures	395,110	280,218	144,727	82,979	22,968	11,559	41.0	93.6	74.4	261.3	98.7
Per cent of total population	8.2	7.3	4.7	3.3	1.3	1.4	-------	-------	-------	-------	-------
Assessed value of real estate	[5]$809,733,405	$587,442,289	$575,441,053	$348,433,906	$287,219,940	$81,524,835	37.8	2.1	65.2	21.3	252.8
Value of land and buildings invested in manufactures[6]	$195,616,265	$130,740,527	(2)	(2)	(2)	(2)	49.6	-------	-------	-------	-------
Per cent of assessed value	24.2	22.3	-------	-------	-------	-------	-------	-------	-------	-------	-------

[1] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[2] Not reported separately.
[3] Decrease.
[4] Not reported.
[5] As given for the year 1900 in Dana's supplement, "State and City," to the Commercial and Financial Chronicle, under date of April 13, 1901.
[6] Does not include value of rented property.

Table 1 shows that there has been a large growth in the manufacturing and mechanical industries of Illinois during the half century. The population during these years increased from 851,470 to 4,821,550, while the average number of wage-earners employed in manufacturing establishments increased from 11,559 to 395,110, embracing, in 1900, 8.2 per cent of the entire population, compared with 1.4 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 528,099, or 11 per cent of the total population of the state. The greatest percentage of increase in the value of products, 257.1 per cent, is shown for the decade ending with 1870, but the greatest absolute increase, $493,775,607, was between the years 1880 and 1890.

The high rank of Illinois as a manufacturing state is due primarily to its transportation facilities. The communication with the East afforded by Lake Michigan and its connecting waters early made Chicago the great distributing center for eastern products to all points in the West and Southwest, while the Mississippi River, bordering the western portion of the state, afforded communication with the entire Mississippi Valley. Superior railroad facilities were a direct result of the trade routes established by these opportunities for water transportation; for when railroad building began Chicago was the natural focusing point, and to reach that city all sections of the state were traversed and opened up to settlement. In 1900 there were 10,997 miles of railroads in Illinois, a larger mileage than was shown for any other state in the United States.[1] With such facilities for obtaining raw material and for marketing manufactured products, and with abundant bituminous coal in many sections of the state, the development of manufacturing has naturally been very rapid. The state ranked fifteenth in the United States in the value of its manufactured products in 1850, eighth in 1860, sixth in 1870, fourth in 1880, and third in 1890 and 1900.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for governmental establishments, educational and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

[1] Interstate Commerce Commission, Statistics of Railways in the United States, 1900, page 12.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	45,475	$779,201,565	48,713	397,919	$191,692,432	$131,090,368	$740,451,936	$294,863,938	$419,977,712	$25,610,286	$1,262,258,071
Hand trades [1]	19,300	29,327,772	21,446	50,891	26,977,104	11,535,981	45,527,913	1,007,456	43,548,681	971,776	112,389,625
Governmental establishments	2	255,500	-------	41	36,648	207	89,921	-------	87,753	2,168	172,325
Educational and penal institutions	14	288,405	-------	779	52,654	16,066	120,939	12,523	104,204	4,212	545,067
Establishments with a product of less than $500	7,099	1,828,062	7,522	1,989	92,168	197,777	486,662	53,636	430,856	2,170	1,810,511
All other establishments	19,060	747,501,826	19,745	344,219	164,533,858	119,340,337	694,226,501	293,790,323	375,806,218	24,629,960	1,147,340,543

[1] Includes bicycle and tricycle repairing, 507; blacksmithing and wheelwrighting, 3,545; boots and shoes, custom work and repairing, 1,756; carpentering, 2,203; clothing, men's, custom work and repairing, 2,345; clothing, women's, dressmaking, 2,152; dyeing and cleaning, 174; furniture, cabinetmaking, repairing, and upholstering, 473; lock and gun smithing, 138; masonry, brick and stone, 584; millinery, custom work, 1,372; painting, house, sign, etc., 1,660; paper hanging, 99; plastering and stuccowork, 234; plumbing, and gas and steam fitting, 1,072; sewing machine repairing, 30; taxidermy, 9; typewriter repairing, 4; watch, clock, and jewelry repairing, 943.

Of the 45,475 establishments of all classes shown in this table, 26,399, or 58.1 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $114,200,136, or only 9 per cent of the total value of the products of the state.

In addition to the 45,475 active establishments in the state during the census year, with a capital of $779,201,565, shown in Table 2, there were 194 idle establishments, with a capital of $6,096,601, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Agricultural implements	3	$82,000	Liquors, malt	2	$170,300
Ammunition	1	155,725	Lumber, planing mill products, including sash, doors, and blinds	4	35,900
Bicycles and tricycles	1	50,000	Masonry, brick and stone	3	21,450
Boots and shoes, factory product	3	39,000	Oil, castor	1	58,117
Brick and tile	41	1,473,173	Oil, linseed	3	170,000
Carpentering	5	34,925	Paper and wood pulp	2	199,396
Coke	2	83,700	Patent medicines and compounds	1	100,000
Copper smelting	1	119,000	Paving and paving materials	2	31,170
Flouring and grist mill products	21	238,835	Pottery, terra cotta, and fire-clay products	2	53,300
Food preparations	1	50,000	Registers, cash	1	36,000
Foundry and machine shop products	13	181,850	Starch	1	349,507
Furniture, cabinetmaking, repairing, and upholstering	2	50,350	Tobacco, stemming and rehandling	1	60,500
Furniture, factory product	2	531,800	Toys and games	1	25,000
Glass	6	258,000	Wirework, including wire rope and cable	3	62,056
Iron and steel	4	398,060	Woolen goods	4	44,850
Liquors, distilled	2	836,000	All other industries	55	96,637

TABLE 3.—COMPARATIVE SUMMARY OF TWENTY-FOUR LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	8,209	$477,485,672	219,415	$109,298,721	$95,125,408	$507,211,162	$810,636,482
	1890	5,459	316,038,271	159,281	81,685,533	63,032,547	380,137,080	621,123,759
Increase, 1890 to 1900	-------	2,750	161,447,401	60,134	27,613,188	32,092,861	127,074,082	189,512,723
Per cent of increase	-------	50.4	51.1	37.8	33.8	50.9	33.4	30.5
Per cent of total of all industries in state	1900	21.4	61.4	55.5	57.1	72.7	68.6	64.4
	1890	26.7	63.0	56.8	57.2	79.3	71.9	68.4
Agricultural implements	1900	94	62,202,330	18,231	9,064,954	5,346,224	18,859,517	42,033,796
	1890	100	48,639,383	9,502	4,608,571	3,592,439	10,102,508	24,609,660
Bicycles and tricycles	1900	60	7,694,658	4,388	2,144,897	630,442	4,836,585	8,960,421
	1890	5	565,612	653	342,478	85,650	272,904	970,000
Boots and shoes, factory product	1900	55	5,351,482	5,553	2,694,959	444,774	7,306,025	11,434,842
	1890	56	3,781,476	3,992	1,896,998	388,001	4,931,986	8,756,824
Carriages and wagons	1900	407	9,539,235	4,355	2,210,722	532,635	4,360,269	9,210,379
	1890	559	9,078,310	4,912	2,641,904	561,244	3,721,807	9,041,725
Cars and general shop construction and repairs by steam railroad companies.	1900	98	11,726,424	13,803	7,422,527	267,497	8,286,776	16,580,424
	1890	70	7,791,234	10,277	5,855,481	5,629	5,909,493	12,208,617
Cars, steam railroad, not including operations of railroad companies.	1900	17	18,732,466	9,314	5,360,756	483,271	17,075,461	24,845,606
	1890	9	10,070 784	6,879	4,234,407	217,384	10,093,125	17,117,223
Cheese, butter, and condensed milk, factory product	1900	527	4,465,752	1,483	696,688	177,417	10,199,429	12,879,299
	1890	262	2,180,685	1,344	568,218	106,850	6,582,144	8,004,951

TABLE 3.—COMPARATIVE SUMMARY OF TWENTY-FOUR LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Clay products: Total	1900	619	$12,710,709	7,229	$2,971,907	$499,355	$1,601,742	$7,224,915
	1890	644	10,670,707	10,596	3,574,177	718,661	1,495,503	7,956,082
Brick and tile	1900	566	9,198,944	5,224	2,130,854	326,909	1,025,681	5,081,394
	1890	604	8,995,599	9,153	2,885,380	575,457	1,069,369	6,399,492
Pottery, terra cotta, and fire-clay products	1900	53	3,511,765	2,005	841,053	172,446	576,061	2,143,521
	1890	40	1,675,108	1,443	688,797	143,204	426,134	1,556,590
Clothing, men's, factory product	1900	900	13,684,712	14,977	5,845,254	7,065,130	18,211,015	37,378,717
	1890	199	13,275,575	16,004	5,892,599	2,752,621	18,199,308	33,626,441
Clothing, women's, factory product	1900	169	2,946,454	4,402	1,492,295	1,143,662	5,019,054	9,774,774
	1890	71	2,793,112	2,513	1,013,673	600,030	3,257,712	6,422,431
Electrical apparatus and supplies	1900	82	11,641,177	6,048	2,818,274	1,565,404	4,675,961	12,169,425
	1890	11	395,834	260	144,006	36,544	184,625	486,730
Flouring and grist mill products	1900	871	12,062,626	2,111	1,098,006	560,980	26,848,791	31,006,294
	1890	647	13,101,860	3,550	1,480,954	905,299	31,733,747	37,974,885
Foundry and machine shop products	1900	758	51,870,701	31,851	16,881,423	4,631,669	28,603,391	63,878,352
	1890	408	29,726,767	17,200	9,445,516	2,220,217	17,313,882	38,898,114
Furniture, factory product	1900	148	10,170,833	9,757	4,449,932	1,027,409	6,715,316	15,285,475
	1890	169	8,810,006	8,504	4,524,047	588,895	5,965,615	14,406,835
Glucose	1900	6	31,978,783	2,680	1,423,805	527,061	12,988,845	18,122,814
	1890	4	3,179,714	878	503,998	334,729	2,735,488	4,370,322
Iron and steel	1900	26	43,275,739	16,642	9,640,716	3,208,240	41,729,261	60,303,144
	1890	24	33,993,919	8,685	5,220,883	793,128	30,039,674	39,011,051
Leather, tanned, curried, and finished	1900	27	4,751,474	2,263	1,145,170	181,350	5,784,474	7,847,835
	1890	30	4,876,671	1,864	1,086,318	160,141	5,770,146	8,240,803
Liquors: Total	1900	114	35,962,891	3,607	2,251,787	43,319,495	7,770,830	57,941,897
	1890	95	30,076,148	3,621	2,289,369	34,958,686	8,545,740	65,660,783
Liquors, distilled	1900	20	3,164,811	338	191,995	33,391,799	3,734,652	38,208,076
	1890	7	8,782,041	999	769,860	31,505,991	3,918,106	51,996,737
Liquors, malt	1900	94	32,798,080	3,269	2,059,792	9,927,696	4,036,178	19,733,821
	1890	88	21,294,107	2,622	1,519,509	3,452,695	4,627,634	13,664,046
Lumber and timber products	1900	837	5,246,277	3,526	1,343,640	260,073	4,619,705	7,652,118
	1890	363	4,095,212	4,089	1,037,525	360,943	2,907,390	5,135,155
Lumber, planing mill products, including sash, doors, and blinds	1900	240	6,550,568	5,122	2,576,159	572,890	6,072,377	11,141,771
	1890	206	11,301,630	8,929	5,022,149	684,019	11,712,229	20,468,903
Musical instruments and materials: Total	1900	45	11,166,100	4,670	2,391,695	932,468	3,322,647	8,156,445
	1890	25	3,673,823	1,843	980,555	206,210	1,464,289	3,546,339
Musical instruments, organs and materials	1900	16	807,698	817	337,099	152,994	517,458	1,191,197
	1890	17	3,339,923	1,401	751,079	128,266	1,112,067	2,790,889
Musical instruments, pianos and materials	1900	29	10,358,402	3,853	2,054,596	779,474	2,805,189	6,965,248
	1890	8	333,900	442	229,476	77,944	352,222	755,450
Printing and publishing: Total	1900	2,006	25,995,886	17,986	8,767,901	6,804,460	9,577,425	39,449,032
	1890	1,386	18,409,044	14,228	8,323,536	5,639,404	8,838,617	32,060,913
Printing and publishing, book and job	1900	725	13,489,172	10,455	5,036,703	3,029,709	5,394,432	19,761,780
	1890	380	8,608,810	6,533	3,614,881	2,332,999	4,800,914	14,555,068
Printing and publishing, music	1900	22	247,145	53	26,857	106,706	44,859	282,297
	1890	10	86,210	20	11,394	24,328	37,080	157,000
Printing and publishing, newspapers and periodicals	1900	1,259	12,259,569	7,478	3,704,341	3,668,045	4,138,134	19,404,955
	1890	996	9,714,024	7,675	4,697,261	3,282,077	4,000,623	17,348,845
Slaughtering: Total	1900	64	71,229,262	27,861	14,044,838	14,211,396	246,713,309	287,922,277
	1890	81	40,807,115	17,932	10,500,038	6,463,616	180,903,912	212,291,382
Slaughtering and meat packing, wholesale	1900	51	70,782,361	27,626	13,898,950	14,158,171	239,757,479	279,842,835
	1890	60	40,317,930	17,240	10,041,070	6,391,900	169,934,270	200,414,531
Slaughtering, wholesale, not including meat packing	1900	13	446,901	235	145,888	53,225	6,955,830	8,079,442
	1890	21	489,185	692	458,968	71,716	10,969,642	11,876,851
Soap and candles	1900	39	6,529,133	1,556	560,416	732,106	6,032,957	9,436,430
	1890	35	4,743,650	1,026	458,133	652,207	7,455,241	9,857,550

The 24 leading industries of the state in 1900, as shown in Table 3, embraced 8,209 establishments, or 21.4 per cent of the total number in the state; used a capital of $477,485,672, or 61.4 per cent of the total; gave employment to 219,415 wage-earners, or 55.5 per cent of the total number; and paid $109,298,721, or 57.1 per cent of the total wages. The value of their products was $810,636,482, or 64.4 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

Table 3 shows that slaughtering and meat packing is the most important industry in the state. The 64 establishments reported in 1900 gave employment to 27,861 wage-earners, or 7.1 per cent of the wage-earners employed in the state, and the products were valued at $287,922,277, or 22.9 per cent of the total value of the products of the

state. In 1890 there were 81 establishments, 17,932 wage-earners, and products valued at $212,291,382. The increase in the value of products during the decade was $75,630,895, or 35.6 per cent. Chicago is the great live-stock market for the West and Northwest. The packing of meats was begun there in 1836, before the city was incorporated, cattle and hogs being brought in on the hoof. The pioneer establishment was located very near the mouth of the Chicago River, in what is now the heart of the city. Attention was early concentrated upon the by-products, and now the entire animal is utilized. The flesh is sold as meat, the blood is dried and sold for clarifying purposes, the entrails are cleaned and made into sausage casings, the hoofs are turned into neat's-foot oil, the parings of the hoofs, hides, and bones are converted into glue, the finest of the fats are turned into butterine, lard, oils, and the finest tallow, the cruder fats are made into soap grease, the hides are marketed for the manufacture of leather, the horns are sold to comb makers, the larger bones are used for the making of knife handles and for other purposes, the switches and tail ends are sold to hair mattress makers, and the short hair which can not be dried and curled for sale is sold to felt works.

The manufacture of foundry and machine shop products ranks second among the industries of the state, with 758 establishments, 31,851 wage-earners, and products valued at $63,878,352. In 1890 there were 408 establishments, 17,200 wage-earners, and products valued at $38,898,114. The increase in the value of products during the decade was $24,980,238, or 64.2 per cent.

There were 26 establishments engaged in 1900 in the manufacture of iron and steel, the industry third in rank, with 16,642 wage-earners, and products valued at $60,303,144. In 1890 there were 24 establishments, 8,685 wage-earners, and products valued at $39,011,051. The increase in the value of products during the decade was $21,292,093, or 54.6 per cent. This industry owes its great development in Illinois to the iron mines of the Lake Superior region, the cheapness and ease with which the ore is landed on the docks at Chicago, and to the low price at which the large supplies of bituminous coal are placed on the market. The first important iron plant in the state was the rolling mill built on the north branch of the Chicago River in 1857, and the first steel rail made in the United States was rolled at this plant.[1] The next plant was built at Joliet, on the Illinois and Michigan Canal. In 1880 the plant at South Chicago was built, and in 1889 the three were merged into one company.

There were 114 establishments engaged in the manufacture of liquors in 1900, with 3,607 wage-earners, and products valued at $57,941,897. In 1890 there were 95 establishments, 3,621 wage-earners, and products valued at $65,660,783. The decrease in the value of products during the decade was $7,718,886, or 11.8 per cent. The abundance of corn caused distilleries to be started in many parts of the state at an early day, but Peoria seems to have been the most favored location, and this city has become the largest producer of whiskey and high wines in the United States. The growth of the malt liquor manufacture has also been due largely to the abundance of raw material.

There were 94 establishments engaged in the manufacture of agricultural implements in 1900, with 18,231 wage-earners, and products valued at $42,033,796. In 1890 there were 100 establishments, 9,502 wage-earners, and products valued at $24,609,660. The increase in the value of products during the decade was $17,424,136, or 70.8 per cent. The agricultural expansion of the state was so rapid that blacksmith shops early developed into agricultural implement factories. The two important raw materials, wood and iron, were obtained at low prices as a result of the cheap transportation afforded by the Great Lakes. This condition gave the rapidly growing state a great advantage, and many Eastern manufacturers of these products located their plants in the new field. Men in other pursuits changed occupations and embarked in manufacturing enterprises of this character. Competition aroused the inventive spirit, and one improvement after another followed. Plows, wagons, and all kinds of machines demanded or needed by the farmer are now made in Illinois. In many cases these enterprises are owned by families, the heads of which, after establishing the business and placing it on a successful basis, have passed it on to their sons.

There were 2,006 establishments engaged in printing and publishing in 1900, with 17,986 wage-earners, and products valued at $39,449,032. In 1890 there were 1,386 establishments, 14,228 wage-earners, and products valued at $32,060,913. The increase in the value of products during the decade was $7,388,119, or 23 per cent.

There were 900 establishments engaged in the factory manufacture of men's clothing in 1900, with 14,977 wage-earners, and products valued at $37,378,717. In 1890 there were 199 establishments, 16,004 wage-earners, and products valued at $33,626,441. The increase in the value of products during the decade was $3,752,276, or 11.2 per cent.

There were 871 establishments engaged in the manufacture of flouring and grist mill products in 1900, with 2,111 wage-earners, and products valued at $31,006,294. In 1890 there were 647 establishments, 3,550 wage-earners, and products valued at $37,974,885. The decrease in the value of products during the decade was $6,968,591, or 18.4 per cent.

There were 17 establishments, not operated by railroad companies, engaged in the manufacture of steam railroad cars in 1900, with 9,314 wage-earners, and products valued at $24,845,606. In 1890 there were 9 establishments, 6,879 wage-earners, and products valued at $17,117,223. The increase in the value of products during the decade was $7,728,383, or 45.1 per cent.

There were 6 establishments engaged in the manufacture of glucose in 1900, with 2,680 wage-earners, and products valued at $18,122,814. In 1890 there were 4 establishments, 878 wage-earners, and products valued at $4,370,322.

[1] Tenth Census of the United States, 1880, Manufactures, pages 842 and 862.

The increase in the value of products during the decade was $13,752,492, or 314.7 per cent. This is one of the most interesting industries dependent upon corn for their raw material. There are now 35 distinct products made directly from corn by the glucose plants, and many indirect products. The corn consumed in this manufacture amounts to 20 per cent of the corn crop of the state.

There were 98 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 13,803 wage-earners, and products valued at $16,580,424. In 1890 there were 70 establishments, 10,277 wage-earners, and products valued at $12,208,617. The increase in the value of products during the decade was $4,371,807, or 35.8 per cent.

There were 148 establishments engaged in the factory manufacture of furniture in 1900, with 9,757 wage-earners, and products valued at $15,285,475. In 1890 there were 169 establishments, 8,504 wage-earners, and products valued at $14,406,835. The increase in the value of products during the decade was $878,640, or 6.1 per cent.

There were 527 establishments engaged in the factory manufacture of cheese, butter, and condensed milk products in 1900, with 1,483 wage-earners, and products valued at $12,879,299. In 1890 there were 262 establishments, 1,344 wage-earners, and products valued at $8,004,991. The increase in the value of products during the decade was $4,874,308, or 60.9 per cent.

There were 82 establishments engaged in the manufacture of electrical apparatus and supplies in 1900, with 6,048 wage-earners, and products valued at $12,169,425. In 1890 there were 11 establishments, 260 wage-earners, and products valued at $486,730. The increase in the value of products during the decade was $11,682,695, or 2,400.2 per cent.

There were 55 establishments engaged in the factory manufacture of boots and shoes in 1900, with 5,553 wage-earners, and products valued at $11,434,842. In 1890 there were 56 establishments, 3,992 wage-earners, and products valued at $8,756,824. The increase in the value of products during the decade was $2,678,018, or 30.6 per cent. Some of the largest boot and shoe factories in the world are located in Illinois.

There were 240 establishments engaged in the manufacture of planing mill products in 1900, with 5,122 wage-earners, and products valued at $11,141,771. In 1890 there were 206 establishments, 8,929 wage-earners, and products valued at $20,468,903. The decrease in the value of products during the decade was $9,327,132, or 45.6 per cent.

There were 169 establishments engaged in the factory manufacture of women's clothing in 1900, with 4,402 wage-earners, and products valued at $9,774,774. In 1890 there were 71 establishments, 2,513 wage-earners, and products valued at $6,422,431. The increase in the value of products during the decade was $3,352,343, or 52.2 per cent.

There were 39 establishments engaged in the manufacture of soap and candles in 1900, with 1,556 wage-earners, and products valued at $9,436,430. In 1890 there were 35 establishments, 1,026 wage-earners, and products valued at $9,857,550. The decrease in the value of products during the decade was $421,120, or 4.3 per cent.

There were 407 establishments engaged in the manufacture of carriages and wagons in 1900, with 4,355 wage-earners, and products valued at $9,210,379. In 1890 there were 559 establishments, 4,912 wage-earners, and products valued at $9,041,725. The increase in the value of products during the decade was $168,654, or 1.9 per cent.

There were 60 establishments engaged in the manufacture of bicycles and tricycles in 1900, with 4,388 wage-earners, and products valued at $8,960,421. In 1890 there were 5 establishments, 653 wage-earners, and products valued at $970,000. The increase in the value of products during the decade was $7,990,421, or 823.8 per cent.

There were 45 establishments engaged in the manufacture of musical instruments and materials in 1900, with 4,670 wage-earners, and products valued at $8,156,445. In 1890 there were 25 establishments, 1,843 wage-earners, and products valued at $3,546,339. The increase in the value of products during the decade was $4,610,106, or 130 per cent.

There were 27 establishments engaged in the tanning, currying, and finishing of leather in 1900, with 2,263 wage-earners, and products valued at $7,847,835. In 1890 there were 30 establishments, 1,864 wage-earners, and products valued at $8,240,803. The decrease in the value of products during the decade was $392,968, or 4.8 per cent.

There were 837 establishments engaged in the manufacture of lumber and timber products in 1900, with 3,526 wage-earners, and products valued at $7,652,118. In 1890 there were 363 establishments, 4,089 wage-earners, and products valued at $5,135,155. The increase in the value of products during the decade was $2,516,963, or 49 per cent. The lumber interests of the state have been greatly stimulated by the supplies of timber floated down the Mississippi River from forests in other states. New methods in handling lumber, and the exhaustion of much of the timber land on the upper Mississippi, have greatly changed conditions in recent years.

There were 619 establishments engaged in the manufacture of clay products in 1900, with 7,229 wage-earners, and products valued at $7,224,915. In 1890 there were 644 establishments, 10,596 wage-earners, and products valued at $7,956,082. The decrease in the value of products during the decade was $731,167, or 9.2 per cent.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Bloomington, Chicago, Joliet, Peoria, Quincy, Rockford, and Springfield as returned at the censuses of 1890 and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, BLOOMINGTON, CHICAGO, JOLIET, PEORIA, QUINCY, ROCKFORD, AND SPRINGFIELD, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
The State	1900	38,360	$776,829,598	395,110	$191,510,962	$130,876,318	$739,754,414	$1,259,730,168
	1890	20,482	502,004,512	280,218	142,873,265	79,515,193	529,019,089	908,640,280
Per cent of increase		87.2	54.7	41.0	34.0	64.6	39.8	38.6
Bloomington	1900	185	2,465,300	2,030	974,736	202,807	2,008,907	3,845,768
	1890	188	2,874,141	2,201	1,007,995	223,532	2,025,949	4,081,001
Per cent of increase		[1] 1.6	[1] 14.2	[1] 7.8	[1] 3.3	[1] 9.3	[1] 0.8	[1] 5.8
Chicago	1900	19,203	534,000,689	262,621	131,065,337	80,414,823	538,401,562	888,945,311
	1890	9,977	359,739,598	190,621	104,069,922	43,235,427	409,493,027	664,567,923
Per cent of increase		92.5	48.4	37.8	25.9	86.0	31.5	33.8
Joliet	1900	455	15,452,196	6,523	3,957,529	1,718,339	17,891,836	27,765,104
	1890	271	9,418,932	2,866	1,723,512	551,539	8,884,684	12,732,933
Per cent of increase		67.9	64.0	127.6	129.6	211.6	101.4	118.1
Peoria	1900	871	27,971,613	8,022	3,901,186	25,122,825	14,986,348	48,871,596
	1890	556	15,085,862	6,816	3,538,216	24,475,327	9,996,379	55,535,023
Per cent of increase		56.7	85.4	17.7	10.3	2.6	49.9	[1] 12.0
Quincy	1900	421	6,879,846	4,509	1,918,452	779,653	4,952,797	9,234,988
	1890	394	6,554,810	4,577	1,986,408	648,086	5,701,973	10,395,102
Per cent of increase		6.9	5.0	[1] 1.5	[1] 3.4	20.3	[1] 13.1	[1] 11.2
Rockford	1900	450	14,126,834	6,620	2,765,709	821,352	6,928,941	12,586,116
	1890	246	7,715,069	4,867	2,166,096	549,317	4,248,001	8,888,904
Per cent of increase		82.9	83.1	36.0	27.7	49.5	63.1	41.6
Springfield	1900	320	5,030,438	3,871	1,730,891	631,823	3,290,207	6,612,286
	1890	374	3,641,415	2,853	1,390,307	303,368	3,790,754	6,562,470
Per cent of increase		[1] 14.4	38.1	35.7	24.5	108.3	[1] 13.2	0.8
Total for 7 cities	1900	21,905	605,926,916	294,196	146,313,840	109,691,622	588,460,598	997,861,169
	1890	12,006	405,029,827	214,801	115,882,456	69,986,596	444,140,767	762,763,356
Per cent of increase		82.5	49.6	37.0	26.3	56.7	32.5	30.8
Per cent of 7 cities to total for state	1900	57.1	78.0	74.5	76.4	83.8	79.5	79.2
	1890	58.6	80.7	76.7	81.1	88.0	84.0	84.1

[1] Decrease.

It appears from Table 4 that there has been a considerable increase during the past decade in the combined manufactures of these 7 cities. The number of establishments increased from 12,006 to 21,905, or 82.5 per cent; the average number of wage-earners from 214,801 to 294,196, or 37 per cent; and the value of products from $762,763,356 to $997,861,169, or 30.8 per cent. The percentage of increase in each of these particulars was smaller in these 7 cities than in the state as a whole. In Bloomington, Peoria, and Quincy the value of products decreased during the decade. The city of Joliet shows the most rapid growth, the value of products having increased from $12,732,933 in 1890 to $27,765,104 in 1900, or 118.1 per cent. In Chicago, the leading manufacturing city, the number of establishments increased from 9,977 to 19,203, or 92.5 per cent; the number of wage-earners from 190,621 to 262,621, or 37.8 per cent; and the value of products from $664,567,923 to $888,945,311, or 33.8 per cent. The number of establishments, number of wage-earners, and value of products, in this city in 1900, constituted 50.1, 66.5, and 70.6 per cent, respectively, of the totals for the state.

Table 5 presents the totals for the manufacturing industries of the 70 cities and towns withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and towns, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Products. Value.	Products. Rank.	Products. Per cent of total.	Population. Total.	Population. Rank.	Population. Per cent of total.
Total for state	38,360	$776,829,598	41,191	395,110	$191,510,962	$130,876,318	$739,754,414	$1,259,730,168	-------	100.0	4,821,550	-------	100.0
Total for urban manufactures	27,904	719,336,445	29,445	362,682	177,811,025	127,521,938	685,780,109	1,169,882,043	-------	92.9	2,459,638	-------	51.0
Alton	160	2,967,168	177	2,360	1,127,545	258,922	2,654,463	4,633,035	15	0.4	14,210	19	0.3
Aurora	229	6,304,454	246	4,647	1,952,025	495,077	3,490,279	7,370,029	9	0.6	24,147	8	0.5
Batavia	37	2,020,528	36	838	364,812	79,459	1,091,220	1,868,989	32	0.2	3,871	60	0.1
Belleville	260	2,573,648	305	1,800	832,610	916,492	1,293,228	3,766,988	21	0.3	17,484	15	0.4
Belvidere	106	1,695,879	118	1,147	636,482	118,168	928,730	2,036,734	31	0.2	6,937	34	0.1
Bloomington	185	2,465,300	196	2,030	974,736	202,807	2,008,907	3,845,768	20	0.3	23,286	9	0.5
Braidwood	14	12,455	14	11	4,936	1,096	12,939	28,322	70	(1)	3,279	64	0.1
Cairo	125	2,346,403	126	1,621	592,535	199,109	2,119,681	3,466,015	23	0.3	12,566	23	0.3
Canton	72	4,713,448	88	1,162	462,011	161,660	671,217	1,806,640	34	0.1	6,564	37	0.1
Carmi	35	115,166	42	98	36,463	9,406	81,977	169,171	67	(1)	2,939	65	0.1

[1] Less than one-tenth of 1 per cent

TABLE 5.—URBAN MANUFACTURES—Continued.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	PRODUCTS. Value.	PRODUCTS. Rank.	PRODUCTS. Per cent of total.	POPULATION. Total.	POPULATION. Rank.	POPULATION. Per cent of total.
Centralia	66	$624,385	75	636	$243,628	$23,137	$637,728	$1,081,230	45	0.1	6,721	56	0.1
Champaign	122	510,371	139	515	234,461	60,736	372,801	867,995	48	0.1	9,098	28	0.2
Chicago	19,203	534,000,689	19,872	262,621	131,065,337	80,414,823	538,401,562	888,945,311	1	70.6	1,698,575	1	35.2
Chicago Heights	67	2,866,541	60	1,529	790,645	194,949	2,063,722	3,902,338	18	0.3	5,100	49	0.1
Clinton	23	125,072	26	190	95,067	4,984	157,009	301,156	61	(1)	4,452	51	0.1
Collinsville	51	408,614	57	344	150,604	15,005	576,819	812,278	49	0.1	4,021	59	0.1
Danville	174	1,585,156	209	1,257	598,624	97,207	1,433,006	2,616,515	27	0.2	16,354	17	0.3
Decatur	239	3,632,263	255	2,313	994,659	219,713	3,690,802	5,896,492	12	0.5	20,754	11	0.4
Dekalb	83	2,008,462	95	1,064	491,094	164,038	2,579,378	3,858,416	19	0.3	5,904	43	0.1
Dixon	111	4,801,007	129	2,778	1,426,275	262,491	3,447,640	5,624,709	13	0.4	7,917	32	0.2
Duquoin	48	279,945	50	104	44,177	36,902	198,124	359,058	58	(1)	4,353	52	0.1
East St. Louis	183	10,466,412	180	5,642	2,624,749	609,809	28,300,150	33,559,611	3	2.7	29,655	6	0.6
Edwardsville	59	187,414	62	147	70,610	12,005	285,305	457,466	56	(1)	4,157	57	0.1
Elgin	209	8,603,283	238	4,764	2,249,009	450,773	2,953,582	7,161,637	10	0.6	22,433	10	0.5
Evanston	126	1,564,305	150	775	430,529	91,894	750,894	1,831,501	33	0.1	19,259	13	0.4
Freeport	167	2,262,630	214	1,679	748,493	298,972	1,575,780	3,348,448	24	0.3	13,258	22	0.3
Galena	91	390,171	112	276	89,751	50,216	219,460	462,700	55	(1)	5,005	50	0.1
Galesburg	177	1,499,216	214	1,478	719,605	96,191	884,119	2,170,557	29	0.2	18,607	14	0.4
Harvey	55	2,582,255	58	1,581	714,940	132,428	1,318,415	2,812,592	26	0.2	5,395	46	0.1
Hillsboro	27	75,900	32	53	17,788	5,367	45,994	101,429	69	(1)	1,937	70	(1)
Jacksonville	174	1,505,725	221	1,436	596,189	179,043	1,183,693	2,385,547	28	0.2	15,078	18	0.3
Joliet	455	15,452,196	484	6,523	3,957,529	1,718,339	17,891,836	27,765,104	4	2.2	29,353	7	0.6
Kankakee	125	900,739	152	893	377,863	90,126	578,303	1,334,702	40	0.1	13,595	21	0.3
Kewanee	89	2,190,263	92	2,696	1,070,196	84,077	2,895,801	4,468,251	17	0.4	8,382	31	0.2
Lasalle	81	2,095,850	83	1,057	524,261	79,042	2,509,284	3,563,947	22	0.3	10,446	25	0.2
Lemont	44	390,308	47	260	103,597	44,033	89,358	324,162	60	(1)	2,449	68	(1)
Lincoln	88	470,892	116	323	140,597	48,197	287,892	642,375	53	0.1	8,962	29	0.2
Litchfield	54	303,967	65	216	95,558	18,845	99,024	292,278	62	(1)	5,918	42	0.1
Lockport	41	634,098	37	255	113,464	37,053	1,168,118	1,434,046	38	0.1	2,659	66	0.1
Macomb	73	425,871	85	364	142,474	28,417	165,899	465,458	54	(1)	5,375	47	0.1
Mattoon	138	549,525	163	866	386,980	80,556	550,616	1,232,821	43	0.1	9,622	26	0.2
Metropolis	44	259,481	48	243	86,442	16,100	241,357	451,325	57	(1)	4,069	58	0.1
Moline	157	11,165,701	146	4,438	2,289,722	534,861	4,922,344	10,000,282	7	0.8	17,248	16	0.4
Monmouth	101	1,076,184	108	817	386,279	60,020	664,843	1,483,535	37	0.1	7,460	33	0.2
Morris	103	848,765	120	521	162,672	126,896	729,675	1,273,095	41	0.1	4,273	54	0.1
Mt. Carmel	52	249,527	62	213	83,506	9,460	131,125	285,066	63	(1)	4,311	53	0.1
Mt. Vernon	45	409,489	46	384	169,898	17,787	976,524	1,249,744	42	0.1	5,216	48	0.1
Murphysboro	61	504,139	69	392	176,925	92,474	455,635	896,741	47	0.1	6,463	38	0.1
Normal	21	170,695	27	124	45,167	76,378	191,753	349,255	59	(1)	3,795	61	0.1
Ottawa	120	2,783,357	137	1,233	523,599	148,491	855,034	2,042,148	30	0.2	10,588	24	0.2
Pana	66	142,543	78	106	38,788	14,354	93,381	204,018	65	(1)	5,530	45	0.1
Paris	107	466,252	127	420	164,745	32,150	569,131	979,075	46	0.1	6,105	41	0.1
Pekin	118	2,431,244	124	787	384,654	9,458,651	1,929,943	12,268,021	6	1.0	8,420	30	0.2
Peoria	871	27,971,613	911	8,022	3,901,186	25,122,825	14,986,348	48,871,596	2	3.9	56,100	2	1.2
Peru	49	2,277,845	51	1,164	541,197	274,244	1,787,073	3,114,759	25	0.2	6,863	35	0.1
Pontiac	52	367,061	55	437	156,793	27,878	446,827	770,048	50	0.1	4,266	55	0.1
Quincy	421	6,879,846	460	4,509	1,918,452	779,653	4,952,797	9,234,988	8	0.7	36,252	3	0.8
Rock Falls	31	1,073,552	29	448	197,779	81,945	581,826	1,087,775	44	0.1	2,176	69	(1)
Rockford	450	14,126,834	428	6,620	2,765,709	821,352	6,928,941	12,586,116	5	1.0	31,051	5	0.6
Rock Island	181	4,990,336	201	2,386	1,229,044	419,346	3,056,734	5,538,352	14	0.4	19,493	12	0.4
Sandwich	29	907,994	30	278	153,934	106,961	322,000	699,085	52	0.1	2,520	67	(1)
Shelbyville	60	96,294	75	102	30,054	8,574	106,199	203,717	66	(1)	3,546	63	0.1
Springfield	320	5,030,438	368	3,871	1,730,891	631,823	3,290,207	6,612,286	11	0.5	34,159	4	0.7
Spring Valley	32	42,741	36	57	29,439	3,817	59,572	127,804	68	(1)	6,214	40	0.1
Sterling	118	1,065,177	128	704	290,434	102,855	991,892	1,733,144	36	0.1	6,309	39	0.1
Streator	131	1,050,999	137	1,564	772,187	114,894	578,128	1,761,143	35	0.1	14,079	20	0.3
Sycamore	82	503,733	91	425	202,774	39,444	776,875	1,367,655	39	0.1	3,653	62	0.1
Taylorville	60	229,598	69	140	54,316	15,028	149,734	281,762	64	(1)	4,248	56	0.1
Urbana	54	463,115	58	538	260,145	22,480	349,263	728,502	51	0.1	5,728	44	0.1
Waukegan	102	3,143,918	106	1,390	771,386	269,633	2,990,193	4,609,190	16	0.4	9,426	27	0.2
Total for state, exclusive of urban manufactures	10,456	57,493,153	11,746	32,428	13,699,937	3,354,380	53,974,305	89,848,125	-------	7.1	2,361,912	-------	49.0
Per cent of urban manufactures to total for state	72.7	92.6	71.5	91.8	92.8	97.4	92.7	92.9	-------	-------	51.0	-------	-------

[1] Less than one-tenth of 1 per cent.

Of the 38,360 establishments in the state, 27,904, or 72.7 per cent, were located in these 70 cities and towns. They furnished employment to 362,682 wage-earners, or 91.8 per cent of the total number, and the value of their products, $1,169,882,043, formed 92.9 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Aurora, Bloomington, Chicago, Decatur, East St. Louis, Elgin, Joliet, Peoria, Quincy, Rockford, and Springfield by specified industries.

Table 9 shows the totals for the cities and towns withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

	COUNTIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	38,360	$776,829,598	$80,855,805	$114,760,460	$206,242,775	$374,970,558	41,191	44,342	$43,337,464	395,110	$191,510,962
2	Adams	544	7,196,667	589,307	1,280,942	1,949,003	3,377,415	600	498	404,824	4,663	1,979,107
3	Alexander	145	2,394,013	555,555	318,038	619,715	900,705	150	124	100,064	1,683	614,535
4	Bond	83	212,987	11,370	41,700	73,953	85,964	97	4	2,100	140	44,627
5	Boone	143	1,839,469	78,094	383,592	535,048	842,735	150	95	95,865	1,221	671,485
6	Brown	61	130,825	11,525	26,070	46,095	47,135	76	3	1,107	84	29,342
7	Bureau	241	467,340	49,035	113,281	163,477	141,547	269	13	6,726	334	133,038
8	Calhoun	37	145,794	10,714	34,966	23,319	76,795	42	9	8,760	87	28,346
9	Carroll	170	459,329	26,002	87,373	139,932	206,022	194	10	7,720	271	121,280
10	Cass	132	566,648	53,090	111,396	122,686	279,476	141	19	15,360	404	143,088
11	Champaign	314	1,184,630	138,892	269,335	382,822	393,581	350	68	52,613	1,218	563,180
12	Christian	203	644,146	88,560	145,647	200,789	209,150	236	16	11,499	352	129,981
13	Clark	125	281,385	46,257	89,975	110,447	84,706	145	4	1,300	131	44,722
14	Clay	64	112,637	14,370	23,277	43,700	31,290	80	1	400	82	34,960
15	Clinton	120	427,063	27,190	87,515	187,091	125,267	129	13	10,640	213	85,680
16	Coles	208	808,601	80,138	170,310	277,357	280,796	248	57	31,180	1,047	462,433
17	Cook	19,998	547,656,448	55,889,573	73,931,179	146,511,289	271,324,407	20,703	35,660	35,100,930	269,748	134,693,897
18	Crawford	88	157,366	16,795	23,680	66,225	50,666	100	2	1,000	86	26,193
19	Cumberland	78	128,847	19,595	24,223	47,835	37,194	96	1	625	62	18,413
20	Dekalb	277	3,686,010	178,136	496,640	857,202	2,154,032	310	155	147,889	1,978	933,808
21	Dewitt	86	231,263	27,566	71,395	52,305	79,997	98	15	12,246	267	125,412
22	Douglas	99	196,014	21,647	53,655	56,067	64,645	106	2	1,000	119	48,874
23	Dupage	214	779,172	86,920	266,368	170,855	255,029	216	33	28,290	502	247,240
24	Edgar	182	652,711	125,702	122,955	194,379	209,675	208	41	31,822	499	191,517
25	Edwards	41	97,263	18,615	17,055	28,331	33,262	57	2	200	40	18,863
26	Effingham	121	384,418	36,535	122,012	107,741	118,130	136	18	10,768	191	69,785
27	Fayette	127	180,844	27,272	31,598	73,841	48,133	141	8	1,325	183	53,290
28	Ford	103	514,405	63,085	106,735	91,965	252,620	113	19	15,254	326	116,971
29	Franklin	48	165,736	13,595	23,815	65,617	62,709	61	10	7,360	108	40,239
30	Fulton	233	5,060,287	244,192	300,232	387,327	4,128,536	288	94	77,309	1,351	530,176
31	Gallatin	54	314,684	115,275	16,155	129,755	53,499	68	9	8,072	179	65,852
32	Greene	125	360,643	33,160	84,890	89,587	153,006	148	21	11,665	264	88,463
33	Grundy	163	917,742	29,390	146,683	169,576	572,093	185	28	50,487	569	184,879
34	Hamilton	48	90,536	8,211	18,875	31,300	32,150	53	7	2,388	61	19,144
35	Hancock	198	500,166	31,265	103,247	165,153	200,501	235	11	8,870	298	102,881
36	Hardin	21	38,987	1,810	6,505	17,265	13,407	28	------	----------	13	4,762
37	Henderson	50	170,891	6,777	45,534	31,684	86,896	55	13	8,900	110	44,123
38	Henry	258	2,859,126	144,288	447,132	675,486	1,592,220	282	172	156,995	3,056	1,220,709
39	Iroquois	213	632,431	79,455	137,050	155,457	260,469	242	10	8,520	381	141,141
40	Jackson	114	766,168	59,435	189,615	267,590	249,528	136	38	33,933	520	232,663
41	Jasper	75	154,480	23,125	23,365	72,746	35,244	89	2	900	97	29,595
42	Jefferson	85	461,509	12,070	76,955	173,006	199,478	97	16	18,904	427	186,239
43	Jersey	67	168,651	30,905	45,450	38,105	54,191	68	8	4,750	75	31,428
44	Jo Daviess	194	1,036,498	81,475	204,933	228,635	521,455	229	61	42,558	520	173,061
45	Johnson	47	88,765	11,460	12,000	39,710	25,595	59	2	1,100	75	26,136
46	Kane	637	19,454,506	1,797,721	3,492,764	6,405,363	7,758,658	690	687	690,532	11,698	5,263,242
47	Kankakee	223	2,729,068	286,129	608,638	714,465	1,119,836	260	124	132,448	1,683	723,147
48	Kendall	29	162,166	16,670	51,300	51,985	42,211	28	22	11,780	86	43,645
49	Knox	267	2,713,601	332,132	706,815	813,545	861,109	308	170	142,146	2,170	1,026,852
50	Lake	233	4,615,344	290,281	771,311	1,478,857	2,074,895	239	95	132,080	2,466	1,290,234
51	Lasalle	630	11,184,818	1,163,632	2,101,874	2,847,674	5,071,638	684	394	532,319	6,137	2,883,225
52	Lawrence	68	153,482	18,345	14,825	63,260	57,052	87	4	3,994	101	36,692
53	Lee	221	4,997,594	179,960	716,223	891,972	3,209,439	258	144	179,054	2,885	1,473,424
54	Livingston	200	856,332	89,665	195,057	153,862	417,748	234	47	56,124	709	271,867
55	Logan	164	586,982	41,455	96,561	166,330	282,636	214	41	19,867	405	170,590
56	McDonough	190	836,561	76,765	207,992	198,560	353,244	227	56	38,072	637	231,034
57	McHenry	209	1,580,060	106,636	328,010	364,800	780,614	180	143	119,338	823	399,152
58	McLean	399	3,002,155	176,628	475,115	988,833	1,361,579	447	227	163,102	2,414	1,110,410
59	Macon	301	3,738,235	389,700	460,717	878,098	2,009,720	335	273	222,467	2,424	1,031,170
60	Macoupin	192	612,860	47,053	134,663	219,590	211,554	208	17	9,394	269	102,382
61	Madison	413	12,935,947	768,542	2,538,137	3,267,812	6,361,456	422	355	436,124	8,681	3,806,144
62	Marion	141	819,387	56,657	159,520	253,096	350,114	170	33	31,804	739	285,254
63	Marshall	77	283,042	21,700	49,765	120,225	91,352	91	3	1,770	230	91,148
64	Mason	92	378,998	25,521	49,788	106,101	197,588	108	14	11,218	227	81,875
65	Massac	71	329,077	43,060	49,275	103,356	133,386	82	9	8,892	265	93,653
66	Menard	68	132,542	16,395	26,530	38,140	51,477	76	1	600	77	28,916
67	Mercer	129	321,829	111,466	44,520	61,105	104,738	131	22	14,222	298	124,597
68	Monroe	56	353,168	22,925	61,660	81,758	186,825	54	13	13,270	108	48,616
69	Montgomery	172	514,133	55,121	143,531	187,241	128,240	210	16	10,640	328	130,708
70	Morgan	242	1,718,321	88,665	299,791	428,096	901,769	298	149	119,385	1,533	633,920
71	Moultrie	66	112,201	11,350	21,065	33,271	46,515	83	2	1,550	69	27,402
72	Ogle	205	469,582	32,830	104,360	144,990	187,402	233	11	9,110	359	183,536
73	Peoria	1,025	28,513,608	5,224,555	6,205,080	8,460,502	8,623,471	1,082	814	795,400	8,462	4,126,604
74	Perry	97	489,586	31,170	112,000	172,766	173,650	108	33	22,910	209	91,152
75	Piatt	85	232,085	17,195	43,675	52,339	118,876	98	25	15,386	150	49,281
76	Pike	162	456,685	33,840	95,250	156,070	171,525	189	9	4,390	220	79,757

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.										Value of products, including custom work and repairing.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
325,713	$172,659,499	58,978	$16,964,974	10,419	$1,886,489	$130,876,318	$9,055,854	$3,299,196	$101,291,059	$17,230,209	$739,754,414	$721,029,759	$18,724,655	$1,259,730,168	1
3,751	1,816,395	785	145,319	127	17,393	799,200	78,815	41,824	643,993	34,568	5,218,262	5,088,220	130,042	9,689,474	2
1,547	591,721	31	8,239	105	14,575	199,676	23,458	11,572	151,700	12,946	2,150,589	2,128,137	22,452	3,539,555	3
80	34,721	42	8,258	18	1,648	19,546	3,420	1,166	14,726	234	213,325	208,680	4,645	388,029	4
1,188	654,604	78	16,416	5	465	131,256	12,326	6,776	96,712	15,442	1,449,944	1,429,734	20,210	2,673,975	5
63	24,822	18	4,061	3	459	7,602	2,821	904	3,045	832	121,752	118,565	3,187	210,424	6
272	120,542	53	11,423	9	1,073	31,198	10,981	2,670	13,509	4,038	422,999	407,264	15,735	829,142	7
74	26,810	5	720	8	816	8,774	379	642	7,753	----------	59,876	46,695	13,181	136,121	8
235	114,220	28	6,315	8	745	19,521	7,036	1,896	10,089	500	506,958	493,480	13,478	815,533	9
346	132,663	28	5,878	30	4,547	32,628	9,950	2,897	19,461	320	580,418	569,214	11,204	912,137	10
1,091	536,511	106	24,364	21	2,305	94,823	24,049	7,257	34,783	28,734	917,195	884,870	32,325	2,003,844	11
309	120,248	35	8,812	8	921	43,349	10,156	3,386	26,383	3,424	393,092	376,775	16,317	754,998	12
99	37,952	25	6,013	7	757	11,718	3,792	1,520	6,286	115	349,218	343,697	5,521	503,637	13
71	32,245	8	2,335	3	380	3,649	1,042	819	1,608	180	111,208	108,931	2,277	210,790	14
203	83,743	8	1,587	2	350	27,006	1,454	1,652	23,900	----------	522,245	510,581	11,664	766,241	15
935	438,408	99	22,293	13	1,732	96,326	15,742	6,685	24,859	49,040	701,365	678,539	22,826	1,554,901	16
217,211	119,991,557	45,412	13,347,830	7,125	1,354,510	81,198,087	7,483,356	2,369,693	55,804,960	15,540,078	546,860,226	535,391,185	11,469,041	905,653,801	17
79	24,773	2	600	5	820	5,190	1,423	1,083	2,684	----------	187,486	182,033	5,453	301,820	18
48	16,092	8	1,484	6	837	5,614	1,721	708	2,505	680	107,361	104,639	2,722	183,033	19
1,783	880,713	154	44,063	41	9,032	328,975	16,337	12,962	287,549	12,127	4,380,439	4,249,037	131,402	6,804,526	20
254	122,178	7	2,256	6	978	12,259	4,807	1,505	4,747	1,200	226,420	219,719	6,701	465,162	21
101	44,392	15	4,254	3	228	12,791	4,423	1,196	7,152	20	124,356	117,311	7,045	280,953	22
476	240,464	17	5,452	9	1,324	65,155	11,258	3,549	31,322	19,026	759,015	732,566	26,449	1,389,943	23
436	179,421	48	10,348	15	1,748	36,455	9,549	3,547	13,579	9,780	685,283	671,323	13,960	1,186,173	24
33	12,331	5	1,262	2	270	2,920	543	1,090	1,287	----------	92,695	91,013	1,682	154,396	25
154	60,950	27	7,900	10	935	15,090	3,447	2,348	9,145	150	266,839	259,538	7,301	510,446	26
153	50,063	21	1,841	9	1,386	5,506	1,971	1,237	2,149	149	181,735	177,655	4,080	377,031	27
285	107,622	30	7,402	11	1,947	27,520	7,503	2,996	16,721	300	399,583	386,378	13,205	756,739	28
97	39,067	7	790	4	382	6,165	434	1,014	4,714	3	211,773	207,745	4,028	319,778	29
1,157	481,492	175	46,653	19	2,031	182,478	19,448	7,965	153,965	1,100	1,007,672	976,771	30,901	2,379,329	30
176	65,373	2	375	1	104	15,893	2,562	1,720	11,611	----------	261,583	258,577	3,006	457,468	31
202	77,754	58	10,255	4	454	29,046	5,403	2,169	18,314	3,160	256,546	235,745	20,801	495,815	32
492	170,037	35	9,864	42	4,978	131,747	9,039	3,439	111,179	8,090	784,643	766,653	17,990	1,394,274	33
53	17,807	7	1,181	1	156	3,643	1,027	717	1,899	----------	123,711	121,276	2,435	196,967	34
255	94,929	37	7,072	6	880	42,102	6,989	3,094	31,499	520	400,072	389,860	10,212	724,449	35
12	4,637	1	125	----------	----------	1,204	60	359	785	----------	64,340	62,778	1,562	84,314	36
100	42,102	6	1,385	4	636	6,512	1,242	1,017	4,253	----------	112,648	110,231	2,417	222,116	37
2,689	1,130,447	234	60,837	133	29,425	140,717	18,466	9,315	111,513	1,423	3,308,464	3,094,381	214,083	5,304,781	38
325	129,201	52	11,182	4	758	31,939	7,292	3,694	19,592	1,361	425,424	399,786	25,638	841,502	39
468	220,102	22	7,650	30	4,911	101,987	8,060	4,806	88,476	645	830,512	814,447	16,065	1,415,548	40
91	28,963	4	425	2	207	7,709	1,479	1,103	5,127	----------	145,705	142,488	3,217	253,757	41
396	179,798	20	4,371	11	2,070	19,453	3,179	1,547	14,547	180	1,065,372	1,060,750	4,622	1,388,863	42
69	29,530	5	1,848	1	50	12,312	3,753	1,095	7,464	----------	73,070	69,187	3,883	169,480	43
408	151,462	97	19,523	15	2,076	69,282	7,919	3,766	56,118	1,479	622,882	604,098	18,784	1,071,353	44
70	25,211	----------	----------	5	925	3,284	1,174	738	1,372	----------	127,298	125,212	2,086	203,154	45
8,395	4,247,406	2,999	971,680	304	44,156	1,110,858	107,908	90,586	890,155	22,209	10,794,901	10,468,459	326,442	21,441,337	46
1,543	690,416	111	28,830	29	3,901	222,617	19,454	10,720	185,712	6,731	1,638,282	1,587,115	51,167	3,308,308	47
85	43,530	----------	----------	1	115	5,997	480	1,025	4,492	----------	147,168	142,352	4,816	255,759	48
1,937	969,718	212	53,930	21	3,204	160,117	35,717	12,199	104,110	8,091	1,276,738	1,126,658	150,080	3,188,452	49
2,277	1,255,592	164	31,401	25	3,241	347,139	13,062	9,605	311,697	12,775	6,138,476	5,820,075	318,401	9,690,851	50
5,427	2,730,121	469	116,353	251	36,751	880,441	61,868	43,613	705,265	69,695	6,585,379	6,080,235	505,144	13,030,592	51
93	35,391	6	1,076	2	225	7,627	2,393	957	3,827	450	176,973	174,841	2,132	317,929	52
2,115	1,106,830	718	357,203	57	9,391	276,724	17,216	8,723	205,489	45,296	3,668,708	3,622,826	45,882	6,018,914	53
563	230,825	127	38,520	19	2,522	53,599	12,108	4,196	32,295	5,000	626,183	600,208	25,975	1,248,837	54
346	155,948	54	14,000	5	642	61,119	15,830	4,483	29,346	11,460	363,553	351,366	12,187	836,035	55
546	213,021	51	12,069	10	5,944	61,523	16,356	4,649	33,264	7,254	409,339	360,896	48,443	965,667	56
730	372,508	82	25,292	11	1,352	122,284	7,298	5,727	108,734	525	2,517,076	2,450,204	66,872	3,808,286	57
2,064	1,041,575	309	62,591	41	6,244	307,601	45,387	17,642	155,901	88,671	2,461,162	2,395,994	65,168	4,775,693	58
2,051	960,695	353	67,794	20	2,681	228,198	47,211	18,392	162,126	469	3,790,763	3,718,780	71,983	6,111,232	59
239	97,467	16	3,220	14	1,695	32,925	8,088	3,204	21,400	233	490,554	475,801	14,753	792,871	60
7,704	3,635,955	536	97,051	441	73,138	696,213	28,749	39,456	626,312	1,696	11,273,366	10,833,373	439,993	18,562,580	61
603	266,239	132	18,298	4	717	30,018	6,418	4,253	18,952	395	899,434	884,147	15,287	1,481,029	62
186	82,402	43	8,594	1	152	15,441	1,983	1,364	12,084	10	260,679	249,177	11,502	467,635	63
193	75,862	31	5,663	3	350	26,967	5,419	1,537	19,583	428	351,644	342,051	9,593	599,777	64
196	80,084	26	6,393	43	7,176	17,346	2,730	1,755	12,331	530	272,570	267,980	4,590	512,869	65
63	26,498	13	2,258	1	160	8,652	2,819	967	3,866	1,000	81,758	79,056	2,702	186,639	66
240	111,123	52	11,279	6	2,195	14,284	4,481	1,600	8,203	----------	170,951	159,398	11,553	462,073	67
107	48,516	----------	----------	1	100	23,603	2,383	1,590	19,620	10	783,482	773,344	10,138	942,799	68
284	121,352	32	7,482	11	1,874	28,779	7,494	2,800	17,675	810	215,472	203,852	11,620	539,226	69
1,231	568,824	257	59,805	45	5,291	197,797	23,921	9,227	111,097	53,552	1,702,591	1,668,306	34,285	3,039,306	70
57	24,873	9	2,254	3	275	5,832	2,167	757	2,857	51	72,475	67,809	4,666	167,428	71
330	177,104	19	4,957	10	1,475	25,041	9,103	3,610	11,828	500	678,429	663,887	14,542	1,165,136	72
7,310	3,842,223	1,087	275,906	65	8,475	25,163,767	210,199	85,891	24,700,610	167,067	15,384,946	14,791,143	593,803	49,730,420	73
189	87,906	13	2,412	7	834	47,363	4,636	2,975	14,552	25,200	568,485	549,253	19,232	830,620	74
119	43,366	27	5,555	4	360	41,157	4,396	1,363	34,063	1,335	106,409	97,374	9,035	300,264	75
191	74,574	23	4,662	6	521	24,482	6,655	2,072	15,505	250	543,700	534,279	9,421	817,899	76

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
77	Pope	53	$94,291	$14,600	$12,155	$41,409	$26,127	55	1	$1,200	51	$18,262
78	Pulaski	49	599,516	60,762	142,501	174,714	221,539	50	32	55,581	597	221,061
79	Putnam	17	16,605	1,980	2,880	5,525	6,220	18	-------	-------	11	4,485
80	Randolph	140	855,510	61,798	171,144	246,414	376,154	150	45	36,850	291	137,763
81	Richland	75	229,191	17,135	55,808	73,984	82,264	98	6	2,103	163	55,513
82	Rock Island	401	16,603,435	903,369	1,582,344	2,035,260	12,082,462	412	578	600,685	7,034	3,599,118
83	St. Clair	597	15,639,845	1,531,269	2,862,074	3,914,033	7,332,469	642	479	479,102	8,457	3,864,946
84	Saline	49	179,308	20,330	32,140	64,770	62,068	73	3	1,334	89	31,555
85	Sangamon	437	5,699,629	430,344	970,772	1,816,527	2,481,986	497	248	210,267	4,292	1,878,844
86	Schuyler	74	149,592	11,750	30,430	61,447	45,965	91	2	1,020	103	35,236
87	Scott	47	118,264	12,625	33,485	28,865	43,289	54	1	400	56	21,356
88	Shelby	175	318,128	46,830	63,112	113,587	94,599	213	9	2,660	240	76,203
89	Stark	75	111,015	15,110	27,555	31,075	37,275	79	1	400	95	34,104
90	Stephenson	290	2,859,191	207,080	578,415	562,001	1,511,695	326	189	154,220	2,039	906,681
91	Tazewell	230	2,706,925	138,445	357,125	826,834	1,384,521	255	72	84,906	981	461,637
92	Union	65	354,971	53,340	62,200	100,507	138,924	74	32	17,020	241	84,374
93	Vermilion	380	2,758,690	192,990	559,280	738,780	1,267,640	445	83	74,905	1,965	862,725
94	Wabash	67	290,539	24,895	66,725	95,245	103,674	80	5	3,681	222	87,738
95	Warren	159	1,222,018	75,297	277,482	227,754	641,485	173	79	70,887	900	416,284
96	Washington	129	467,578	29,710	95,565	136,195	206,108	148	11	12,165	147	58,118
97	Wayne	98	160,231	18,936	32,965	76,264	32,066	138	7	1,958	158	47,160
98	White	97	327,108	71,807	43,960	101,118	110,223	115	7	5,170	246	90,745
99	Whiteside	280	2,739,934	289,291	489,072	504,984	1,456,587	297	141	147,994	1,521	640,261
100	Will	643	16,592,918	3,228,908	2,183,583	4,435,705	6,744,722	677	458	412,481	6,965	4,157,758
101	Williamson	66	180,253	47,350	26,820	53,175	52,908	87	7	4,247	110	37,354
102	Winnebago	520	14,661,598	2,502,581	3,292,348	3,938,245	4,928,424	489	500	459,617	7,058	2,942,914
103	Woodford	91	285,765	56,081	59,360	62,828	107,496	107	6	3,005	181	52,580

TABLE 7.—MANUFACTURES BY

1	All industries	38,360	$776,829,598	$80,855,805	$114,760,460	$206,242,775	$374,970,558	41,191	44,342	$43,337,464	395,110	$191,510,962
2	Agricultural implements	94	62,202,330	2,420,418	5,063,463	3,181,227	51,537,222	56	4,444	3,419,742	18,231	9,064,954
3	Artificial feathers and flowers	7	16,895	1,000	2,500	4,510	8,885	9	3	2,640	22	8,015
4	Artificial limbs	8	25,800	-------	-------	3,500	22,300	7	15	10,188	23	13,610
5	Artists' materials	7	33,793	-------	-------	14,893	18,900	6	11	9,406	30	14,142
6	Awnings, tents, and sails	48	703,853	132,953	45,500	50,819	474,581	58	73	58,208	518	233,168
7	Axle grease	5	198,398	52,200	29,500	15,400	101,298	4	34	34,230	34	12,831
8	Babbitt metal and solder	9	558,186	53,280	48,871	101,894	354,141	2	40	57,967	135	67,893
9	Bags, other than paper	4	93,500	-------	-------	17,500	76,000	4	17	11,350	106	36,286
10	Bags, paper	5	628,416	120,842	120,843	262,738	123,993	7	19	24,731	159	59,313
11	Baking and yeast powders	17	1,170,328	67,300	174,200	156,840	771,988	13	154	229,252	447	155,483
12	Baskets, and rattan and willow ware	12	153,997	17,875	45,025	39,505	51,592	12	9	7,600	205	87,287
13	Belting and hose, leather	8	639,843	500	500	63,086	575,757	2	93	71,482	231	108,158
14	Bicycle and tricycle repairing	507	373,485	34,630	30,955	143,647	164,253	581	15	6,985	404	188,746
15	Bicycles and tricycles	60	7,694,658	478,407	561,680	2,018,283	4,636,288	31	642	522,477	4,388	2,144,897
16	Billiard tables and materials	5	14,055	5,500	3,375	2,500	2,680	5	-------	-------	8	2,428
17	Blacking	13	92,853	2,500	4,400	9,675	76,278	15	26	22,324	85	25,684
18	Blacksmithing and wheelwrighting	3,545	3,956,624	948,030	1,018,883	727,327	1,262,384	4,025	24	18,608	2,640	1,464,968
19	Bluing	7	10,038	2,000	2,200	1,440	4,398	7	2	600	10	3,471
20	Bookbinding and blank book making	95	759,815	14,200	35,671	320,492	389,452	101	102	112,985	1,329	525,207
21	Boot and shoe cut stock	4	164,705	4,000	16,000	37,505	107,200	4	16	22,966	324	121,632
22	Boot and shoe uppers	5	17,943	-------	-------	1,050	16,893	3	3	2,100	5	3,625
23	Boots and shoes, custom work and repairing.	1,756	521,538	93,698	114,282	136,280	177,278	1,720	18	13,747	553	298,160
24	Boots and shoes, factory product	55	5,351,482	101,445	381,098	931,083	3,937,856	61	349	409,362	5,553	2,694,959
25	Bottling	70	259,259	56,700	55,242	32,139	115,178	81	35	32,203	143	61,301
26	Boxes, cigar	17	187,242	8,300	13,002	46,338	119,602	17	29	26,349	352	110,639
27	Boxes, fancy and paper	44	1,494,862	26,824	61,746	490,629	915,663	35	161	159,907	2,477	798,056
28	Boxes, wooden packing	58	2,896,640	470,896	329,693	647,817	1,448,234	54	122	123,586	2,784	1,101,390
29	Brass	3	165,590	800	600	40,150	124,040	3	10	19,600	31	21,775
30	Brass castings and brass finishing	28	801,299	37,636	32,400	233,396	497,867	29	79	87,809	712	362,522
31	Brassware	19	459,548	73,000	92,500	180,013	114,035	12	30	31,675	427	175,412
32	Bread and other bakery products	1,064	7,294,290	908,575	1,550,653	3,106,138	1,728,924	1,157	987	699,691	5,559	2,566,895
33	Brick and tile	566	9,198,944	2,145,974	2,688,093	2,369,067	1,995,810	688	208	217,513	5,224	2,130,854
34	Bridges	17	1,812,329	67,182	159,253	607,884	978,010	15	52	96,688	1,570	823,779
35	Bronze castings	3	45,401	-------	-------	11,038	34,363	-------	10	9,860	93	57,117
36	Brooms and brushes	156	500,915	48,505	74,330	59,588	318,492	162	76	67,220	720	323,623
37	Buttons	14	53,493	525	1,450	14,271	37,247	15	14	7,629	272	101,039
38	Butter, reworking	3	80,000	2,000	10,000	21,500	46,500	-------	16	16,390	94	41,707
39	Calcium lights	3	14,800	-------	-------	2,300	12,500	1	4	3,992	7	4,356
40	Carpentering	2,203	4,509,570	540,493	679,820	595,189	2,694,068	2,492	294	270,389	9,419	5,371,342
41	Carpets, rag	135	108,003	21,660	30,785	29,493	26,065	147	11	7,495	293	118,758
42	Carpets, wood	5	99,115	12,500	3,000	10,800	72,845	7	8	6,426	127	72,708
43	Carriage and wagon materials	26	416,547	21,250	73,129	113,858	208,310	29	43	32,196	366	159,105
44	Carriages and sleds, children's	7	218,485	28,500	61,000	17,185	111,800	4	15	13,141	253	103,169
45	Carriages and wagons	407	9,539,235	1,213,404	1,409,256	794,025	6,122,550	498	340	346,428	4,355	2,210,722

BY COUNTIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
47	$17,334	2	$570	2	$358	$2,936	$894	$741	$1,301	----------	$128,691	$126,852	$1,839	$198,535	77
578	217,613	4	1,050	15	2,398	22,926	1,409	3,914	17,603	----------	421,259	415,759	5,500	786,660	78
11	4,485	------	------	------	------	526	148	82	296	----------	6,386	6,118	268	21,775	79
276	134,517	7	2,140	8	1,106	68,717	2,890	4,233	22,171	$39,423	1,720,684	1,699,911	20,773	2,136,770	80
123	47,307	36	7,631	4	575	14,273	2,877	1,726	9,670	----------	276,580	267,417	9,163	424,454	81
6,747	3,528,931	211	57,009	76	13,178	965,411	44,034	75,849	748,504	97,024	8,167,936	7,930,105	237,831	15,907,321	82
7,839	3,721,041	224	55,930	394	87,975	1,780,807	53,507	51,561	1,466,119	209,620	33,271,177	32,912,145	359,032	41,965,632	83
85	30,973	1	200	3	382	12,224	2,697	1,174	8,003	350	380,465	375,353	5,112	541,861	84
3,773	1,756,872	475	115,185	44	6,787	676,501	65,931	27,151	452,575	130,844	3,663,459	3,517,248	146,211	7,319,907	85
86	31,721	14	3,155	3	360	11,251	3,873	1,133	4,745	1,500	118,810	113,700	5,110	230,877	86
45	19,028	8	1,990	3	338	5,417	2,262	707	2,448	----------	93,637	90,756	2,881	154,395	87
207	71,005	20	3,735	13	1,463	17,559	5,517	2,191	8,778	1,073	281,197	270,524	10,673	521,469	88
86	32,088	7	1,710	2	306	12,000	2,568	727	4,628	4,077	65,515	61,928	3,587	166,173	89
1,906	873,969	111	29,289	22	3,423	335,748	36,590	12,109	239,253	47,796	2,210,089	2,144,686	65,403	4,374,640	90
932	450,700	38	9,012	11	1,925	9,476,429	15,249	7,775	9,422,041	31,364	2,051,735	1,974,373	77,362	12,576,938	91
169	67,952	63	14,990	9	1,432	19,807	3,084	3,384	12,806	533	298,707	292,966	5,741	510,028	92
1,618	783,748	266	65,878	81	13,099	177,623	39,712	13,640	104,611	19,660	2,549,701	2,491,341	58,360	4,468,212	93
215	86,423	6	1,240	1	75	10,187	2,357	1,677	5,303	850	181,648	176,530	5,118	352,592	94
826	394,666	62	20,178	12	1,440	68,652	12,053	4,600	51,799	200	727,719	665,868	61,851	1,634,208	95
124	54,343	20	3,585	3	190	21,094	2,463	2,513	16,052	66	737,387	726,243	11,144	974,729	96
132	43,460	21	2,835	5	865	8,487	2,493	1,226	4,343	425	191,609	187,634	3,975	346,372	97
239	88,980	7	1,765	------	------	14,518	3,135	2,133	9,204	46	251,363	243,586	7,777	490,756	98
1,399	614,115	100	22,950	22	3,196	217,330	22,874	13,153	160,280	21,023	2,305,879	2,233,561	72,318	3,952,008	99
6,688	4,095,104	230	52,608	47	10,046	1,777,755	59,581	79,548	1,363,455	275,171	19,453,117	17,525,785	1,927,332	29,875,500	100
97	35,329	8	1,550	5	475	8,074	2,304	1,047	4,723	----------	252,175	248,092	4,083	376,342	101
5,617	2,607,078	1,208	300,273	233	35,563	846,184	78,805	45,294	656,772	65,313	7,586,143	7,288,588	297,555	13,606,033	102
147	48,700	15	1,727	19	2,153	11,069	3,333	1,832	5,590	314	98,101	86,687	11,414	243,746	103

SPECIFIED INDUSTRIES: 1900.

325,713	$172,659,499	58,978	$16,964,974	10,419	$1,886,489	$130,876,318	$9,055,854	$3,299,196	$101,291,059	$17,230,209	$739,754,414	$721,029,759	$18,724,655	$1,259,730,168	
18,030	9,021,597	93	30,407	108	12,950	5,346,224	9,672	158,179	5,176,360	2,013	18,859,517	18,247,556	611,961	42,033,796	2
6	2,760	16	5,255	------	------	4,107	1,984	56	2,067	----------	23,826	23,624	202	51,320	3
23	13,610	------	------	------	------	14,313	3,230	40	11,043	----------	11,180	10,957	223	80,387	4
24	12,380	3	1,162	3	600	7,848	3,260	51	4,537	----------	35,011	33,250	1,761	98,413	5
266	161,147	251	71,881	1	140	55,488	19,505	2,291	33,632	60	874,385	866,330	8,055	1,385,050	6
31	11,871	3	960	------	------	13,410	545	1,296	11,569	----------	120,187	118,651	1,536	241,396	7
135	67,893	------	------	------	------	28,684	3,734	3,468	21,482	----------	1,261,760	1,247,216	14,544	1,520,657	8
44	20,540	58	14,996	4	750	10,895	7,060	715	3,120	----------	369,125	368,310	815	547,190	9
79	41,251	79	17,762	1	300	15,430	2,624	2,336	10,470	----------	332,761	329,574	3,187	488,202	10
189	92,439	251	62,108	7	936	573,693	13,245	5,546	554,902	----------	1,288,138	1,277,722	10,416	3,346,627	11
166	79,479	22	4,952	17	2,856	8,936	1,065	1,021	6,850	----------	61,750	61,438	312	205,762	12
216	104,958	5	1,500	10	1,700	83,901	15,900	2,505	65,496	----------	892,835	883,832	9,003	1,360,788	13
389	186,446	2	334	13	1,966	90,617	73,483	1,771	13,050	2,313	420,806	408,667	12,139	1,105,637	14
4,143	2,078,334	104	38,276	141	28,287	630,442	94,453	23,370	496,719	15,900	4,836,585	4,727,215	109,370	8,960,421	15
5	1,756	3	672	------	------	854	432	59	363	----------	4,635	4,290	345	14,650	16
27	12,696	49	11,168	9	1,820	51,517	5,392	242	45,883	----------	143,490	142,335	1,155	332,381	17
2,621	1,462,104	------	------	19	2,864	325,583	231,839	26,620	59,005	8,119	1,874,417	1,745,652	128,765	6,680,704	18
8	2,891	2	580	------	------	1,192	666	80	446	----------	5,382	5,000	382	15,675	19
644	337,527	617	176,385	68	11,295	126,172	57,436	3,434	45,202	20,100	881,741	868,465	13,276	1,971,133	20
218	92,872	90	26,848	16	1,912	24,816	6,340	1,196	17,280	----------	795,538	793,268	2,270	1,082,552	21
4	3,205	1	420	------	------	1,901	801	126	974	----------	29,599	29,438	161	40,985	22
653	295,917	2	1,178	8	1,065	170,216	146,402	3,350	19,024	1,440	526,198	506,440	19,758	1,838,846	23
3,484	1,872,402	1,836	783,949	233	38,608	444,774	52,418	15,268	326,050	51,038	7,306,025	7,267,885	38,140	11,434,842	24
122	57,273	18	3,638	3	390	42,507	12,849	2,266	27,392	----------	393,252	387,279	5,973	647,531	25
127	53,570	187	50,628	38	6,441	21,230	10,030	1,234	9,966	----------	221,220	217,209	4,011	470,050	26
736	370,485	1,568	401,019	173	26,552	146,950	80,462	5,199	61,289	----------	1,453,161	1,431,393	21,768	2,990,799	27
2,485	1,032,267	84	18,910	215	50,213	179,261	46,534	15,592	116,802	333	2,916,101	2,902,749	13,352	4,858,580	28
31	21,775	------	------	------	------	18,302	3,300	123	14,879	----------	578,663	573,483	5,180	675,045	29
699	359,010	8	3,000	5	512	63,299	20,114	3,267	39,918	----------	988,414	963,772	24,642	1,699,060	30
400	169,788	24	5,042	3	582	30,969	9,310	1,185	18,974	1,500	234,209	225,334	8,875	596,427	31
4,135	2,235,587	1,159	289,258	265	42,050	1,394,799	301,580	40,878	1,050,533	1,808	8,193,002	7,929,632	263,370	15,878,861	32
5,111	2,113,241	------	------	113	17,613	326,909	17,036	36,648	258,828	14,397	1,025,681	177,174	848,507	5,081,394	33
1,554	820,860	------	------	16	2,919	101,791	1,345	6,602	90,444	3,400	2,107,121	2,058,737	48,384	3,737,559	34
93	57,117	------	------	------	------	6,189	2,800	189	3,200	----------	146,286	142,299	3,987	305,250	35
551	276,617	146	43,377	23	3,629	54,031	12,107	2,816	23,078	16,030	710,547	706,023	4,524	1,452,942	36
210	86,174	48	11,302	14	3,563	11,329	3,487	95	7,747	----------	66,213	63,660	2,553	242,444	37
88	39,745	3	1,650	3	312	22,441	4,700	772	16,969	----------	596,217	584,600	11,617	1,275,108	38
7	4,356	------	------	------	------	3,638	1,540	73	1,525	500	9,157	8,857	300	33,500	39
9,382	5,362,673	19	5,020	18	3,649	2,918,031	121,546	21,759	216,730	2,557,996	12,171,637	12,135,903	35,734	25,226,741	40
225	103,622	53	12,840	15	2,296	20,693	13,196	597	6,831	69	56,543	53,164	3,379	309,012	41
126	72,500	------	------	1	208	15,303	1,244	430	13,629	----------	111,962	110,762	1,200	248,451	42
349	156,304	3	750	14	2,051	47,339	3,327	2,300	41,697	15	350,835	342,706	8,129	726,282	43
230	98,100	21	4,719	2	350	36,810	1,222	1,452	34,136	----------	183,024	181,138	1,886	406,933	44
4,270	2,181,092	54	22,475	51	7,155	532,635	122,125	51,283	352,625	6,602	4,360,269	4,275,791	84,478	9,210,379	45

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
46	Cars and general shop construction and repairs by steam railroad companies.	98	$11,726,424	$2,106,841	$3,617,599	$2,214,121	$3,787,863	--------	618	$568,702	13,803	$7,422,527
47	Cars and general shop construction and repairs by street railroad companies.	12	736,168	255,270	305,600	109,281	66,017	--------	29	31,751	885	509,419
48	Cars, steam railroad, not including operations of railroad companies.	17	18,732,466	795,701	2,563,234	3,475,151	11,898,380	--------	279	330,409	9,314	5,360,756
49	Cheese and butter, urban dairy products.	7	4,414	--------	--------	2,914	1,500	6	1	800	3	990
50	Cheese, butter, and condensed milk, factory product.	527	4,465,752	224,494	1,394,116	1,559,197	1,287,945	394	220	136,463	1,483	696,688
51	Chemicals	26	2,384,062	449,938	299,569	887,849	746,706	13	96	119,028	579	309,286
52	China decorating	10	10,460	--------	--------	6,375	4,085	11	--------	--------	18	9,602
53	Cleansing and polishing preparations	24	50,900	4,050	3,400	9,880	33,570	22	19	23,239	36	17,839
54	Clocks	7	183,422	5,000	23,000	31,446	123,976	6	33	27,152	247	112,868
55	Cloth, sponging and refinishing	5	13,450	--------	--------	6,000	7,450	4	6	6,932	54	28,946
56	Clothing, men's, custom work and repairing.	2,345	5,564,685	373,622	410,538	340,021	4,440,504	2,590	841	618,227	7,963	4,199,245
57	Clothing, men's, factory product	900	13,684,712	364,735	558,075	451,695	12,310,207	1,059	1,708	1,835,508	14,977	5,845,254
58	Clothing, men's, factory product, buttonholes.	17	14,515	4,275	6,800	2,955	485	16	--------	--------	44	15,092
59	Clothing, women's, dressmaking	2,152	1,163,638	124,127	137,433	204,231	697,847	2,288	108	95,776	5,721	1,853,189
60	Clothing, women's, factory product	169	2,946,454	20,500	28,600	222,711	2,674,643	218	559	603,004	4,402	1,492,295
61	Coffee and spice, roasting and grinding	27	5,225,103	221,500	196,000	317,431	4,490,172	19	535	564,276	930	372,737
62	Coffins, burial cases, and undertakers' goods.	13	680,576	92,500	160,973	51,954	375,149	10	72	79,282	493	242,373
63	Confectionery	201	2,744,583	186,657	166,990	785,952	1,604,984	235	512	385,509	3,567	1,056,832
64	Cooperage	141	2,753,540	466,792	341,693	599,497	1,345,558	145	95	113,703	2,891	1,239,407
65	Cordials and sirups	4	246,612	20,000	20,000	15,050	191,562	4	26	32,055	82	25,189
66	Cork, cutting	5	72,049	--------	--------	8,599	63,450	3	13	17,700	114	38,378
67	Corsets	18	531,545	8,450	66,600	73,697	382,798	20	48	35,030	1,095	274,192
68	Cutlery and edge tools	3	371,583	68,750	50,380	108,243	144,210	1	17	18,975	350	114,110
69	Dentists' materials	10	152,129	500	400	38,300	112,929	10	8	8,862	108	41,017
70	Druggists' preparations, not including prescriptions.	16	659,299	29,000	53,606	89,603	487,090	11	129	108,057	294	90,606
71	Dyeing and cleaning	174	610,838	155,350	180,000	121,579	153,909	158	45	36,688	679	311,906
72	Dyeing and finishing textiles	4	113,694	7,500	42,000	50,800	13,394	2	7	6,700	84	27,878
73	Electrical apparatus and supplies	82	11,641,177	935,189	1,270,721	1,338,780	8,096,487	61	1,142	637,933	6,048	2,818,274
74	Electrical construction and repairs	83	567,420	40,166	55,800	41,895	429,559	100	54	59,586	609	313,103
75	Electroplating	40	95,382	--------	350	62,747	32,285	50	20	20,453	337	146,991
76	Emery wheels	5	49,700	--------	--------	13,200	36,500	2	14	11,620	37	15,680
77	Enameling and enameled goods	16	1,918,310	105,150	430,100	564,600	818,460	19	59	66,834	2,230	566,082
78	Engraving and diesinking	44	93,184	2,500	9,000	53,870	27,814	51	9	8,072	117	63,446
79	Engraving, steel, including plate printing.	26	558,426	--------	250,000	200,099	108,327	22	42	40,806	335	189,406
80	Engraving, wood	17	23,591	--------	--------	6,729	16,862	20	13	16,106	86	49,710
81	Envelopes	8	378,650	2,500	26,000	123,350	226,800	6	25	35,399	339	95,999
82	Explosives	3	493,566	32,474	52,240	124,443	284,409	--------	14	14,133	71	32,064
83	Fancy articles, not elsewhere specified	41	368,050	17,900	45,000	96,235	208,915	45	96	66,515	468	174,527
84	Fertilizers	5	1,632,505	200,200	213,200	84,810	1,134,295	4	52	74,960	337	172,250
85	Files	3	53,908	4,160	5,000	15,035	29,713	2	2	1,630	63	22,608
86	Fireworks	3	54,000	12,500	12,300	6,500	22,700	2	7	9,200	65	22,973
87	Fish, canning and preserving	4	2,655	475	750	330	1,100	4	--------	--------	5	2,642
88	Flags and banners	3	18,325	--------	--------	2,300	16,025	2	9	9,065	29	7,950
89	Flavoring extracts	36	721,668	3,000	9,500	60,610	648,558	30	114	132,172	228	76,355
90	Flouring and grist mill products	871	12,062,626	1,016,422	2,457,192	3,887,102	4,701,910	1,050	367	361,021	2,111	1,098,006
91	Food preparations	59	1,802,605	107,800	466,550	459,867	768,388	58	139	109,712	720	333,227
92	Foundry and machine shop products	758	51,870,701	6,148,291	7,631,764	11,935,020	26,155,626	628	3,119	3,477,712	31,851	16,881,423
93	Fruits and vegetables, canning and preserving.	61	1,551,977	72,077	221,647	369,810	888,443	51	99	101,515	1,444	392,636
94	Fur goods	60	784,726	600	200	22,952	760,974	59	86	81,838	767	348,493
95	Furnishing goods, men's	33	998,138	--------	--------	45,598	952,540	43	151	132,959	1,750	533,859
96	Furniture, cabinetmaking, repairing, and upholstering.	473	1,017,498	89,705	222,473	111,672	593,648	527	57	64,028	1,132	576,732
97	Furniture, factory product	148	10,170,833	1,036,432	1,896,151	1,213,188	6,025,062	121	851	865,699	9,757	4,449,932
98	Furs, dressed	5	51,430	11,200	29,500	7,635	3,095	7	1	500	44	22,500
99	Galvanizing	3	229,700	42,000	10,000	6,900	170,800	3	5	2,031	22	10,050
100	Gas and lamp fixtures	28	565,464	500	3,500	130,111	431,353	24	103	98,775	420	205,746
101	Gas, illuminating and heating	53	76,816,408	2,915,496	5,391,110	66,210,918	2,298,884	--------	827	769,514	2,371	1,305,670
102	Gas machines and meters	4	49,633	--------	--------	8,800	40,833	2	5	3,390	30	22,470
103	Glass	6	2,181,801	66,657	524,764	118,289	1,472,091	1	75	110,100	3,304	1,621,286
104	Glass, cutting, staining, and ornamenting.	40	421,875	2,450	3,000	69,107	347,318	42	125	144,850	511	259,224
105	Gloves and mittens	25	790,669	55,750	82,088	98,633	554,198	23	108	93,782	1,779	660,081
106	Glucose	6	31,978,783	9,453,802	9,785,299	10,069,083	2,670,599	--------	117	226,659	2,680	1,423,805
107	Gold and silver, leaf and foil	5	41,300	6,200	9,200	8,750	17,150	5	2	884	94	43,656
108	Gold and silver, reducing and refining, not from the ore.	5	180,821	9,000	13,000	18,221	140,600	5	15	17,806	30	15,220
109	Grease and tallow	22	672,862	156,659	114,352	121,871	279,980	25	59	52,870	301	174,764
110	Hairwork	60	75,314	4,300	5,200	6,847	58,967	64	10	5,523	140	43,518
111	Hand knit goods	13	19,200	--------	--------	8,325	10,875	12	--------	--------	27	12,907

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
13,766	$7,409,512	34	$12,293	3	$722	$267,497	$8,601	$84,826	$172,683	$1,387	$8,286,776	$8,083,373	$203,403	$16,580,424	46
881	508,219	4	1,200			30,587	1,800	18,814	9,973		531,805	521,054	10,751	1,115,846	47
9,171	5,325,964	50	15,041	93	19,751	483,271	4,021	38,899	436,717	3,634	17,075,461	16,771,984	303,477	24,845,606	48
3	990					974	594	30	350		19,931	19,639	292	26,494	49
1,136	599,622	318	92,035	29	5,031	177,417	10,986	21,981	142,145	2,305	10,199,429	9,993,698	205,731	12,879,299	50
513	293,006	48	13,187	18	3,093	90,293	11,100	7,113	72,080		1,175,571	1,094,215	81,356	2,085,625	51
12	7,866	6	1,736			2,880	2,322	31	527		4,608	3,854	754	27,697	52
29	15,194	3	751	4	1,394	20,567	6,901	194	13,472		51,130	49,930	1,200	175,237	53
156	81,568	73	27,045	18	4,255	42,744	4,461	811	34,344	3,128	151,549	150,136	1,413	369,766	54
49	28,114			5	832	7,125	5,520	35	1,570		1,777	1,337	440	55,443	55
6,014	3,613,324	1,815	563,040	134	22,881	2,640,430	696,289	27,478	566,323	1,350,340	7,244,488	7,176,588	67,900	19,348,426	56
5,094	3,007,804	9,105	2,713,585	778	123,865	7,065,130	458,998	62,591	1,513,221	5,030,320	18,211,015	18,103,267	107,748	37,378,717	57
29	11,962	9	2,153	6	977	2,105	1,377	112	616		4,097	3,733	364	32,489	58
455	334,155	5,213	1,511,406	53	7,628	421,278	340,563	5,462	67,664	7,589	1,895,562	1,855,211	40,351	6,242,413	59
915	596,797	3,441	889,045	46	6,453	1,143,662	166,589	12,507	342,498	622,068	5,019,054	4,997,858	21,196	9,774,774	60
659	309,346	267	62,545	4	846	686,247	71,429	21,884	523,855	69,079	10,007,095	9,952,341	54,754	12,708,074	61
376	209,523	117	32,850			40,761	11,742	8,495	20,524		725,398	717,528	7,870	1,242,157	62
1,612	664,221	1,605	347,955	350	44,656	711,931	177,057	10,576	523,066	1,232	4,540,409	4,457,261	83,148	7,921,810	63
2,833	1,231,088	4	1,760	54	6,559	139,704	12,905	13,531	95,918	17,350	3,760,921	3,724,280	36,641	5,949,080	64
46	17,445	36	7,744			24,669	5,323	654	18,692		416,425	414,960	1,465	530,623	65
50	25,296	32	7,990	32	5,092	12,001	6,620	765	4,616		109,678	108,463	1,215	207,465	66
93	60,140	396	200,077	106	13,975	93,110	9,826	1,066	81,698	520	462,566	456,282	6,284	1,005,327	67
244	80,200	31	10,730	75	23,180	61,154	120	582	60,452		127,090	120,648	6,442	357,477	68
54	32,991	31	6,031	23	1,995	8,606	4,860	156	3,310	280	72,920	71,167	1,753	179,261	69
159	61,031	134	29,375	1	200	94,498	10,731	2,330	81,437		421,280	414,404	6,876	875,228	70
429	227,260	232	81,938	18	2,708	101,476	52,312	5,638	36,276	7,250	126,669	99,610	27,059	888,260	71
69	24,129	10	2,925	5	824	5,913	900	284	4,729		32,523	24,977	7,546	86,960	72
4,699	2,440,344	1,246	356,927	103	21,003	1,565,404	74,764	54,970	1,385,489	50,181	4,675,961	4,547,674	128,287	12,169,425	73
602	311,309	2	600	5	1,194	142,116	20,697	1,882	52,849	66,688	673,433	669,463	3,970	1,552,099	74
303	139,927	5	1,840	29	5,224	26,099	18,373	430	5,896	1,400	59,474	52,190	7,284	336,985	75
37	15,680					6,275	2,170	260	2,345	1,500	27,970	27,165	805	78,200	76
1,621	452,191	441	88,335	168	25,556	141,198	3,346	4,633	133,219		1,207,405	1,143,207	64,198	2,219,642	77
101	60,402	6	1,644	10	1,400	15,752	10,598	383	2,821	1,950	28,862	27,063	1,799	193,925	78
192	145,600	122	39,420	21	4,386	40,926	17,993	5,405	16,555	973	90,338	86,769	3,569	503,264	79
77	47,700			9	2,010	6,242	4,380	82	1,495	285	17,223	17,065	158	127,224	80
92	51,311	224	40,696	23	3,992	14,822	6,760	769	7,293		375,170	373,000	2,170	570,647	81
71	32,064					15,007		1,081	13,926		143,937	140,361	3,576	289,735	82
234	121,386	148	39,026	86	14,115	90,527	13,598	1,435	63,758	11,736	424,865	419,349	5,516	905,472	83
287	154,250	50	18,000			84,997	40	2,833	82,124		1,005,731	957,541	48,190	1,855,160	84
58	21,608			5	1,000	3,511	848	263	2,400		13,165	11,850	1,315	62,920	85
32	14,973	25	7,100	8	900	5,210	1,000	610	3,600		27,735	27,515	220	76,875	86
5	2,642					526	110	13	403		3,195	2,950	245	8,900	87
4	1,800	24	6,000	1	150	3,265	1,510	5	1,500	250	19,265	19,000	265	47,100	88
100	45,797	118	28,712	10	1,846	99,895	23,102	2,677	72,116	2,000	635,776	628,935	6,841	1,176,366	89
2,104	1,096,454	1	300	6	1,252	560,980	48,257	69,258	443,465		26,848,791	26,546,075	302,716	31,006,294	90
514	293,686	167	33,460	39	6,081	252,197	25,154	10,261	216,782		3,145,441	3,110,843	34,598	4,288,762	91
31,026	16,655,348	394	121,018	431	105,057	4,631,669	475,553	233,929	3,496,081	426,106	28,603,391	27,492,110	1,111,281	63,878,352	92
815	278,626	582	108,182	47	5,828	295,558	32,313	8,413	253,332	1,500	2,447,194	2,423,099	24,095	3,730,030	93
321	200,391	434	146,150	12	1,952	235,036	47,009	4,009	137,037	46,981	1,322,102	1,318,113	3,989	2,456,580	94
133	91,887	1,519	427,097	98	14,875	163,299	36,514	4,790	119,395	2,600	2,066,450	2,058,421	8,029	3,365,281	95
1,004	540,138	104	31,890	24	4,704	196,905	103,142	8,109	68,680	16,974	1,020,403	1,006,500	13,903	2,595,523	96
9,353	4,359,514	71	19,647	333	70,771	1,027,409	154,197	60,166	684,545	128,501	6,715,316	6,581,815	133,501	15,285,475	97
44	22,500					1,585	85	235	1,265		5,435	4,555	880	39,350	98
22	10,050					2,743	1,300	78	1,365		72,160	70,130	2,030	100,825	99
303	172,197	115	32,974	2	575	98,593	27,590	1,250	67,353	2,400	380,031	370,596	9,435	987,005	100
2,371	1,305,670					1,046,945	2,127	404,568	640,250		1,990,547	1,869,852	120,695	8,774,053	101
29	22,320			1	150	3,480	1,568	50	1,862		52,600	51,855	745	93,803	102
2,607	1,496,891	148	28,456	549	95,939	210,588		9,556	201,032		674,008	518,608	155,400	2,834,398	103
456	241,678	39	14,457	16	3,089	156,376	32,213	2,484	38,638	83,041	457,467	444,459	13,008	1,158,338	104
743	343,622	943	304,130	93	12,329	69,490	8,310	3,731	57,324	125	1,234,364	1,227,162	7,202	2,484,252	105
2,658	1,412,855	22	10,950			527,061		43,162	483,899		12,988,845	12,194,403	794,442	18,122,814	106
49	31,536	45	12,120			4,367	504	283	3,580		101,400	100,625	775	178,460	107
30	15,220					14,348	2,140	278	11,930		1,009,351	1,005,312	4,039	1,076,803	108
297	174,034	3	579	1	151	65,778	1,244	5,431	58,409	694	1,639,090	1,613,549	25,541	2,029,590	109
11	5,908	123	37,360	1	250	24,156	19,265	240	4,291	360	101,821	100,361	1,460	243,324	110
6	5,650	21	7,257			3,201	2,411	86	704		25,223	24,865	358	59,149	111

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
112	Hand stamps	26	$128,200			$77,697	$50,503	21	23	$20,234	132	$62,458
113	Hardware	54	3,123,065	$237,220	$455,617	824,384	1,605,844	41	199	286,343	1,965	866,662
114	Hardware, saddlery	3	44,900		1,400	4,000	39,500	2	11	8,900	51	19,300
115	Hats and caps, not including fur hats and wool hats.	48	321,489	5,700	5,300	71,936	238,553	48	44	36,654	429	213,642
116	Hosiery and knit goods	14	1,530,990	28,200	167,387	521,250	814,153	6	46	66,720	1,805	494,285
117	House furnishing goods, not elsewhere specified.	20	589,608	16,700	34,300	104,346	434,262	24	62	69,572	268	110,728
118	Ice, manufactured	29	1,689,253	114,930	335,018	1,036,878	202,427	22	92	75,210	624	303,317
119	Ink, printing	7	99,958	8,000	2,000	17,315	72,643	7	14	9,115	15	8,645
120	Ink, writing	6	39,080	1,000	300	4,575	33,205	4	12	13,868	22	9,534
121	Instruments, professional and scientific	29	255,345			71,904	183,441	34	45	36,514	255	146,775
122	Iron and steel	26	43,275,739	8,151,784	6,196,416	14,473,610	14,453,929	3	780	926,091	16,642	9,640,716
123	Iron and steel, doors and shutters	4	63,758			6,850	56,908		9	11,522	45	31,206
124	Iron and steel, forgings	9	1,223,904	184,127	106,445	444,897	488,435	6	46	59,648	637	379,333
125	Iron and steel, nails and spikes, cut and wrought, including wire nails.	11	2,990,623	202,500	227,581	1,008,433	1,552,109	10	45	47,006	1,182	650,622
126	Ironwork, architectural and ornamental.	82	4,032,992	700,795	589,356	885,369	1,857,472	73	210	248,537	2,824	1,569,392
127	Japanning	5	8,700			4,800	3,900	8	1	1,200	42	18,620
128	Jewelry	31	754,122			75,150	678,972	37	76	81,815	484	341,266
129	Jewelry and instrument cases	8	47,187	1,000	1,000	14,368	30,819	8	6	4,970	103	33,834
130	Kaolin and other earth grinding	3	2,504,872	659,219	428,000	394,879	1,022,774		12	7,672	29	15,504
131	Kindling wood	3	12,050		600	1,325	10,125	4			28	11,762
132	Labels and tags	5	62,669	50	75	37,771	24,773	3	13	11,909	54	17,329
133	Lamps and reflectors	28	234,240	1,000	15,250	64,647	153,343	26	68	55,235	214	117,488
134	Lapidary work	4	56,200			7,200	49,000	4	2	1,616	20	11,962
135	Lead, bar, pipe, and sheet	3	801,668	80,000	85,000	295,000	341,668		24	42,929	185	87,618
136	Leather goods	25	416,631	5,800	6,300	68,714	335,817	28	63	66,245	669	233,090
137	Leather, tanned, curried, and finished	27	4,751,474	208,918	374,062	451,605	3,716,889	24	86	176,646	2,263	1,145,170
138	Lime and cement	32	2,280,332	803,762	332,935	675,687	467,948	21	73	80,209	690	320,577
139	Liquors, distilled	20	3,164,811	192,936	555,573	1,733,352	682,950	6	58	104,518	338	191,995
140	Liquors, malt	94	32,798,080	6,244,880	9,255,270	6,579,129	10,718,801	47	578	1,040,689	3,269	2,059,792
141	Liquors, vinous	8	19,146	1,550	4,950	2,160	10,486	9			6	906
142	Lithographing and engraving	23	810,555	13,015	15,010	331,875	450,655	17	79	104,867	627	390,344
143	Lock and gun smithing	138	112,651	28,475	13,475	31,521	39,180	151	5	3,784	91	44,163
144	Looking-glass and picture frames	142	1,466,177	73,931	154,100	292,438	945,708	159	385	320,593	2,273	854,187
145	Lumber and timber products	837	5,246,277	1,110,062	270,000	1,400,171	2,466,044	1,106	135	114,784	3,526	1,343,640
146	Lumber, planing mill products, including sash, doors, and blinds.	240	6,550,568	988,081	1,075,772	1,285,914	3,200,801	275	423	405,172	5,122	2,576,159
147	Malt	14	16,800,974	4,498,140	7,480,480	1,461,000	3,361,354	11	45	111,249	393	300,132
148	Marble and stone work	135	3,745,400	1,644,015	409,076	919,638	772,671	145	185	219,456	2,504	1,254,122
149	Masonry, brick and stone	584	3,119,868	155,815	196,990	537,134	2,229,929	721	219	250,122	8,057	4,675,681
150	Mattresses and spring beds	69	651,512	115,375	91,450	86,720	357,967	80	92	70,284	702	317,942
151	Millinery and lace goods	26	515,521	14,700	15,200	84,321	401,300	27	148	135,386	1,517	396,003
152	Millinery, custom work	1,372	1,768,519	169,570	284,293	107,278	1,207,378	1,588	271	128,930	2,746	769,185
153	Mineral and soda waters	182	992,276	94,227	137,860	387,277	372,912	205	84	71,167	717	354,534
154	Mirrors	9	430,408	24,100	52,100	54,865	299,343	4	47	49,704	300	145,458
155	Models and patterns	60	252,420	50,300	11,500	74,535	116,085	69	8	7,310	271	158,139
156	Monuments and tombstones	212	1,167,903	212,920	154,933	80,978	719,072	263	100	70,175	619	335,334
157	Mucilage and paste	8	157,600	4,000	7,000	21,800	124,800	4	36	39,730	80	26,707
158	Musical instruments and materials, not specified.	27	350,061	5,600	6,200	69,020	269,241	25	24	20,267	430	216,367
159	Musical instruments, organs and materials.	16	807,698	34,100	88,524	86,355	598,719	15	50	52,440	817	337,099
160	Musical instruments, pianos and materials.	29	10,358,402	581,262	1,061,130	522,912	8,193,098	18	339	433,471	3,853	2,054,596
161	Nets and seines	3	148,500			106,200	42,300	1	10	18,500	87	24,636
162	Oil, linseed	9	4,184,433	933,214	525,619	758,512	1,967,088	2	58	84,866	279	150,439
163	Oil, not elsewhere specified	14	182,816	7,100	10,050	13,481	152,185	11	35	37,650	43	25,170
164	Oleomargarine	7	1,131,835	40,674	165,686	150,236	775,239	3	120	110,784	528	273,084
165	Optical goods	15	112,956	200	200	25,999	86,557	18	16	10,802	150	70,261
166	Painting, house, sign, etc	1,660	2,260,965	279,992	350,480	422,194	1,208,299	1,911	229	176,847	5,008	3,049,067
167	Paints	33	3,337,850	379,442	228,439	436,939	2,343,030	8	347	460,379	702	348,674
168	Paper and wood pulp	15	1,554,858	105,985	264,877	550,762	633,234	6	35	37,370	623	250,303
169	Paper goods, not elsewhere specified	13	140,653	300	300	29,250	110,803	12	32	32,352	224	76,203
170	Paper hanging	99	143,053	5,650	6,405	23,128	107,870	119	23	20,280	335	216,057
171	Paper hangings	3	222,432	7,200	18,000	53,874	143,358		38	82,376	146	83,848
172	Paper patterns	4	4,002		200	602	3,200	3	1	900	9	3,580
173	Patent medicines and compounds	209	2,472,744	184,500	153,050	187,185	1,948,009	174	612	540,645	866	349,870
174	Paving and paving materials	181	1,777,783	294,725	162,160	536,593	784,305	221	140	165,886	3,363	1,344,425
175	Perfumery and cosmetics	31	231,527	5,500	2,300	21,800	201,927	36	82	57,108	144	61,908
176	Photographic apparatus	8	81,150		1,800	26,450	52,900	8	19	13,930	99	45,173
177	Photographic materials	16	173,222	4,000	3,500	50,100	115,622	16	35	21,500	154	67,662
178	Photography	641	1,142,572	100,865	192,525	392,164	457,018	698	226	144,499	945	477,175
179	Photolithographing and photoengraving.	20	359,026			161,258	197,768	8	165	171,054	661	449,000
180	Pickles, preserves, and sauces	57	915,609	120,740	128,692	104,785	561,392	63	214	100,386	672	245,948
181	Pipes, tobacco	7	12,235	360	1,400	2,975	7,500	8	4	4,120	10	6,278

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
102	$56,002	15	$3,857	15	$2,599	$31,783	$12,125	$296	$16,862	$2,500	$77,123	$75,070	$2,053	$243,268	112
1,774	824,286	107	30,527	84	11,849	349,970	27,119	12,078	290,373	20,400	1,718,631	1,678,240	40,391	3,727,828	113
41	17,200	4	1,100	8	1,000	12,789	1,143	179	1,867	9,600	59,449	57,824	1,625	130,415	114
242	150,710	183	62,126	4	806	56,211	25,656	1,131	29,324	100	479,406	475,006	4,400	951,668	115
417	178,298	1,233	293,337	155	22,650	126,332	14,132	7,204	104,996	----------	1,261,242	1,233,702	27,540	2,145,429	116
205	95,088	39	10,826	23	4,814	87,235	17,600	1,537	67,748	350	630,027	622,735	7,292	999,027	117
623	302,615	1	702	----------	----------	173,895	1,935	6,735	165,225	----------	173,850	75,705	98,145	990,827	118
14	8,470	1	175	----------	----------	11,220	2,802	345	8,073	----------	59,173	56,367	2,806	96,400	119
15	7,684	7	1,850	----------	----------	11,521	1,476	130	9,915	----------	42,214	41,908	306	87,615	120
236	140,890	8	3,678	11	2,207	90,763	15,415	724	73,824	800	162,860	158,064	4,796	579,471	121
16,302	9,550,599	147	43,997	193	16,120	3,208,240	6,000	141,067	3,061,173	----------	41,729,261	34,625,121	7,104,140	60,303,144	122
45	31,206	----------	----------	----------	----------	14,804	1,760	100	6,614	6,330	50,648	49,958	690	132,796	123
625	377,037	9	1,872	3	424	64,003	4,020	5,209	52,647	2,127	889,143	855,875	33,268	1,899,430	124
1,107	630,108	60	16,979	15	3,535	182,795	560	11,486	170,749	----------	4,282,108	4,164,569	117,539	6,925,928	125
2,822	1,568,800	1	332	1	260	332,020	32,545	17,513	224,372	57,590	4,534,349	4,427,520	106,829	7,911,496	126
42	18,620	----------	----------	----------	----------	3,834	3,330	53	451	----------	3,925	2,405	1,520	47,775	127
443	330,754	29	8,268	12	2,244	57,386	28,817	3,966	22,903	1,700	801,638	793,895	7,743	1,601,308	128
38	18,996	63	14,388	2	450	5,524	2,667	119	2,738	----------	56,919	55,954	965	142,089	129
29	15,504	----------	----------	----------	----------	11,175	208	616	10,351	----------	52,323	47,946	4,377	99,428	130
27	11,572	----------	----------	1	190	749	510	15	224	----------	17,316	17,146	170	34,800	131
20	12,196	33	4,997	1	136	5,382	2,895	80	2,407	----------	23,029	22,314	715	90,191	132
210	116,432	1	400	3	656	75,377	14,131	1,128	31,268	28,850	308,258	304,870	3,388	719,718	133
18	11,628	----------	----------	2	334	4,150	2,120	350	880	800	98,990	98,395	595	149,372	134
185	87,618	----------	----------	----------	----------	31,882	8,000	4,144	19,738	----------	1,734,054	1,727,467	6,587	1,994,146	135
422	171,918	226	57,282	21	3,890	57,499	20,553	1,541	35,405	----------	655,212	649,639	5,573	1,194,483	136
2,242	1,141,259	----------	----------	21	3,911	181,350	21,090	23,377	136,883	----------	5,784,474	5,710,738	73,736	7,847,835	137
686	319,979	2	316	2	282	104,106	3,455	10,423	82,908	7,320	427,253	251,782	175,471	1,311,503	138
337	191,780	1	215	----------	----------	33,391,799	32,170	13,255	33,346,374	----------	3,734,652	3,526,301	208,351	38,208,076	139
8,205	2,047,023	52	10,426	12	2,343	9,927,696	4,260	189,690	9,718,746	15,000	4,036,178	3,635,274	400,904	19,733,821	140
3	500	2	256	1	150	605	----------	70	535	----------	6,174	6,144	30	13,265	141
557	375,013	46	10,996	24	4,335	99,436	40,101	3,558	48,697	7,080	661,577	650,988	10,589	1,403,526	142
84	42,817	3	650	4	696	29,315	23,733	975	4,134	473	62,701	59,094	3,607	241,609	143
1,897	772,643	215	58,248	161	23,296	252,085	94,057	5,901	147,178	4,949	1,638,746	1,618,656	20,090	3,688,972	144
3,365	1,314,793	33	8,040	128	20,807	260,073	17,501	30,466	212,106	----------	4,619,705	4,617,048	2,657	7,652,118	145
4,961	2,549,262	8	700	158	26,197	572,890	86,327	45,329	330,567	110,667	6,072,377	5,989,425	82,952	11,141,771	146
393	300,132	----------	----------	----------	----------	207,692	10,850	27,693	169,149	----------	4,018,282	3,874,914	143,368	5,135,990	147
2,504	1,254,122	----------	----------	----------	----------	264,302	48,545	20,191	162,086	33,480	1,058,410	985,015	73,395	3,458,284	148
8,047	4,671,981	9	3,620	1	80	3,210,760	39,794	12,439	206,483	2,952,044	8,992,938	8,927,399	65,539	19,486,133	149
581	285,274	103	29,818	18	2,850	173,142	28,701	3,739	140,702	----------	800,628	791,283	9,345	1,668,811	150
98	57,050	1,404	335,553	15	3,400	157,164	49,590	4,218	103,056	300	1,041,558	1,037,188	4,370	2,103,124	151
28	30,498	2,704	737,191	14	1,496	396,164	272,333	12,712	110,411	708	2,736,842	2,714,603	22,239	5,541,177	152
694	348,867	14	4,219	9	1,448	113,739	38,275	9,648	65,816	----------	557,266	540,687	16,579	1,538,083	153
273	141,127	----------	----------	27	4,331	26,475	7,650	1,643	17,182	----------	568,459	562,938	5,521	900,007	154
248	152,260	16	4,771	7	1,108	29,487	18,189	1,001	9,377	920	68,777	62,911	5,866	374,952	155
619	335,334	----------	----------	----------	----------	81,864	16,961	7,405	38,998	18,500	1,122,781	1,116,510	6,271	2,062,393	156
47	20,719	33	5,988	----------	----------	24,838	5,929	1,351	17,558	----------	184,103	181,763	2,340	305,964	157
414	214,136	2	325	14	1,906	39,135	16,578	1,612	20,595	350	167,696	162,312	5,384	514,393	158
760	325,575	3	624	54	10,900	152,994	22,230	5,226	74,613	50,925	517,458	503,317	14,141	1,191,197	159
3,545	1,977,511	86	23,931	222	53,154	779,474	23,165	53,654	699,200	3,455	2,805,189	2,753,170	52,019	6,965,248	160
11	7,800	72	16,336	4	500	12,995	3,780	310	8,905	----------	125,402	124,462	940	186,303	161
273	148,692	5	1,513	1	234	140,227	5,817	15,251	118,276	883	6,063,868	6,016,945	46,923	6,935,051	162
42	24,920	1	250	----------	----------	19,736	9,932	939	8,865	----------	322,777	320,803	1,974	500,592	163
491	261,655	35	11,129	2	300	1,386,148	11,280	4,447	1,370,421	----------	3,353,904	3,329,101	24,803	5,852,413	164
106	55,253	39	14,308	5	700	23,215	8,306	613	13,546	750	98,168	95,875	2,293	272,347	165
4,948	3,034,458	36	10,099	24	4,510	329,940	189,417	12,447	109,338	18,738	2,205,662	2,189,179	16,483	7,994,814	166
629	324,862	72	23,512	1	300	414,110	41,435	21,822	350,763	90	4,375,872	4,314,678	61,194	5,987,548	167
577	239,318	37	9,602	9	1,383	72,650	23,050	4,365	45,235	----------	798,370	664,191	134,179	1,431,618	168
81	37,334	121	35,377	22	3,492	20,859	14,358	945	5,256	300	256,743	249,442	7,301	461,514	169
333	215,557	2	500	----------	----------	24,231	12,334	383	4,464	7,050	139,999	139,262	737	548,728	170
134	81,104	2	504	10	2,240	46,052	7,134	998	37,920	----------	270,528	265,227	5,301	531,663	171
3	1,490	6	2,090	----------	----------	1,804	1,180	5	619	----------	2,356	2,316	40	14,975	172
366	187,352	483	159,490	17	3,028	1,566,900	68,504	9,150	1,473,005	16,241	1,340,233	1,323,826	16,407	4,998,603	173
3,361	1,343,895	1	250	1	280	196,347	28,293	8,058	103,546	56,450	2,676,165	2,631,835	44,330	5,277,630	174
61	35,973	81	25,452	2	483	161,313	15,150	1,200	139,788	5,175	263,235	261,360	1,875	668,168	175
84	37,173	15	8,000	----------	----------	34,568	4,740	233	24,295	5,300	53,091	51,451	1,640	225,718	176
109	56,212	29	8,812	16	2,638	68,574	9,472	1,402	11,500	46,200	140,877	137,610	3,267	412,172	177
642	370,432	272	101,589	31	5,154	264,558	157,732	6,711	92,068	8,047	745,097	725,303	19,794	2,641,800	178
636	436,231	19	11,036	6	1,733	146,853	34,651	1,857	90,245	20,100	155,453	143,436	12,017	1,060,789	179
355	172,735	294	69,630	23	3,583	72,760	26,036	6,481	39,243	1,000	1,299,915	1,283,474	16,441	2,125,243	180
10	6,278	----------	----------	----------	----------	1,832	1,200	70	562	----------	16,459	15,984	475	38,098	181

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
182	Plastering and stuccowork	234	$464,515	$49,520	$91,990	$94,724	$228,281	283	33	$45,960	1,240	$721,038
183	Plated and britannia ware	3	465,219	20,000	72,082	125,767	247,420	--------	26	19,932	222	86,126
184	Plumbers' supplies	12	2,938,203	260,000	443,478	961,254	1,273,471	4	126	142,203	1,507	803,786
185	Plumbing, and gas and steam fitting	1,072	2,944,057	293,255	381,207	361,323	1,908,272	1,234	308	246,510	4,096	2,847,180
186	Pottery, terra cotta, and fire-clay products.	53	3,511,765	429,372	1,130,122	800,971	1,151,300	41	153	201,156	2,005	841,053
187	Printing and publishing, book and job	725	13,489,172	75,775	895,216	5,204,104	7,314,077	723	1,907	1,824,831	10,455	5,036,703
188	Printing and publishing, music	22	247,145	1,000	2,000	63,900	180,245	18	54	33,529	53	26,857
189	Printing and publishing, newspapers and periodicals.	1,250	12,259,569	893,231	1,524,023	4,847,495	4,994,820	1,239	2,894	2,420,322	7,478	3,704,341
190	Printing materials	7	36,650	----------	----------	19,950	16,700	3	16	16,642	31	21,322
191	Pumps, not including steam pumps	5	377,975	54,301	61,056	53,924	208,694	2	27	23,390	161	61,657
192	Refrigerators	8	184,853	9,500	40,000	36,253	99,100	7	23	24,938	217	93,467
193	Regalia and society banners and emblems.	10	111,275	5,500	12,700	13,445	79,630	8	18	14,170	152	58,808
194	Roofing and roofing materials	166	1,235,562	179,225	132,850	290,171	633,316	186	136	130,583	1,030	550,277
195	Rubber and elastic goods	17	1,188,595	1,000	7,000	257,990	922,605	19	275	203,974	858	397,426
196	Saddlery and harness	1,139	3,566,943	424,453	663,841	273,776	2,204,873	1,224	148	122,609	1,964	899,915
197	Sausage	15	177,533	27,000	67,266	33,270	49,997	21	10	7,816	134	72,317
198	Saws	9	249,000	49,500	53,500	62,000	84,000	7	21	19,500	158	84,200
199	Scales and balances	9	214,302	40,800	24,500	47,987	101,015	7	19	19,860	123	57,361
200	Sewing machine cases	3	195,266	21,000	48,635	19,642	105,989	--------	17	13,088	342	133,430
201	Sewing machine repairing	30	11,855	500	1,000	4,380	5,975	24	4	2,681	20	10,590
202	Sewing machines and attachments	11	2,001,079	16,599	284,681	411,259	1,288,540	3	120	156,822	1,180	695,369
203	Ship and boat building, wooden	17	363,006	149,817	74,975	22,745	115,469	19	13	46,550	311	159,158
204	Shirts	61	765,665	2,600	17,964	105,401	639,700	74	140	114,884	1,975	604,839
205	Show cases	17	280,410	31,500	64,500	26,760	157,650	19	21	20,484	358	190,718
206	Silk and silk goods	4	259,540	15,000	25,000	95,959	123,581	1	33	51,180	412	121,644
207	Slaughtering and meat packing, wholesale.	51	70,782,361	3,381,255	10,447,918	6,859,804	50,093,384	50	4,181	4,380,649	27,626	13,898,950
208	Slaughtering, wholesale, not including meat packing.	13	446,901	37,100	112,500	85,430	211,871	12	45	43,636	235	145,888
209	Smelting and refining, not from the ore	6	57,800	500	6,100	11,300	39,900	5	6	7,010	39	23,776
210	Soap and candles	39	6,529,133	1,064,743	953,613	1,372,852	3,137,925	38	393	453,300	1,556	560,416
211	Soda water apparatus	5	235,795	1,100	2,000	51,513	181,182	--------	40	38,278	130	80,709
212	Sporting goods	10	156,074	36,675	24,114	24,453	70,832	7	19	10,950	111	44,629
213	Springs, steel, car and carriage	3	132,509	----------	----------	34,895	97,614	1	20	20,246	216	103,169
214	Stamped ware	11	117,310	13,250	14,900	56,700	32,460	14	16	13,040	116	45,912
215	Starch	3	169,210	2,600	30,000	103,600	33,010	1	6	7,400	86	52,600
216	Stationery goods, not elsewhere specified.	15	407,033	----------	----------	72,608	334,425	5	46	55,791	278	87,134
217	Steam fittings and heating apparatus	30	730,985	30,901	58,269	182,364	459,451	20	74	92,875	508	306,702
218	Steam packing	7	64,750	----------	----------	15,050	49,700	4	26	20,856	83	39,798
219	Stencils and brands	6	130,860	----------	----------	39,710	91,150	7	14	9,600	105	53,420
220	Stereotyping and electrotyping	15	343,669	----------	----------	185,996	157,673	9	51	68,148	455	298,660
221	Sugar and molasses, refining	41	444,320	16,610	19,705	63,215	344,790	48	35	26,700	166	82,197
222	Surgical appliances	19	208,587	2,650	4,100	68,387	133,450	13	62	94,842	169	72,943
223	Taxidermy	9	4,115	----------	----------	530	3,585	10	----------	----------	2	1,100
224	Tin and terne plate	3	413,055	32,000	36,000	158,000	187,055	1	16	19,323	166	88,061
225	Tinsmithing, coppersmithing, and sheet-iron working.	1,172	6,552,971	682,796	852,601	1,734,082	3,283,492	1,367	328	332,829	5,413	2,624,383
226	Tobacco, chewing, smoking, and snuff	30	908,481	26,250	56,500	123,804	701,927	28	87	127,728	671	217,034
227	Tobacco, cigars and cigarettes	1,489	3,200,934	320,296	379,222	142,171	2,359,245	1,630	219	187,366	5,221	2,452,674
228	Tools, not elsewhere specified	39	741,677	67,350	61,414	170,967	441,946	37	58	28,546	305	166,078
229	Toys and games	13	78,745	6,000	13,100	17,695	41,950	15	29	9,832	87	29,293
230	Trunks and valises	25	693,324	63,000	118,000	53,248	459,076	22	74	84,892	776	375,859
231	Type founding	3	528,150	----------	500	251,150	276,500	1	70	73,980	412	224,740
232	Typewriter repairing	4	8,765	----------	----------	565	8,200	3	2	1,940	19	12,074
233	Typewriters and supplies	6	768,848	----------	----------	255,408	513,440	1	118	86,420	442	235,912
234	Umbrellas and canes	3	8,525	100	150	925	7,350	2	13	7,700	29	11,193
235	Upholstering materials	16	457,376	37,721	69,062	103,816	246,777	11	53	75,132	497	172,505
236	Varnish	19	2,344,728	297,178	348,279	180,996	1,518,275	10	171	242,157	187	124,688
237	Vinegar and cider	74	1,050,098	166,121	272,332	351,720	259,925	76	102	121,156	216	101,356
238	Washing machines and clothes wringers.	9	52,950	5,500	2,500	7,200	37,750	11	3	2,750	24	12,888
239	Watch and clock materials	3	17,200	1,000	6,000	5,500	4,700	5	----------	----------	38	23,100
240	Watch cases	4	730,894	200,685	37,550	158,941	333,718	3	27	18,884	407	170,919
241	Watch, clock, and jewelry repairing	943	771,533	76,320	96,934	251,093	347,186	991	40	25,067	656	366,731
242	Watches	3	6,353,411	340,000	812,518	2,548,581	2,652,312	--------	56	69,266	2,578	1,384,152
243	Whips	3	35,525	500	500	7,025	27,500	3	6	2,520	126	29,916
244	Windmills	16	1,947,965	290,345	242,598	286,689	1,128,333	9	164	142,015	1,024	479,224
245	Window shades	25	1,118,127	3,100	44,697	123,256	947,074	19	70	70,922	261	123,352
246	Wire	3	1,480,729	99,761	115,828	457,153	807,987	--------	19	31,441	617	334,334
247	Wirework, including wire rope and cable.	52	1,244,824	64,241	171,083	342,352	667,148	47	89	86,505	632	253,851
248	Wood, turned and carved	69	347,035	8,855	22,475	136,119	179,586	78	41	42,489	704	332,478
249	Woodenware, not elsewhere specified	6	188,054	21,000	48,050	41,244	77,760	1	28	15,137	128	55,761
250	Woolen goods	13	1,571,625	100,994	211,679	367,731	891,221	4	50	69,023	693	210,157
251	Zinc, smelting and refining	5	3,186,319	138,100	637,434	1,095,041	1,315,744	--------	80	222,022	1,551	758,912
252	All other industries[1]	74	13,874,981	1,257,945	2,491,333	4,385,200	5,740,503	47	269	356,658	4,151	1,715,149

[1] Embraces ammunition, 2; bells, 1; belting and hose, linen, 1; belting and hose, rubber, 1; boot and shoe findings, 2; card cutting and designing, 1; charcoal, 1; chocolate and cocoa products, 2; clothing, horse, 2; coke, 1; combs, 1; copper, smelting and refining, 1; cordage and twine, 2; cotton goods, 1; cotton waste, 1; crucibles, 1; drug grinding, 2; dye stuffs and extracts, 2; engravers' materials, 1; felt goods, 1; fire extinguishers, chemical, 2; fuel, artificial, 1; gas and oil stoves, 2; glue, 2; hat and cap materials, 1; horseshoes, factory product, 1; iron and steel, bolts, nuts, washers, and rivets, 2; ivory and bone work, 2; lard, refined, 1; lasts, 2;

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
1,234	$719,052	3	$1,286	3	$700	$52,093	$12,836	$2,547	$24,624	$12,086	$636,735	$610,800	$25,935	$1,942,498	182
194	79,446	28	6,680			35,998		1,636	34,362		141,343	138,968	2,375	365,323	183
1,385	769,055	56	20,556	66	14,175	140,190	21,244	10,934	108,012		980,912	932,826	48,086	2,366,627	184
4,066	2,842,030	6	1,420	24	3,680	448,728	217,678	15,931	137,658	77,461	5,153,756	5,109,902	43,854	11,150,676	185
1,923	824,823	37	9,250	45	6,980	172,446	8,769	11,253	131,730	20,694	576,061	332,182	243,879	2,143,521	186
7,958	4,302,442	2,252	687,904	245	46,357	3,029,709	511,283	53,396	960,979	1,504,051	5,394,432	5,210,435	183,997	19,761,780	187
33	19,835	13	5,210	7	1,812	106,706	9,668	790	33,181	63,067	44,859	43,995	864	282,297	188
6,071	3,317,615	972	333,076	435	53,650	3,668,045	397,302	68,972	2,079,416	1,122,355	4,138,134	3,982,144	155,990	19,404,955	189
31	21,322					23,921	6,556	110	17,255		43,616	43,264	352	149,400	190
161	61,657					26,504	108	2,084	24,012	300	108,758	106,529	2,229	224,951	191
205	91,559	2	480	10	1,428	14,723	3,226	1,210	10,287		133,944	128,309	5,635	337,875	192
50	27,087	95	30,893	7	828	11,567	4,632	1,073	3,362	2,500	124,025	121,458	2,567	246,887	193
1,028	549,877			2	400	144,029	27,596	6,892	98,421	11,120	1,325,361	1,304,269	21,092	2,586,664	194
543	321,687	248	60,744	67	14,995	309,562	41,048	9,851	258,363	300	1,958,502	1,937,720	20,782	3,685,777	195
1,820	870,965	86	20,459	58	8,491	230,062	116,892	22,702	88,854	1,614	2,663,868	2,635,954	27,914	5,057,097	196
132	72,017			2	300	15,996	3,746	1,933	10,317		504,136	497,105	7,031	755,102	197
158	84,200					16,544	5,857	2,542	8,145		141,331	136,037	5,294	378,625	198
120	56,786			3	575	21,965	2,794	1,754	17,417		88,996	85,041	3,955	307,879	199
330	131,480			12	1,950	19,602	8,147	1,691	9,764		194,256	191,378	2,878	410,736	200
18	10,290			2	300	6,148	5,017	64	917	150	13,414	12,905	509	46,021	201
1,133	687,500	15	1,731	32	6,138	150,193	15,570	6,122	127,501	1,000	1,828,411	1,817,373	6,038	3,074,637	202
311	159,158					11,526	3,622	3,067	4,785	52	83,246	81,004	2,242	322,446	203
243	136,161	1,677	460,490	55	8,188	131,098	36,696	4,282	53,084	37,036	1,213,273	1,202,025	11,248	2,456,529	204
343	188,328			15	2,390	27,490	7,632	1,738	18,120		298,530	293,200	5,330	630,578	205
81	43,475	310	73,919	21	4,250	42,410	7,950	1,974	19,720	12,766	187,514	184,484	3,030	421,088	206
25,557	13,316,489	1,473	427,203	596	155,258	14,158,171	64,252	273,231	13,820,688		239,757,479	239,046,655	710,824	279,842,835	207
235	145,888					53,225	9,012	3,209	41,004		6,955,830	6,943,737	12,093	8,079,442	208
39	23,776					7,635	5,106	469	2,060		212,793	208,043	4,750	295,864	209
1,066	419,247	293	119,303	197	21,866	732,106	9,099	28,979	692,528	1,500	6,032,957	5,918,918	114,039	9,436,430	210
130	80,709					31,361	10,150	1,034	20,177		169,667	166,267	3,400	404,661	211
85	35,994	25	8,435	1	200	11,954	1,247	601	10,106		98,422	97,181	1,241	224,590	212
213	102,419			3	750	34,276	9,400	324	24,552		210,225	201,447	8,778	408,677	213
93	41,148	14	3,190	9	1,574	9,331	4,325	837	4,169		76,807	74,087	2,720	179,744	214
64	46,100	17	5,000	5	1,500	22,528	360	268	21,900		345,324	341,300	4,024	542,190	215
95	46,892	131	31,288	52	8,954	152,215	20,404	1,358	86,203	44,250	193,452	189,404	4,048	684,958	216
502	305,714			6	988	73,572	15,135	2,805	50,676	4,956	813,483	804,508	8,975	1,532,683	217
82	39,478	1	320			25,818	4,774	384	5,660	15,000	78,155	74,085	4,070	231,093	218
105	53,420					7,439	6,025	409	1,005		54,331	53,013	1,318	222,025	219
433	294,288	1	500	21	3,872	89,271	28,366	1,089	54,093	5,723	93,969	89,690	4,279	673,262	220
128	69,466	33	12,731			56,005	17,279	3,614	15,125	19,987	1,138,191	1,127,146	11,045	1,380,956	221
86	46,501	50	25,818	3	624	59,908	11,365	1,395	46,498	650	158,738	155,229	3,509	444,563	222
2	1,100					1,096	1,015	1	80		2,508	2,366	142	10,240	223
151	83,943	15	4,118			29,993		1,719	28,274		1,778,048	1,769,117	8,931	2,081,837	224
4,489	2,349,237	470	162,194	454	112,952	601,617	172,062	30,592	374,074	24,889	6,977,751	6,870,026	107,725	12,541,684	225
174	88,730	425	116,454	72	11,850	1,549,724	19,571	5,554	1,524,569	30	1,072,500	1,061,723	10,777	3,167,552	226
4,167	2,177,648	874	251,117	180	23,909	1,242,252	173,842	16,403	1,047,743	4,264	3,116,597	3,091,701	24,896	8,741,483	227
277	160,778	21	4,320	7	980	52,931	4,997	3,012	44,847	75	155,748	146,267	9,481	588,525	228
55	20,682	31	8,496	1	115	20,357	1,982	253	12,122	6,000	41,781	41,122	659	149,756	229
638	340,614	64	20,271	74	14,974	50,689	14,794	3,511	32,384		501,541	497,428	4,113	1,222,156	230
289	192,800	98	28,340	25	3,600	90,132	20,056	9,476	60,600		316,582	307,923	8,659	1,107,112	231
19	12,074					1,670	870	5	675	120	15,300	15,300		39,100	232
420	229,141	20	6,511	2	260	85,786	6,938	1,196	76,332	1,320	137,995	135,026	2,969	584,288	233
6	3,550	23	7,613			1,063	692	47	324		36,561	36,352	209	77,325	234
173	86,846	267	76,866	57	8,793	68,109	17,200	2,735	44,064	4,110	407,424	400,351	7,073	850,150	235
177	122,980	9	1,552	1	156	138,423	5,611	10,498	120,584	1,730	1,276,709	1,259,424	17,285	2,190,265	236
201	98,454	18	2,697	2	205	91,429	3,053	7,071	80,130	1,175	526,734	504,268	22,466	945,741	237
23	12,784			1	104	12,052	2,561	74	9,417		31,051	30,453	598	81,016	238
17	16,900	21	6,200			236	80	82	74		13,442	13,102	340	40,040	239
274	142,361	101	23,938	32	4,620	21,389	2,335	989	18,065		294,491	288,690	5,801	560,934	240
614	357,773	22	6,254	20	2,704	171,300	124,727	4,923	28,908	12,742	287,878	275,503	12,375	1,462,079	241
1,275	857,277	1,303	526,875			119,040		21,137	97,903		246,392	223,097	23,295	1,839,792	242
83	21,210	10	2,706	33	6,000	3,282	1,950	357	975		32,673	32,527	146	82,400	243
1,012	475,124	6	1,820	6	2,280	144,653	1,049	10,756	132,848		1,232,333	1,212,865	19,468	2,262,992	244
193	103,179	65	18,937	3	1,236	43,229	11,308	2,245	29,676		1,159,277	1,152,467	6,810	1,577,170	245
616	333,894			1	440	97,368		4,344	93,024		1,992,752	1,955,157	37,595	2,879,188	246
570	240,694	31	7,197	31	5,960	124,827	6,752	5,406	112,669		1,111,435	1,095,021	16,414	1,825,729	247
656	323,334	7	1,350	41	7,794	56,201	29,808	1,501	24,792	100	281,518	262,013	19,505	901,170	248
115	53,171	4	1,192	9	1,398	12,655	2,513	970	8,296	876	129,115	126,626	2,489	232,293	249
368	139,831	290	66,888	35	3,438	73,486	1,350	5,727	66,409		492,270	478,692	13,578	932,987	250
1,533	754,698			18	4,214	109,407		12,033	97,374		4,416,815	4,155,154	261,661	5,882,746	251
3,203	1,460,549	852	237,908	96	16,692	736,021	48,294	38,293	625,276	24,158	20,182,844	19,966,083	216,761	27,164,245	252

lead, smelting and refining, 2; mantels, slate, marble, and marbleized, 1; needles and pins, 1; oil, cottonseed and cake, 1; pencils, lead, 1; pens, gold, 2; phonographs and graphophones, 1; pocketbooks, 1; pulp goods, 1; registers, car fare, 1; safes and vaults, 1; salt, 1; screws, machine, 2; shipbuilding, iron and steel, 1; shoddy, 2; silversmithing, 2; silverware, 1; sugar and molasses, beet, 1; tinfoil, 1; tobacco, stemming and rehandling, 1; vault lights and ventilators, 2; wood, preserving, 1; wool pulling, 1; wool scouring, 2.

TABLE 8.—MANUFACTURES IN CITIES

AURORA.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	229	$6,304,454	$692,981	$1,403,473	$2,152,823	$2,055,177	246	338	$311,158	4,647	$1,952,025
2	Blacksmithing and wheelwrighting	13	21,600	2,000	3,400	7,025	9,175	17	1	1,200	33	19,240
3	Boots and shoes, custom work and repairing.	8	2,950		50	1,425	1,475	8			6	2,706
4	Bread and other bakery products	5	130,569			59,556	71,013	5	29	18,884	48	19,971
5	Carpentering	12	34,150	3,850	5,200	3,700	21,400	13			102	57,001
6	Clothing, men's, custom work and repairing.	11	10,500			2,350	8,150	12	3	3,000	43	22,750
7	Clothing, women's, dressmaking	5	4,585	600	1,400	700	1,885	5			30	8,250
8	Clothing, women's, factory product	5	58,600			10,000	48,600	4	18	14,950	147	29,400
9	Confectionery	4	11,850	2,500	4,000	4,400	950	5			5	2,620
10	Foundry and machine shop products	11	1,322,363	124,787	255,475	401,943	540,158	3	98	105,113	1,046	466,035
11	Furniture, cabinetmaking, repairing, and upholstering.	3	1,290	150	350	190	600	3			3	1,550
12	Millinery, custom work	9	16,725			1,500	15,225	4			37	11,486
13	Painting, house, sign, etc	13	16,225			2,500	13,725	18	5	1,420	36	20,390
14	Paving and paving materials	5	30,600			4,250	26,350	8	5	2,900	57	30,040
15	Photography	5	10,375			8,000	2,375	5			4	2,600
16	Plumbing, and gas and steam fitting	9	69,600	6,500	11,800	6,400	44,900	19	6	2,235	37	23,650
17	Printing and publishing, book and job	4	22,150			17,200	4,950	5			31	11,200
18	Printing and publishing, newspapers and periodicals.	6	85,200	5,500	13,000	40,800	25,900	6	10	4,510	55	22,401
19	Saddlery and harness	6	30,250	12,000	9,500	3,400	5,350	6	1	400	8	4,100
20	Tinsmithing, coppersmithing, and sheet-iron working.	14	74,675	17,500	21,000	6,575	29,600	16	3	1,580	30	16,000
21	Tobacco, cigars and cigarettes	16	43,860	4,350	8,100	1,185	30,225	21			43	22,445
22	Watch, clock, and jewelry repairing	10	70,979	27,200	11,500	14,414	17,865	10	2	820	28	13,040
23	All other industries[1]	55	4,235,358	486,044	1,058,698	1,555,310	1,135,306	53	157	154,146	2,818	1,145,150

[1] Embraces bicycle and tricycle repairing, 2; boxes, wooden packing, 1; brick and tile, 2; brooms and brushes, 1; carriages and wagons, 2; cars and general shop construction and repairs by steam railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; chemicals, 1; clothing, men's, factory product, 1; cooperage, 1; corsets, 2; cotton goods, 1; dyeing and cleaning, 2; dyeing and finishing textiles, 1; electrical apparatus and supplies, 1; electrical construction and repairs, 1; fancy articles, not elsewhere specified, 2; flouring and grist mill products, 2; furnishing goods, men's, 2; furniture, factory product, 1;

BLOOMINGTON.

1	All industries	185	$2,465,300	$121,050	$375,625	$865,569	$1,103,056	196	207	$147,282	2,030	$974,736
2	Bicycle and tricycle repairing	3	2,205			500	1,705	3			2	676
3	Blacksmithing and wheelwrighting	15	24,027	11,300	5,000	1,545	6,182	17			25	11,225
4	Boots and shoes, custom work and repairing.	10	8,245	5,625	1,375	750	495	10			3	1,042
5	Brick and tile	5	79,655		27,300	17,986	34,369	3	7	4,975	103	44,100
6	Carpentering	11	44,950	6,675	6,600	13,250	18,425	12	5	3,360	67	41,834
7	Carriages and wagons	3	53,300	8,500	24,000	2,300	18,500	8			16	8,350
8	Clothing, men's, custom work and repairing.	11	41,049			2,447	38,602	11	2	1,664	74	29,094
9	Dyeing and cleaning	4	7,450	1,600	3,500	1,450	900	4			5	2,574
10	Flouring and grist mill products	5	108,500	8,000	18,300	42,500	39,700	7	3	2,800	17	10,907
11	Foundry and machine shop products	7	285,095	23,000	48,000	31,300	182,795	6	24	21,560	168	77,390
12	Lumber, planing mill products, including sash, doors, and blinds.	8	108,510	5,000	10,000	19,559	73,951	2	12	10,684	81	36,814
13	Millinery, custom work	5	33,535	5,000	10,000	135	18,400	5	22	9,270	31	10,689
14	Monuments and tombstones	3	43,003	5,250	15,700	1,375	20,678	5	4	2,162	13	5,753
15	Painting, house, sign, etc	6	32,870	3,500	3,500	1,800	24,070	9	5	2,704	31	15,106
16	Photography	6	16,360			6,450	9,910	6			13	6,861
17	Plumbing, and gas and steam fitting	6	36,850	4,000	2,500	2,150	28,200	7	5	1,836	52	30,130
18	Printing and publishing, book and job	7	90,400			45,000	45,400	8	18	15,516	122	44,830
19	Printing and publishing, newspapers and periodicals.	5	92,200	2,000	25,000	36,600	28,600	7	22	12,282	68	28,972
20	Saddlery and harness	8	52,805	1,400	2,100	3,780	45,525	8	4	3,950	36	14,039
21	Tinsmithing, coppersmithing, and sheet-iron working.	12	21,015	1,000	350	3,900	15,765	15			23	14,504
22	Tobacco, cigars and cigarettes	15	29,550	500	800	2,010	26,240	16	7	4,040	57	28,036
23	Watch, clock, and jewelry repairing	13	5,235			3,300	1,935	11			14	6,738
24	All other industries[1]	22	1,248,491	28,700	171,600	625,482	422,709	16	67	50,479	1,009	505,072

[1] Embraces awnings, tents, and sails, 1; brooms and brushes, 1; cars and general shop construction and repairs by steam railroad companies, 1; confectionery, 2; flavoring extracts, 1; food preparations, 1; furniture, factory product, 1; gas, illuminating and heating, 1; ice, manufactured, 1; liquors, malt, 1; lock and gun smithing, 2;

BY SPECIFIED INDUSTRIES: 1900.

AURORA.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
3,508	$1,702,663	982	$226,237	157	$23,125	$495,077	$47,420	$29,407	$415,250	$3,000	$3,490,279	$3,374,381	$115,898	$7,370,029	1
33	19,240					2,690	2,224	126	340		52,506	51,582	924	98,700	2
6	2,706					864	665	14	185		3,012	2,932	80	9,220	3
88	18,062	10	1,909			9,444	4,496	196	4,752		74,432	71,899	2,533	131,881	4
102	57,001					1,216	544	132	540		120,196	120,160	36	226,180	5
37	21,250	6	1,500			6,224	3,424	100	2,700		20,854	20,745	109	71,450	6
		30	8,250			1,185	840	35	310		6,805	6,685	120	22,500	7
5	2,600	142	26,800			12,577	1,840	132	10,605		174,227	173,470	757	282,000	8
5	2,620					758	300	113	345		6,501	6,270	231	13,950	9
1,045	465,794			1	241	110,825	3,120	4,196	103,509		867,342	838,954	28,388	1,792,840	10
3	1,550					406	252	14	140		1,150	1,105	45	4,300	11
		37	11,486			4,048	3,078	20	950		36,187	35,905	282	66,850	12
36	20,390					2,799	2,088	182	529		23,735	23,555	180	65,800	13
57	30,040					1,375	885	35	455		62,030	61,810	220	118,400	14
4	2,600					1,813	1,420	27	366		3,990	3,880	110	16,000	15
37	23,650					2,707	1,600	278	829		58,014	57,015	999	117,800	16
31	11,200					1,428	792	61	575		13,199	12,532	667	38,200	17
47	19,694	8	2,707			9,590	1,710	350	7,530		15,081	14,085	996	72,125	18
8	4,100					1,554	936	213	405		9,067	8,835	232	21,915	19
30	16,000					4,856	2,154	860	1,842		27,424	26,639	785	68,980	20
36	21,545			7	900	10,198	3,113	272	6,813		22,523	22,215	308	68,350	21
16	9,040	12	4,000			2,373	1,504	109	760		2,660	2,370	290	26,475	22
1,932	953,581	737	169,585	149	21,984	306,147	10,435	21,942	270,770	3,000	1,889,344	1,811,738	77,606	4,036,113	23

furs, dressed, 1; gas, illuminating and heating, 1; hand stamps, 1; hardware, 2; ice, manufactured, 1; ironwork, architectural and ornamental, 1; liquors, malt, 1; lock and gun smithing, 1; lumber, planing mill products, including sash, doors, and blinds, 1; marble and stone work, 2; masonry, brick and stone, 1; mattresses and spring beds, 1; mineral and soda waters, 1; models and patterns, 1; monuments and tombstones, 2; musical instruments, pianos and materials, 1; paints, 1; pickles, preserves, and sauces, 1; plated and britannia ware, 1; soap and candles, 1; tools, not elsewhere specified, 2; typewriters and supplies, 1; wool scouring, 1.

BLOOMINGTON.

1,761	$921,990	242	$48,868	27	$3,878	$202,807	$36,983	$15,393	$117,326	$33,105	$2,008,907	$1,958,324	$50,583	$3,845,768	1
2	676					562	385	10	167		3,135	3,115	20	6,775	2
24	11,125			1	100	1,765	1,186	163	416		8,521	7,966	555	38,236	3
3	1,042					799	687	34	78		3,870	3,725	145	11,395	4
103	44,100					20,284	1,695	384	18,205		16,165	1,525	14,640	122,400	5
67	41,834					32,970	832	221	1,779	30,138	87,860	87,103	757	185,822	6
16	8,350					1,455	800	415	240		6,260	5,960	300	18,040	7
54	24,524	19	4,476	1	94	6,131	3,394	170	2,567		34,855	34,220	635	92,479	8
4	2,054	1	520			1,763	780	65	718	200	1,276	932	344	9,000	9
17	10,907					3,903	471	594	2,838		187,687	185,442	2,245	216,994	10
168	77,390					5,207	1,580	1,247	2,380		79,118	75,463	3,655	261,780	11
80	36,694			1	120	9,238	1,380	961	6,897		51,673	49,825	1,848	127,020	12
		31	10,689			3,426	1,415	317	1,694		63,428	63,200	228	100,637	13
13	5,753					5,060	360	282	4,418		26,037	25,872	165	48,310	14
31	15,106					3,676	1,582	126	1,968		25,959	25,785	174	62,105	15
11	6,185	2	676			3,584	1,940	53	1,141	450	8,226	8,015	211	30,900	16
51	29,948			1	182	3,741	1,992	214	1,535		93,867	93,675	192	140,760	17
69	34,164	38	8,266	15	2,400	5,744	2,576	431	2,655	82	61,946	60,713	1,233	147,383	18
64	28,598			4	374	15,016	985	309	11,487	2,235	13,573	12,339	1,234	109,576	19
34	13,689			2	350	2,906	1,990	360	556		29,418	28,998	420	57,318	20
23	14,504					2,536	1,643	128	765		28,529	28,151	378	59,523	21
51	27,136	6	900			11,051	1,618	73	9,360		18,891	18,891		81,235	22
13	6,660			1	78	1,495	1,112	70	313		2,695	2,675	20	17,150	23
863	481,551	145	23,341	1	180	60,495	6,580	8,766	45,149		1,155,918	1,134,734	21,184	1,900,930	24

mattresses and spring beds, 1; mineral and soda waters, 2; musical instruments, pianos and materials, 1; patent medicines and compounds, 1; photographic materials, 1; roofing and roofing materials, 1; trunks and valises, 1; vinegar and cider, 1.

TABLE 8.—MANUFACTURES IN CITIES

CHICAGO.

	Manufacturing and mechanical industries.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
1	All industries	19,203	$534,000,689	$54,226,853	$71,586,976	$142,136,393	$266,050,467	19,872	35,003	$34,374,733	262,621	$131,065,337
2	Agricultural implements	6	36,025,355	1,305,969	2,793,066	1,139,288	30,787,032	4	3,509	2,483,894	10,245	5,180,958
3	Artificial feathers and flowers	7	16,895	1,000	2,500	4,510	8,885	9	8	2,640	22	8,015
4	Artificial limbs	6	23,050			2,950	20,100	4	14	9,738	20	11,810
5	Artists' materials	7	33,793			14,893	18,900	6	11	9,406	30	14,142
6	Awnings, tents, and sails	34	670,463	131,053	43,700	47,208	448,502	38	68	55,633	472	217,390
7	Babbitt metal and solder	8	551,586	52,980	46,871	101,594	350,141	2	39	56,617	132	66,493
8	Bags, other than paper	4	93,500			17,500	76,000	4	17	11,350	106	36,286
9	Bags, paper	4	41,653			21,053	20,600	7	13	13,000	43	18,355
10	Baking and yeast powders	14	1,162,503	65,800	171,200	156,665	768,838	7	154	229,252	442	153,183
11	Baskets, and rattan and willow ware	9	148,947	15,775	43,325	39,305	50,542	9	9	7,600	202	86,137
12	Belting and hose, leather	8	639,843	500	500	63,086	575,757	2	93	71,482	231	108,158
13	Bicycle and tricycle repairing	309	193,523	16,300	11,975	72,683	92,565	348	12	6,079	222	114,368
14	Bicycles and tricycles	50	7,229,024	469,407	534,880	1,875,291	4,349,446	27	581	473,663	4,024	1,947,480
15	Billiard tables and materials	5	14,055	5,500	3,375	2,500	2,680	5			8	2,428
16	Blacking	12	90,858	2,500	4,400	8,175	75,778	14	26	22,324	81	24,384
17	Blacksmithing and wheelwrighting	831	1,068,312	359,730	278,130	164,219	266,233	964	19	16,548	1,095	756,015
18	Bluing	5	8,345	1,000	2,000	1,265	4,080	5	2	600	9	3,231
19	Bookbinding and blank book making	74	638,787	8,550	26,750	285,274	318,213	76	92	89,679	1,149	465,065
20	Boot and shoe cut stock	4	164,705	4,000	16,000	37,505	107,200	4	16	22,966	324	121,632
21	Boot and shoe uppers	3	1,600			900	700	2	2	600	4	2,793
22	Boots and shoes, custom work and repairing.	1,079	233,938	31,465	36,605	76,657	89,211	1,034	17	13,227	451	205,864
23	Boots and shoes, factory product	38	1,622,102	24,600	28,025	398,295	1,171,182	45	184	215,431	2,664	1,306,988
24	Bottling	29	108,098	22,600	14,100	8,850	62,548	36	25	25,263	64	26,917
25	Boxes, cigar	9	153,432	6,200	9,802	39,334	98,096	7	28	25,549	292	94,002
26	Boxes, fancy and paper	38	1,455,227	24,124	58,446	469,229	903,428	25	159	158,187	2,381	770,810
27	Boxes, wooden packing	25	2,321,743	890,386	249,115	506,013	1,176,229	20	87	95,840	2,189	911,298
28	Brass	3	165,590	800	600	40,150	124,040	3	10	19,600	31	21,775
29	Brass castings and brass finishing	20	506,741	28,000	11,600	131,288	335,853	23	51	60,009	430	226,466
30	Brassware	18	226,048	10,000	22,000	105,013	89,035	12	26	24,775	234	116,032
31	Bread and other bakery products	710	5,940,310	734,100	1,201,028	2,647,743	1,357,439	746	838	631,077	4,423	2,051,371
32	Brick and tile	22	923,282	490,000	127,350	185,350	120,582	34	18	23,344	389	186,643
33	Bridges	9	1,755,472	65,832	154,303	594,934	940,403	6	51	96,588	1,536	808,089
34	Bronze castings	3	45,401			11,038	34,363		10	9,860	93	57,117
35	Brooms and brushes	67	290,925	27,800	31,450	24,943	206,732	71	27	28,571	408	198,800
36	Buttons	7	21,800			7,750	14,050	8	8	1,457	59	23,736
37	Calcium lights	3	14,800			2,300	12,500	1	4	3,992	7	4,356
38	Carpentering	1,089	2,478,466	295,962	323,105	277,310	1,582,089	1,207	176	203,920	5,027	2,988,218
39	Carpets, rag	52	58,930	11,750	14,800	16,795	15,585	61	10	7,490	213	89,842
40	Carpets, wood	5	99,145	12,500	3,000	10,800	72,845	7	8	6,426	127	72,708
41	Carriage and wagon materials	4	10,600	3,000	2,000	1,900	3,700	5			15	5,685
42	Carriages and sleds, children's	7	218,485	28,500	61,000	17,185	111,800	4	15	13,141	253	103,169
43	Carriages and wagons	124	4,087,245	781,238	584,994	362,658	2,358,355	149	128	137,783	1,868	1,048,297
44	Cars and general shop construction and repairs by steam railroad companies.	24	6,779,327	1,477,016	1,966,960	811,997	2,523,354		307	301,194	6,787	3,707,552
45	Cars and general shop construction and repairs by street railroad companies.	9	704,668	247,270	288,100	105,281	64,017		24	24,851	866	497,114
46	Cars, steam railroad, not including operations of railroad companies.	13	14,481,875	688,901	1,955,213	2,812,136	9,025,625		211	239,836	7,589	4,473,952
47	Cheese and butter, urban dairy products	5	614			414	200	5			1	390
48	Chemicals	13	1,490,749	396,384	174,000	521,552	398,813	9	51	63,124	397	223,015
49	China decorating	7	8,935			6,100	2,835	7			18	9,602
50	Cleansing and polishing preparations	24	50,900	4,050	3,400	9,880	33,570	22	19	23,289	36	17,339
51	Clocks	6	77,712		8,000	21,446	48,266	6	17	10,772	54	26,926
52	Cloth, sponging and refinishing	5	13,450			6,000	7,450	4	6	6,932	54	28,946
53	Clothing, men's, custom work and repairing.	1,604	4,441,546	268,755	246,470	255,852	3,670,469	1,744	789	584,853	6,327	3,416,102
54	Clothing, men's, factory product	874	12,991,669	347,135	509,075	885,274	11,750,185	1,033	1,601	1,737,606	13,855	5,551,561
55	Clothing, men's, factory product, buttonholes.	17	14,515	4,275	6,800	2,955	485	16			44	15,092
56	Clothing, women's, dressmaking	1,746	989,696	92,977	95,203	170,826	630,690	1,832	93	87,394	4,785	1,659,044
57	Clothing, women's, factory product	151	2,792,658	20,000	25,100	199,791	2,547,767	197	523	575,406	3,988	1,399,512
58	Coffee and spice, roasting and grinding.	25	5,195,803	220,000	190,000	316,631	4,469,172	19	533	562,976	922	369,337
59	Coffins, burial cases, and undertakers' goods.	8	472,550	63,000	117,000	31,050	261,500	9	58	61,392	386	206,765
60	Confectionery	76	2,270,790	157,832	132,900	643,625	1,336,433	80	442	351,093	2,885	868,513
61	Cooperage	54	1,203,006	270,975	180,255	183,137	568,639	64	44	50,304	1,293	535,484
62	Cordials and sirups	3	214,055	20,000	20,000	11,661	162,394	2	22	27,455	67	22,229
63	Cork, cutting	5	72,049			8,599	63,450	3	13	17,700	114	38,378
64	Corsets	15	171,802	3,450	4,600	17,565	146,187	17	24	20,030	329	83,413
65	Dentists' materials	9	148,129	500	400	36,300	110,929	9	8	8,862	106	39,517
66	Druggists' preparations, not including prescriptions.	11	375,600	13,000	16,500	49,845	296,255	8	115	94,603	206	66,515

BY SPECIFIED INDUSTRIES: 1900—Continued.

CHICAGO.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
210,687	$116,525,569	44,961	$13,218,194	6,978	$1,821,574	$80,414,823	$7,394,488	$2,322,950	$55,222,254	$15,475,131	$538,401,562	$527,421,626	$10,979,936	$888,945,311	1
10,065	5,143,633	84	26,165	96	11,160	3,846,753	460	90,283	3,756,010	------	10,842,299	10,465,057	377,242	24,848,649	2
6	2,760	16	5,255	------	------	4,107	1,984	56	2,067	------	23,826	23,624	202	51,320	3
20	11,810	------	------	------	------	13,452	2,940	34	10,478	------	9,754	9,616	138	70,987	4
24	12,380	3	1,162	3	600	7,848	3,260	51	4,537	------	35,011	33,250	1,761	98,413	5
241	150,347	230	66,903	1	140	50,407	16,235	2,122	32,050	------	835,001	827,300	7,701	1,301,455	6
132	66,493	------	------	------	------	28,619	3,734	3,428	21,457	------	1,200,460	1,186,416	14,044	1,440,657	7
44	20,540	58	14,996	4	750	10,895	7,060	715	3,120	------	369,125	368,310	815	547,190	8
19	12,920	23	5,135	1	300	4,118	2,624	152	1,342	------	78,025	77,205	820	132,623	9
184	90,139	251	62,108	7	936	573,087	12,901	5,421	554,765	------	1,283,787	1,273,381	10,406	3,335,827	10
163	78,329	22	4,952	17	2,856	8,782	1,015	988	6,779	------	58,750	58,438	312	197,362	11
216	104,958	5	1,500	10	1,700	83,901	15,900	2,505	65,496	------	892,835	883,832	9,003	1,360,788	12
215	113,100	------	------	7	1,268	58,915	51,286	552	5,064	2,013	276,118	269,201	6,917	722,294	13
3,827	1,902,574	65	18,895	132	26,011	585,959	90,457	21,368	458,234	15,900	4,440,436	4,338,671	101,765	8,172,998	14
5	1,756	3	672	------	------	854	432	59	363	------	4,635	4,290	345	14,650	15
23	11,396	49	11,168	9	1,820	48,306	5,212	211	42,883	------	138,380	137,325	1,055	313,781	16
1,090	755,194	------	------	5	821	176,312	145,286	8,145	20,199	2,682	718,556	680,444	38,112	2,652,072	17
8	2,891	1	340	------	------	1,020	594	52	374	------	4,883	4,515	368	13,800	18
558	294,238	548	162,251	43	8,576	109,160	52,767	2,876	33,617	19,900	617,719	606,081	11,638	1,517,229	19
218	92,872	90	26,848	16	1,912	24,816	6,340	1,196	17,280	------	795,538	793,268	2,270	1,082,552	20
3	2,373	1	420	------	------	391	331	------	60	------	2,870	2,795	75	8,085	21
442	203,821	2	1,178	7	865	127,076	110,593	995	14,193	1,295	316,041	302,644	13,397	1,206,196	22
1,594	916,383	950	370,147	120	20,458	214,151	49,230	7,222	154,749	2,950	3,623,644	3,603,485	20,159	5,723,126	23
47	23,559	16	3,208	1	150	15,609	5,074	773	9,762	------	205,675	201,506	4,169	320,213	24
108	46,404	148	41,514	36	6,084	19,383	9,090	1,135	9,158	------	204,151	201,323	2,828	398,635	25
712	360,135	1,497	384,223	172	26,452	144,284	79,502	4,832	59,950	------	1,427,280	1,406,382	20,898	2,923,299	26
2,022	869,111	1	300	166	41,887	144,871	43,082	12,300	89,489	------	2,517,870	2,508,137	9,733	4,005,301	27
31	21,775	------	------	------	------	18,302	3,300	123	14,879	------	578,663	573,483	5,180	675,045	28
422	223,466	8	3,000	------	------	49,106	16,198	1,957	30,951	------	814,102	795,578	18,524	1,311,943	29
225	113,788	6	1,662	3	582	24,244	9,310	920	12,514	1,500	148,561	143,634	4,927	410,804	30
3,189	1,758,846	983	253,069	251	39,456	1,250,047	234,914	31,999	981,326	1,808	6,560,290	6,349,277	211,013	12,763,272	31
380	185,556	------	------	9	1,087	22,937	3,550	3,619	15,768	------	77,162	10,683	66,479	433,956	32
1,520	805,170	------	------	16	2,919	99,656	700	6,483	89,073	3,400	2,042,501	1,995,076	47,425	3,642,571	33
93	57,117	------	------	------	------	6,189	2,800	189	3,200	------	146,286	142,299	3,987	305,250	34
282	160,736	112	35,778	14	2,286	28,415	8,978	1,594	11,443	6,400	422,183	419,525	2,658	864,866	35
37	18,252	13	4,022	9	1,462	9,407	2,610	24	6,773	------	29,595	29,184	411	82,040	36
7	4,356	------	------	------	------	3,638	1,540	73	1,525	500	9,157	8,857	300	33,500	37
5,018	2,986,158	2	520	7	1,540	1,566,117	94,298	10,809	134,477	1,326,533	6,093,323	6,073,925	19,398	13,180,433	38
170	80,256	34	8,291	9	1,295	14,633	9,346	304	4,983	------	27,655	25,261	2,394	203,660	39
126	72,500	------	------	1	208	15,303	1,244	430	13,629	------	111,962	110,762	1,200	248,451	40
12	4,935	3	750	------	------	1,110	690	72	348	------	14,365	14,250	115	31,200	41
230	98,100	21	4,719	2	350	36,810	1,222	1,452	34,136	------	183,024	181,138	1,886	406,933	42
1,850	1,041,810	9	3,736	9	2,751	260,475	80,254	19,935	154,671	5,615	1,653,252	1,618,338	34,914	3,818,612	43
6,752	3,695,087	33	11,933	2	532	146,527	4,300	44,975	97,252	------	4,030,158	3,926,848	103,310	8,185,431	44
862	495,914	4	1,200	------	------	27,024	1,500	16,534	8,990	------	517,438	507,162	10,276	1,076,440	45
7,453	4,440,420	50	15,041	86	18,491	367,638	3,921	34,568	325,515	3,634	13,096,980	12,878,998	217,982	19,108,085	46
1	390	------	------	------	------	132	132	------	------	------	6,480	6,402	78	8,514	47
336	208,532	43	11,390	18	3,093	62,794	8,886	5,329	48,579	------	746,291	712,358	33,933	1,381,570	48
12	7,866	6	1,736	------	------	2,645	2,112	31	502	------	3,721	3,019	702	25,567	49
29	15,194	3	751	4	1,394	20,567	6,901	194	13,472	------	51,130	49,930	1,200	175,237	50
53	26,826	------	------	1	100	14,304	4,461	416	6,299	8,128	40,293	39,692	601	111,429	51
49	28,114	------	------	5	832	7,125	5,520	35	1,570	------	1,777	1,337	440	55,443	52
4,707	2,923,444	1,491	470,392	129	22,266	2,469,897	584,632	20,322	519,676	1,345,267	6,164,943	6,115,432	49,511	16,466,987	53
4,957	2,940,844	8,128	2,487,744	770	122,973	6,983,788	445,082	59,360	1,449,026	5,030,320	17,547,665	17,449,271	98,394	36,094,310	54
29	11,962	9	2,153	6	977	2,105	1,377	112	616	------	4,097	3,733	364	32,489	55
442	329,275	4,296	1,322,946	47	6,823	377,962	306,235	4,260	60,585	6,882	1,667,926	1,633,413	34,513	5,499,786	56
882	579,434	3,060	813,625	46	6,453	1,113,102	162,321	11,967	316,746	622,068	4,685,297	4,666,092	19,205	9,208,454	57
653	306,466	265	62,025	4	846	681,917	71,229	21,734	519,875	69,079	9,937,455	9,884,401	53,054	12,612,424	58
318	185,585	68	21,180	------	------	31,554	11,622	6,433	13,499	------	610,168	604,888	5,280	1,005,150	59
1,337	551,303	1,242	276,767	306	40,443	639,374	141,336	8,232	488,810	996	3,892,008	3,829,272	62,736	6,711,021	60
1,251	530,412	1	500	41	4,572	58,925	11,110	6,985	40,830	------	1,822,218	1,804,467	17,751	2,838,671	61
35	15,109	32	7,120	------	------	18,495	4,723	629	13,143	------	405,437	404,266	1,171	491,269	62
50	25,296	32	7,990	32	5,092	12,001	6,620	765	4,616	------	109,678	108,463	1,215	207,465	63
14	7,300	315	76,113	------	------	71,319	8,566	286	61,947	520	161,159	159,400	1,759	394,877	64
52	31,491	31	6,031	23	1,995	7,506	4,560	156	2,510	280	70,720	69,067	1,653	173,261	65
107	45,679	98	20,636	1	200	90,420	10,106	1,527	78,787	------	264,810	259,557	5,253	627,438	66

TABLE 8.—MANUFACTURES IN CITIES

CHICAGO—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
67	Dyeing and cleaning	126	$516,188	$121,650	$147,800	$102,954	$143,784	137	43	$35,388	614	$284,296
68	Dyeing and finishing textiles	3	42,094	3,500	17,000	14,000	7,594	2	6	4,900	52	18,600
69	Electrical apparatus and supplies	71	11,216,185	923,009	1,224,271	1,223,676	7,845,229	51	1,113	610,917	5,787	2,710,641
70	Electrical construction and repairs	62	512,455	30,166	49,800	36,570	395,919	76	51	58,554	559	289,781
71	Electroplating	33	80,402			52,222	28,180	39	20	20,453	314	138,996
72	Emery wheels	5	49,700			13,200	36,500	2	14	11,620	37	15,680
73	Enameling and enameled goods	13	12,230	150	100	4,100	7,880	17			44	22,291
74	Engraving and diesinking	42	70,184	500	1,000	43,370	25,314	50	6	4,380	92	52,282
75	Engraving, steel, including plate printing.	26	558,426		250,000	200,099	108,327	22	42	40,806	335	189,406
76	Engraving, wood	14	19,791			4,079	15,712	17	13	16,106	81	46,262
77	Envelopes	7	102,850			47,350	55,500	6	13	15,959	183	50,431
78	Fancy articles, not elsewhere specified	36	278,670	13,200	31,500	69,205	164,765	42	79	51,865	376	152,093
79	Fertilizers	3	1,619,180	200,000	210,000	78,010	1,131,170	1	52	74,960	329	169,650
80	Fish, canning and preserving	4	2,655	475	750	330	1,100	4			5	2,642
81	Flags and banners	8	18,325			2,300	16,025	2	9	9,065	29	7,950
82	Flavoring extracts	23	689,480	3,000	9,500	57,204	619,776	18	108	128,047	201	68,715
83	Flouring and grist mill products	14	1,472,100	308,700	264,200	170,600	728,600	9	45	56,545	239	133,299
84	Food preparations	45	1,451,985	81,400	336,050	382,167	652,368	44	102	86,896	553	248,092
85	Foundry and machine shop products	441	36,356,168	4,852,941	4,971,178	8,645,965	17,886,084	334	2,164	2,467,859	20,641	11,264,544
86	Fruits and vegetables, canning and preserving.	6	366,100			110,900	255,200	1	36	56,661	311	105,972
87	Fur goods	54	771,251	600	200	21,502	748,949	53	86	81,838	747	340,358
88	Furnishing goods, men's	30	985,709			43,748	941,961	40	148	130,379	1,744	531,484
89	Furniture, cabinetmaking, repairing, and upholstering.	289	498,797	42,155	61,930	58,231	336,481	318	43	44,914	787	419,562
90	Furniture, factory product	114	8,014,498	941,832	1,472,257	872,481	4,727,928	101	720	739,447	7,843	3,651,470
91	Furs, dressed	4	48,880	11,200	29,000	7,585	1,095	5	1	500	44	22,500
92	Gas and lamp fixtures	27	555,464			128,111	427,353	24	100	98,475	420	205,746
93	Gas, illuminating and heating	1	69,546,376	2,444,760	4,730,814	60,645,452	1,725,350		656	631,285	1,924	1,086,467
94	Gas machines and meters	4	49,633			8,800	40,833	2	5	3,390	30	22,470
95	Glass, cutting, staining, and ornamenting.	38	412,825	2,450	1,000	67,457	341,918	41	123	143,787	497	252,692
96	Gloves and mittens	22	624,389	25,700	64,250	82,357	452,082	20	79	75,407	1,559	605,826
97	Gold and silver, leaf and foil	5	41,300	6,200	9,200	8,750	17,150	5	2	884	94	43,656
98	Gold and silver, reducing and refining, not from the ore.	5	180,821	9,000	13,000	18,221	140,600	5	15	17,806	30	15,220
99	Grease and tallow	9	606,002	140,857	98,404	106,531	260,210	9	57	51,730	269	160,777
100	Hairwork	49	62,444	600	600	5,947	55,297	51	10	5,523	127	40,002
101	Hand knit goods	10	16,900			6,975	9,925	9			27	12,907
102	Hand stamps	19	119,850			73,247	46,603	14	23	20,234	123	59,653
103	Hardware	35	2,118,311	194,200	250,673	533,984	1,139,454	21	126	208,051	1,146	588,326
104	Hats and caps, not including fur hats and wool hats.	48	321,489	5,700	5,300	71,936	238,553	48	44	36,654	429	213,642
105	Hosiery and knit goods	9	303,611	500	30,500	75,400	197,211	4	22	25,800	553	134,719
106	House furnishing goods, not elsewhere specified.	11	884,720			57,596	327,124	7	56	59,862	188	76,454
107	Ink, printing	7	99,958	8,000	2,000	17,315	72,643	7	14	9,115	14	8,470
108	Ink, writing	5	87,280			4,475	32,805	3	12	13,868	22	9,534
109	Instruments, professional and scientific	29	255,345			71,904	183,441	34	45	36,514	255	146,775
110	Iron and steel	9	24,271,764	5,485,902	3,659,135	8,005,056	7,121,671		357	454,209	6,212	4,329,342
111	Iron and steel, doors and shutters	4	63,758			6,850	56,908		9	11,522	45	31,206
112	Iron and steel, forgings	9	1,223,904	184,127	106,445	444,897	488,435	6	46	59,648	637	379,333
113	Iron and steel, nails and spikes, cut and wrought, including wire nails.	8	318,300	36,000	29,000	78,000	175,300	1	21	20,900	128	66,900
114	Ironwork, architectural and ornamental.	76	3,696,958	678,180	560,400	819,579	1,638,799	70	191	229,349	2,511	1,460,792
115	Japanning	5	8,700			4,800	3,900	8	1	1,200	32	18,620
116	Jewelry	81	754,122			75,150	678,972	37	76	81,815	484	341,266
117	Jewelry and instrument cases	8	47,187	1,000	1,000	14,368	30,819	8	6	4,970	103	33,834
118	Kindling wood	3	12,050		600	1,325	10,125	4			28	11,762
119	Labels and tags	4	61,444			36,971	24,473	2	13	11,909	54	17,329
120	Lamps and reflectors	21	191,010			50,877	140,133	17	65	53,135	178	100,744
121	Lapidary work	4	56,200			7,200	49,000	4	2	1,616	20	11,962
122	Leather goods	24	411,531	5,800	6,300	68,614	330,817	28	62	65,645	664	231,090
123	Leather, tanned, curried, and finished	22	4,074,990	200,318	298,479	398,071	3,178,122	20	61	129,950	2,047	1,060,731
124	Lime and cement	7	447,530	160,000	57,400	120,337	109,793		32	36,498	166	49,929
125	Liquors, malt	37	25,524,841	5,684,255	6,670,741	5,104,450	8,065,395	9	389	812,296	2,272	1,507,577
126	Lithographing and engraving	23	810,555	13,015	15,010	331,875	450,655	17	79	104,867	627	890,344
127	Lock and gun smithing	102	72,680	22,200	8,250	18,570	23,660	113	5	3,784	73	35,534
128	Looking-glass and picture frames	95	1,387,912	55,231	140,000	287,003	905,678	98	360	312,915	2,218	833,057
129	Lumber, planing mill products, including sash, doors, and blinds.	103	3,927,750	697,455	693,625	826,509	1,710,161	108	272	285,162	3,477	1,757,960
130	Malt	9	16,621,529	4,495,140	7,438,480	1,452,500	3,235,409	8	41	102,799	349	273,171
131	Marble and stone work	89	2,132,683	885,420	236,446	535,928	474,889	100	123	153,362	1,713	862,260
132	Masonry, brick and stone	298	2,526,279	93,755	89,848	430,255	1,912,421	344	182	222,972	6,180	3,631,316
133	Mattresses and spring beds	49	528,187	98,575	72,050	64,540	293,022	56	71	59,784	596	284,203
134	Millinery and lace goods	26	515,521	14,700	15,200	84,321	401,300	27	148	135,386	1,517	396,003
135	Millinery, custom work	421	563,721	64,200	78,100	45,269	376,152	455	135	79,916	1,318	414,030
136	Mineral and soda waters	44	344,322	42,200	48,650	123,350	130,122	44	58	52,983	417	219,466

BY SPECIFIED INDUSTRIES: 1900—Continued.

CHICAGO—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
384	$205,488	214	$76,304	16	$2,504	$88,721	$46,060	$4,957	$30,704	$7,000	$112,546	$89,172	$23,374	$782,913	67
45	16,900	6	1,500	1	200	3,556	900	186	2,470	------	24,775	20,245	4,530	63,625	68
4,536	2,359,478	1,154	333,775	97	17,388	1,545,390	72,334	54,057	1,374,318	44,681	4,283,265	4,163,789	119,476	11,357,986	69
555	288,731	2	600	2	450	135,391	16,935	1,547	50,221	66,688	617,030	613,677	3,353	1,423,608	70
282	182,584	4	1,538	28	4,924	24,464	17,448	415	5,201	1,400	55,487	48,956	6,531	317,929	71
37	15,680	------	------	------	------	6,275	2,170	260	2,345	1,500	27,970	27,165	805	78,200	72
43	22,091	------	------	1	200	3,735	3,250	10	475	------	8,588	6,844	1,744	50,279	73
82	50,882	------	------	10	1,400	14,777	10,454	115	2,258	1,950	21,318	20,187	1,131	162,925	74
192	145,600	122	39,420	21	4,386	40,926	17,993	5,405	16,555	973	90,338	86,769	3,569	503,264	75
72	44,252	------	------	9	2,010	5,619	4,008	50	1,276	285	15,029	14,977	52	110,374	76
40	18,743	120	27,696	23	3,992	11,072	6,760	519	3,793	------	126,920	125,000	1,920	220,347	77
194	106,746	123	34,392	59	10,955	85,961	13,154	997	60,074	11,736	365,039	361,644	3,395	788,119	78
279	151,650	50	18,000	------	------	84,727	10	2,793	81,924	------	998,381	950,531	47,850	1,842,500	79
5	2,642	------	------	------	------	526	110	13	403	------	3,195	2,950	245	8,900	80
4	1,800	24	6,000	1	150	3,265	1,510	5	1,500	250	19,265	19,000	265	47,100	81
86	40,693	105	26,176	10	1,846	93,617	21,380	2,542	67,695	2,000	601,242	594,681	6,561	1,104,163	82
236	132,479	1	300	2	520	103,721	12,410	5,560	85,751	------	4,032,383	3,997,054	35,329	4,515,480	83
419	221,354	116	24,175	18	2,563	203,960	24,084	9,004	170,872	------	2,080,089	2,055,032	25,057	3,022,585	84
20,008	11,094,134	349	108,195	284	62,215	3,579,406	429,201	166,678	2,631,525	352,002	20,070,516	19,350,925	719,591	44,561,071	85
126	63,369	185	42,603	------	------	181,907	20,550	4,501	155,356	1,500	1,236,981	1,229,369	7,612	1,766,129	86
311	195,201	424	143,200	12	1,952	231,568	45,079	3,936	136,272	46,281	1,305,324	1,301,533	3,791	2,409,693	87
132	90,887	1,515	425,897	97	14,700	162,049	36,164	4,755	118,530	2,600	2,045,181	2,037,252	7,929	3,334,659	88
692	391,647	73	23,481	22	4,434	156,531	84,053	5,468	50,120	16,890	710,638	700,998	9,640	1,877,171	89
7,486	3,568,370	67	18,347	290	64,753	753,172	148,579	48,977	486,592	69,024	5,323,841	5,215,514	108,327	12,344,510	90
44	22,500	------	------	------	------	1,555	60	230	1,265	------	2,285	1,555	730	34,350	91
303	172,197	115	32,974	2	575	98,188	27,590	1,250	66,948	2,400	379,424	370,051	9,373	985,605	92
1,924	1,086,467	------	------	------	------	783,014	------	364,722	418,292	------	1,618,724	1,519,388	99,336	7,353,796	93
29	22,320	------	------	1	150	3,480	1,568	50	1,862	------	52,600	51,855	745	93,803	94
442	235,146	39	14,457	16	3,089	155,235	31,513	2,432	38,249	83,041	425,727	415,619	10,108	1,111,338	95
658	314,672	818	279,630	83	11,524	59,576	8,260	2,865	48,326	125	1,084,594	1,079,593	5,001	2,239,529	96
49	31,536	45	12,120	------	------	4,367	504	283	3,580	------	101,400	100,625	775	178,460	97
30	15,220	------	------	------	------	14,348	2,140	278	11,930	------	1,009,351	1,005,312	4,039	1,076,803	98
267	160,398	2	379	------	------	61,685	660	4,857	55,474	694	1,576,635	1,553,679	22,956	1,922,184	99
11	5,908	116	34,094	------	------	22,600	18,129	125	4,046	300	95,849	94,539	1,310	226,594	100
6	5,650	21	7,257	------	------	2,997	2,239	76	682	------	23,915	23,582	333	57,313	101
94	53,353	15	3,857	14	2,443	30,011	10,940	266	16,305	2,500	73,696	71,682	2,014	231,828	102
1,035	560,475	76	22,267	35	5,584	266,934	25,204	8,996	213,834	18,900	1,120,380	1,095,277	25,103	2,457,965	103
242	150,710	183	62,126	4	806	56,211	25,656	1,131	29,324	100	479,406	475,006	4,400	951,668	104
42	18,780	499	114,289	12	1,650	68,742	8,132	949	59,661	------	294,640	290,320	4,320	589,863	105
136	62,965	29	8,675	23	4,814	80,897	17,144	1,178	62,575	------	536,693	529,753	6,940	811,339	106
14	8,470	------	------	------	------	11,220	2,802	345	8,073	------	59,173	56,367	2,806	96,400	107
15	7,684	7	1,850	------	------	11,476	1,476	120	9,880	------	41,564	41,258	306	86,365	108
236	140,890	8	3,678	11	2,207	90,763	15,415	724	73,824	800	162,860	158,064	4,796	579,471	109
6,154	4,315,801	36	8,861	22	4,680	1,927,396	3,000	72,290	1,852,106	------	22,448,511	17,706,916	4,741,595	31,620,174	110
45	31,206	------	------	------	------	14,804	1,760	100	6,614	6,330	50,648	49,958	690	132,796	111
625	377,037	9	1,872	3	424	64,003	4,020	5,209	52,647	2,127	889,143	855,875	33,268	1,899,430	112
78	51,900	50	15,000	------	------	9,707	100	1,432	8,175	------	213,235	209,385	3,850	406,300	113
2,509	1,460,200	1	332	1	260	304,612	30,955	16,398	199,669	57,590	4,301,113	4,198,836	102,277	7,439,516	114
42	18,620	------	------	------	------	3,834	3,330	53	451	------	3,925	2,405	1,520	47,775	115
443	330,754	29	8,268	12	2,244	57,386	28,817	3,966	22,903	1,700	801,638	793,895	7,743	1,601,308	116
38	18,996	63	14,388	2	450	5,524	2,667	119	2,738	------	56,919	55,954	965	142,089	117
27	11,572	------	------	1	190	749	510	15	224	------	17,316	17,146	170	34,800	118
20	12,196	33	4,997	1	136	5,332	2,895	78	2,359	------	22,667	21,962	705	89,471	119
174	99,688	1	400	3	656	72,963	13,151	1,029	29,933	28,850	273,991	271,351	2,640	643,938	120
18	11,628	------	------	2	334	4,150	2,120	350	880	800	98,990	98,395	595	149,372	121
417	169,918	226	57,282	21	3,890	57,124	20,253	1,491	35,380	------	649,037	643,489	5,548	1,184,483	122
2,039	1,058,906	------	------	8	1,825	136,082	21,090	21,531	93,461	------	5,141,618	5,071,872	69,746	6,979,289	123
164	49,613	2	316	------	------	47,428	2,940	5,884	38,604	------	161,531	133,395	28,136	361,209	124
2,229	1,499,371	43	8,206	------	------	7,855,163	1,260	141,988	7,711,915	------	2,959,052	2,695,033	264,019	14,956,865	125
557	375,013	46	10,996	24	4,335	99,436	40,101	3,558	48,697	7,080	661,577	650,988	10,589	1,403,526	126
67	34,428	3	650	3	456	25,161	20,995	661	3,155	350	43,406	40,463	2,943	189,429	127
1,849	753,487	209	56,340	160	23,230	243,236	88,583	5,281	144,689	4,683	1,581,288	1,562,033	19,255	3,560,242	128
3,346	1,737,140	2	400	129	20,420	418,585	74,321	29,841	231,016	83,407	4,041,924	3,993,010	48,914	7,530,387	129
349	273,171	------	------	------	------	193,926	4,800	27,151	161,975	------	3,678,757	3,550,085	128,672	4,704,636	130
1,713	862,260	------	------	------	------	151,334	33,727	13,736	83,141	20,730	704,383	651,191	53,192	2,344,671	131
6,171	3,627,696	9	3,620	------	------	3,095,315	35,410	9,850	175,403	2,874,652	7,267,087	7,208,531	58,556	15,954,527	132
496	255,697	82	25,656	18	2,850	166,998	25,284	3,197	138,517	------	704,802	696,709	8,093	1,488,027	133
98	57,050	1,404	335,553	15	3,400	157,164	49,590	4,218	103,056	300	1,041,558	1,037,188	4,370	2,103,124	134
22	28,158	1,285	384,556	11	1,316	208,862	140,621	3,186	64,560	495	1,074,487	1,064,940	9,547	2,502,331	135
411	216,754	5	2,300	1	412	61,855	23,814	6,116	31,925	------	260,859	251,210	9,649	774,719	136

TABLE 8.—MANUFACTURES IN CITIES

CHICAGO—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
137	Mirrors	7	$138,408	$1,500	$1,200	$19,865	$115,843	2	27	$25,554	170	$85,944
138	Models and patterns	49	227,995	50,000	10,000	63,085	104,910	58	8	7,310	238	142,239
139	Monuments and tombstones	18	172,455	26,700	16,570	16,075	113,110	23	11	9,834	75	54,373
140	Mucilage and paste	7	157,100	4,000	7,000	21,600	124,500	3	36	39,730	79	26,407
141	Musical instruments and materials, not specified.	26	346,561	5,600	6,200	68,520	266,241	22	24	20,267	425	213,867
142	Musical instruments, organs and materials.	9	601,824	16,000	41,724	66,555	477,545	8	38	42,760	684	274,881
143	Musical instruments, pianos and materials.	21	9,138,083	549,262	947,130	439,412	7,202,279	13	299	382,291	3,373	1,758,781
144	Nets and seines	3	148,500			106,200	42,300	1	10	18,500	87	24,636
145	Oil, linseed	9	4,184,433	933,214	525,619	758,512	1,967,088	2	58	84,866	279	150,439
146	Oil, not elsewhere specified	13	180,416	6,000	9,650	12,981	151,785	10	35	37,650	42	24,930
147	Oleomargarine	5	1,125,835	40,674	165,686	146,236	773,239	1	120	110,784	524	271,853
148	Optical goods	13	110,036			25,349	84,687	16	16	10,802	147	68,536
149	Painting, house, sign, etc	1,054	1,607,266	193,915	238,480	339,980	834,891	1,188	176	150,101	3,484	2,243,392
150	Paints	27	3,075,908	192,619	183,474	403,747	2,296,068	5	332	447,382	679	337,165
151	Paper goods, not elsewhere specified	10	82,575	300	300	25,050	56,925	10	27	25,352	162	53,974
152	Paper hanging	57	111,406	3,600	4,550	18,926	84,330	66	22	20,120	275	187,847
153	Paper hangings	3	222,432	7,200	18,000	53,874	143,358		38	32,376	146	83,848
154	Paper patterns	3	3,502			302	3,200	2	1	900	8	3,130
155	Patent medicines and compounds	168	2,225,562	175,500	137,500	161,686	1,750,876	135	537	488,758	783	321,124
156	Paving and paving materials	69	934,218	70,225	87,425	251,953	524,615	67	109	140,226	2,110	821,771
157	Perfumery and cosmetics	25	220,207			20,580	199,627	25	82	57,108	140	60,188
158	Photographic apparatus	7	21,150		1,800	6,450	12,900	8	12	7,430	19	12,173
159	Photographic materials	11	147,527			44,205	103,322	13	29	17,900	134	58,324
160	Photography	256	655,904	61,200	77,540	197,049	320,115	276	206	133,947	694	376,539
161	Photolithographing and photoengraving.	20	359,026			161,258	197,768	8	165	171,054	661	449,000
162	Pickles, preserves, and sauces	39	767,905	95,505	92,900	84,645	494,855	48	204	94,191	598	213,338
163	Pipes, tobacco	5	10,075			2,675	7,400	6	4	4,120	9	6,078
164	Plastering and stuccowork	130	395,328	38,700	75,125	82,327	199,176	153	31	44,960	1,009	589,955
165	Plumbers' supplies	11	2,768,203	255,000	403,478	886,254	1,223,471	4	121	138,083	1,356	746,336
166	Plumbing, and gas and steam fitting	777	1,736,853	212,070	257,522	222,469	1,044,792	868	217	182,605	2,714	2,099,333
167	Pottery, terra cotta, and fire-clay products.	9	708,073	99,800	206,270	174,209	227,794	8	19	49,235	334	176,920
168	Printing and publishing, book and job	594	12,540,430	52,875	849,816	4,654,114	6,983,625	573	1,816	1,750,818	9,531	4,674,796
169	Printing and publishing, music	22	247,145	1,000	2,000	63,900	180,245	18	54	33,529	53	26,857
170	Printing and publishing, newspapers and periodicals.	854	7,540,588	717,991	1,100,247	2,167,942	3,554,408	240	2,399	2,013,331	3,722	2,215,534
171	Printing materials	7	36,650			19,950	16,700	3	16	16,642	31	21,322
172	Refrigerators	5	99,653	8,000	30,000	15,653	46,000	6	15	15,100	107	51,217
173	Regalia and society banners and emblems.	7	53,600	1,000	500	8,470	43,630	5	16	13,350	95	40,775
174	Roofing and roofing materials	91	964,326	149,950	82,800	245,516	486,060	93	120	119,335	752	415,315
175	Rubber and elastic goods	15	1,126,777			247,424	879,353	17	264	200,918	830	389,679
176	Saddlery and harness	209	969,930	126,900	153,560	74,318	615,152	214	67	61,423	737	374,146
177	Sausage	14	176,083	27,000	67,266	32,070	49,747	19	10	7,316	133	72,142
178	Saws	8	231,000	46,500	48,500	59,000	77,000	5	21	19,500	147	76,500
179	Scales and balances	6	169,875	34,000	19,000	44,275	72,600	4	17	17,460	86	34,835
180	Sewing machine repairing	22	8,850			3,795	5,055	16	4	2,681	18	9,740
181	Sewing machines and attachments	8	592,402	10,000	20,000	27,310	535,092	3	33	60,531	209	138,556
182	Ship and boat building, wooden	7	284,072	125,000	52,000	12,720	94,352	9	9	13,010	160	86,469
183	Shirts	49	564,098			75,824	488,274	59	120	96,838	1,228	422,866
184	Show cases	14	114,910	19,000	21,000	10,260	64,650	17	9	9,272	135	91,828
185	Silk and silk goods	4	259,540	15,000	25,000	95,959	123,581	1	33	51,180	412	121,644
186	Slaughtering and meat packing, wholesale.	28	66,766,468	3,209,755	9,649,654	6,212,688	47,694,371	23	3,972	4,195,142	25,141	12,745,756
187	Slaughtering, wholesale, not including meat packing.	10	371,101	29,000	95,000	59,230	187,871	9	38	38,852	204	129,920
188	Smelting and refining, not from the ore	5	48,900	500	6,100	5,300	37,000	5	4	5,450	28	20,776
189	Soap and candles	27	6,306,956	1,035,271	913,963	1,325,514	3,032,208	24	364	425,700	1,484	531,576
190	Soda water apparatus	4	226,795			49,000	177,795		38	37,778	128	79,545
191	Sporting goods	8	135,502	36,500	22,714	11,238	65,050	6	16	10,365	106	43,225
192	Springs, steel, car and carriage	3	132,509			34,895	97,614	1	20	20,246	216	103,169
193	Stamped ware	10	114,760	13,000	13,900	55,900	31,960	13	16	13,010	103	41,912
194	Stationery goods, not elsewhere specified.	15	407,033			72,608	334,425	5	46	55,791	278	87,134
195	Steam fittings and heating apparatus	26	379,588	14,000	26,700	77,097	261,791	19	56	69,573	333	213,835
196	Steam packing	7	64,750			15,050	49,700	4	26	20,856	83	39,798
197	Stencils and brands	5	128,360			39,610	88,750	6	14	9,600	105	53,420
198	Stereotyping and electrotyping	15	343,669			185,996	157,673	9	51	68,148	455	298,660
199	Sugar and molasses, refining	8	408,262	5,000	14,000	45,675	343,587	8	35	26,700	145	76,044
200	Surgical appliances	18	207,187	2,450	3,700	67,787	133,250	13	61	94,242	163	71,743
201	Taxidermy	7	3,990			490	3,500	8			1	600
202	Tinsmithing, coppersmithing, and sheet-iron working.	437	4,498,471	487,675	510,639	1,278,973	2,221,184	489	228	263,159	3,893	1,890,260
203	Tobacco, chewing, smoking, and snuff	24	839,900	20,300	37,100	104,904	677,596	22	77	120,828	631	205,394
204	Tobacco, cigars and cigarettes	798	1,398,853	182,333	176,848	71,950	967,722	855	123	121,066	2,861	1,431,492
205	Tools, not elsewhere specified	24	518,180	52,350	37,350	104,465	324,015	22	31	12,550	175	86,768
206	Toys and games	12	63,445	6,000	12,800	12,695	31,950	12	29	9,832	86	29,093

BY SPECIFIED INDUSTRIES: 1900—Continued.

CHICAGO—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
155	$83,247			15	$2,697	$17,304	$7,650	$875	$8,779		$314,747	$311,447	$3,300	$519,978	137
217	136,660	16	$4,771	5	808	27,744	16,877	957	8,990	$920	64,971	59,796	5,175	841,788	138
75	54,373					17,583	3,678	774	5,131	8,000	173,121	171,585	1,536	305,045	139
46	20,419	33	5,988			24,729	5,829	1,342	17,558		183,163	180,853	2,310	304,214	140
409	211,686	2	325	14	1,906	38,793	16,886	1,612	20,445	350	165,770	160,406	5,364	507,293	141
634	264,481			50	10,400	143,491	22,230	4,304	66,032	50,925	436,950	426,552	10,398	999,061	142
3,065	1,681,696	86	23,931	222	53,154	750,211	22,505	50,709	673,542	3,455	2,292,735	2,250,812	41,923	5,802,718	143
11	7,800	72	16,836	4	500	12,995	3,780	310	8,905		125,402	124,462	940	186,303	144
273	148,692	5	1,513	1	234	140,227	5,817	15,251	118,276	883	6,063,868	6,016,945	46,923	6,935,051	145
41	24,680	1	250			19,731	9,932	934	8,865		321,857	320,003	1,854	498,992	146
488	260,505	34	11,048	2	300	1,382,770	11,120	4,440	1,367,210		3,346,113	3,321,410	24,703	5,837,853	147
103	53,528	39	14,308	5	700	21,576	7,506	594	12,726	750	90,357	88,634	2,223	257,347	148
3,442	2,233,123	26	6,908	16	3,366	256,217	148,526	8,265	81,011	18,415	1,508,211	1,496,209	12,002	5,783,699	149
606	313,353	72	23,512	1	300	406,471	40,340	21,190	344,941		4,330,154	4,275,283	54,871	5,905,742	150
43	20,120	103	31,412	16	2,442	14,335	9,198	426	4,411	300	83,769	82,026	1,743	234,300	151
275	187,847					19,110	9,095	151	2,814	7,050	96,063	95,509	554	434,252	152
134	81,104	2	504	10	2,240	46,052	7,134	998	37,920		270,528	265,227	5,301	531,663	153
3	1,340	5	1,790			1,792	1,180		612		1,261	1,236	25	10,600	154
321	167,442	445	150,654	17	3,028	1,483,046	61,856	8,323	1,396,626	16,241	1,228,863	1,214,138	14,725	4,651,888	155
2,109	821,491			1	280	154,242	21,846	4,357	71,889	56,150	1,877,054	1,847,144	29,910	3,595,663	156
57	34,253	81	25,452	2	483	158,798	14,785	1,113	138,100	4,800	251,074	249,272	1,802	642,171	157
19	12,173					26,268	4,140	33	16,795	5,300	40,241	39,801	440	127,618	158
97	49,174	22	6,772	15	2,378	66,277	8,680	1,344	10,053	46,200	115,571	113,379	2,192	366,835	159
495	299,254	173	72,817	26	4,468	182,524	103,880	3,517	68,826	6,301	499,830	488,356	11,474	1,771,048	160
636	436,231	19	11,036	6	1,733	146,853	34,651	1,857	90,245	20,100	155,453	143,436	12,017	1,060,789	161
294	142,201	281	67,554	23	3,583	66,016	25,110	5,377	34,529	1,000	1,083,140	1,069,711	13,429	1,769,581	162
9	6,078					1,814	1,200	61	553		16,189	15,799	390	36,898	163
1,003	587,969	3	1,286	3	700	43,364	11,010	2,123	21,551	8,680	480,871	455,616	25,255	1,528,891	164
1,257	715,105	50	19,356	49	11,875	139,490	21,244	10,234	108,012		867,612	820,426	47,186	2,150,411	165
2,695	2,096,095	4	760	15	2,478	341,733	170,871	9,518	89,582	71,762	3,373,674	3,341,500	32,174	7,781,034	166
329	175,945			5	975	38,739	1,199	3,353	34,187		67,356	32,064	35,292	400,077	167
7,247	3,987,875	2,086	647,460	198	39,461	2,947,234	482,160	49,764	932,031	1,483,279	4,955,114	4,786,785	168,329	18,536,364	168
33	19,835	13	5,210	7	1,812	106,706	9,668	790	33,181	63,067	44,859	43,995	864	282,297	169
3,385	2,064,085	309	146,718	28	4,731	3,065,033	272,853	47,260	1,677,352	1,067,568	2,987,455	2,895,712	91,743	13,995,081	170
81	21,322					23,921	6,556	110	17,255		43,616	43,264	352	149,400	171
107	51,217					5,028	2,026	682	2,320		73,407	69,732	3,675	174,200	172
31	16,072	62	24,375	2	328	9,697	4,476	299	2,422	2,500	60,082	58,245	1,837	143,187	173
750	414,915			2	400	123,577	21,820	5,398	85,239	11,120	1,036,617	1,021,019	15,598	2,007,255	174
537	319,227	226	55,457	67	14,995	306,109	40,748	9,738	255,323	300	1,915,123	1,895,237	19,886	3,585,765	175
668	357,397	35	11,418	34	5,331	71,992	43,310	6,078	22,404	200	1,104,638	1,096,989	7,649	1,921,407	176
131	71,842			2	300	15,730	3,536	1,933	10,261		497,853	490,892	6,961	747,802	177
147	76,500					15,939	5,857	2,487	7,595		129,531	124,937	4,594	355,025	178
83	34,260			3	575	20,820	2,790	1,414	16,616		67,069	65,805	1,264	252,215	179
16	9,440			2	300	5,614	4,626	16	822	150	11,234	10,790	444	39,271	180
188	133,393	5	1,416	16	3,747	64,225	15,170	1,104	46,951	1,000	1,168,023	1,164,449	3,574	1,590,469	181
160	86,469					8,396	3,292	2,472	2,580	52	55,114	53,943	1,171	187,083	182
166	98,644	1,051	322,410	11	1,812	116,669	32,021	2,728	44,884	37,036	928,137	920,710	7,427	1,879,919	183
135	91,828					16,848	7,632	720	8,496		156,292	153,962	2,330	338,225	184
81	43,475	310	73,919	21	4,250	42,410	7,950	1,974	19,720	12,766	187,514	184,484	3,030	421,088	185
23,205	12,198,142	1,421	407,081	515	140,533	13,783,108	51,912	260,284	13,470,912		211,606,743	210,979,179	627,564	248,811,997	186
204	129,920					46,717	9,012	2,606	35,099		6,634,588	6,623,880	10,708	7,715,952	187
28	20,776					6,715	4,386	469	1,860		202,157	197,407	4,750	277,864	188
1,009	393,565	278	116,145	197	21,866	701,614	8,699	27,460	663,955	1,500	5,793,392	5,684,528	108,864	9,064,989	189
128	79,545					31,085	10,150	1,020	19,915		166,588	163,438	3,150	400,129	190
82	34,925	24	8,300			9,528	1,232	521	7,775		86,629	85,586	1,043	206,000	191
213	102,419			3	750	34,276	9,400	324	24,552		210,225	201,447	8,778	408,677	192
83	37,648	14	3,190	6	1,074	9,301	4,325	817	4,159		73,637	71,037	2,600	169,744	193
95	46,892	131	31,288	52	8,954	152,215	20,404	1,358	86,203	44,250	193,452	189,404	4,048	684,958	194
327	212,847			6	988	49,698	14,895	2,206	27,641	4,956	470,868	466,821	4,047	1,018,068	195
82	39,478	1	320			25,818	4,774	884	5,660	15,000	78,155	74,085	4,070	231,093	196
105	53,420					7,370	5,965	400	1,005		54,131	52,813	1,318	220,100	197
433	294,288	1	500	21	3,872	89,271	28,366	1,089	54,093	5,723	93,969	89,690	4,279	673,262	198
107	63,313	38	12,731			55,422	17,256	3,462	14,717	19,987	1,116,494	1,107,477	9,017	1,345,761	199
80	45,301	80	25,818	3	624	59,814	11,365	1,381	46,418	650	158,088	154,679	3,409	441,563	200
1	600					952	883		69		2,281	2,159	122	8,775	201
3,110	1,652,055	391	137,527	392	100,678	464,828	107,436	18,916	321,176	17,300	5,061,480	4,979,092	82,388	8,867,995	202
155	82,753	404	110,791	72	11,850	1,503,558	19,465	5,181	1,478,912		1,036,759	1,027,552	9,207	3,054,540	203
2,263	1,260,375	543	162,962	55	8,155	670,330	96,394	6,072	563,914	3,950	1,843,531	1,829,001	14,530	5,119,602	204
147	81,468	21	4,320	7	980	15,141	4,302	1,850	8,989		86,224	82,716	3,508	278,090	205
54	20,482	31	8,496	1	115	20,157	1,862	253	12,042	6,000	35,851	35,217	634	139,756	206

TABLE 8.—MANUFACTURES IN CITIES

CHICAGO—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
207	Trunks and valises	19	$680,289	$63,000	$118,000	$51,688	$447,601	17	72	$83,772	759	$369,413
208	Type founding	3	528,150		500	251,150	276,500	1	70	73,980	412	224,740
209	Typewriter repairing	4	8,765			565	8,200	3	2	1,940	19	12,074
210	Typewriters and supplies	4	357,365			199,983	157,382	1	63	33,650	231	121,822
211	Upholstering materials	11	416,416	37,211	63,762	85,797	229,646	5	50	74,632	470	163,256
212	Varnish	19	2,344,728	297,178	348,279	180,996	1,518,275	10	171	242,157	187	124,688
213	Vinegar and cider	8	766,230	139,350	198,900	287,180	140,800	3	65	91,102	122	63,863
214	Washing machines and clothes wringers.	4	31,750			2,950	28,800	3	2	2,000	20	10,368
215	Watch, clock, and jewelry repairing	365	249,044	9,900	13,905	84,520	140,719	375	30	22,551	328	197,802
216	Whips	3	35,525	500	500	7,025	27,500	3	6	2,520	126	29,916
217	Window shades	22	1,105,077	3,000	44,497	122,906	934,674	17	68	69,622	254	120,967
218	Wirework, including wire rope and cable.	20	195,740	16,000	13,800	65,277	100,663	20	12	10,573	141	59,796
219	Wood, turned and carved	49	263,683	5,500	2,200	107,268	148,715	58	33	34,065	581	282,958
220	Woodenware, not elsewhere specified	3	45,500			17,200	28,300		25	12,237	48	19,188
221	All other industries[1]	85	26,439,934	5,173,921	5,915,926	7,818,007	7,532,080	50	489	593,325	5,626	2,599,931

[1] Embraces axle grease, 2; belting and hose, rubber, 1; boot and shoe findings, 2; butter, reworking, 2; card cutting and designing, 1; cheese, butter, and condensed milk, factory product, 1; chocolate and cocoa products, 2; coke, 1; combs, 1; copper, smelting and refining, 1; cordage and twine, 1; cotton waste, 1; cutlery and edge tools, 2; drug grinding, 2; dye stuffs and extracts, 2; engravers' materials, 1; felt goods, 1; files, 1; fire extinguishers, chemical, 2; fireworks, 2; fuel, artificial, 1; galvanizing, 2; gas and oil stoves, 1; glucose, 1; glue, 1; hardware, saddlery, 2; hat and cap materials, 1; horseshoes, factory product, 1; ice, manufactured, 2; ivory and bone work, 2; kaolin and other earth grinding, 1; lard, refined, 1; lasts, 2; lead, bar, pipe, and sheet, 2; lead, smelting and refining, 1;

DECATUR.

1	All industries	239	$3,632,263	$373,650	$436,862	$850,974	$1,970,777	255	268	$220,109	2,313	$994,659
2	Agricultural implements	5	624,830	81,000	49,004	64,391	430,435	4	28	32,252	193	81,979
3	Bicycle and tricycle repairing	5	2,915			2,365	550	8			6	3,050
4	Blacksmithing and wheelwrighting	13	30,385	12,525	4,900	3,275	9,685	16			36	15,584
5	Boots and shoes, custom work and repairing.	15	4,095	550	400	935	2,210	16			5	2,792
6	Bread and other bakery products	8	151,497	5,100	4,000	104,684	37,713	7	14	12,216	61	23,631
7	Carpentering	6	5,625			1,600	4,025	7			18	9,900
8	Clothing, men's, custom work and repairing.	13	18,725			1,400	17,325	15	2	1,500	40	17,416
9	Clothing, women's, dressmaking	7	17,825			2,160	15,665	8	6	2,200	24	7,981
10	Confectionery	5	8,575	2,000	500	1,600	4,475	8	3	976	4	1,504
11	Dyeing and cleaning	4	2,150			1,510	640	4			3	1,360
12	Flavoring extracts	4	25,650			2,250	23,400	2	4	3,300	20	5,710
13	Flouring and grist mill products	5	530,215	60,000	108,000	160,800	201,415	1	25	25,680	103	61,826
14	Foundry and machine shop products	6	113,086	22,000	6,000	29,870	55,216	7	12	10,700	195	90,944
15	Lumber, planing mill products, including sash, doors, and blinds.	3	160,024	32,000	17,720	21,267	89,037		12	9,000	69	37,472
16	Millinery, custom work	12	21,575			1,675	19,900	12	22	6,755	45	9,387
17	Painting, house, sign, etc	8	4,225			1,375	2,850	8			23	11,250
18	Patent medicines and compounds	3	24,954			6,376	18,578	4	6	6,146	13	4,650
19	Photography	6	7,411	1,500	1,200	1,875	2,836	6	1	156	7	2,332
20	Plumbing, and gas and steam fitting	6	40,850	3,000	1,400	3,800	32,650	9	2	750	68	36,911
21	Printing and publishing, book and job	5	19,075	1,000	1,000	12,065	5,010	5	6	2,209	16	6,696
22	Printing and publishing, newspapers and periodicals.	6	74,157			43,272	30,885	6	17	12,490	102	32,014
23	Saddlery and harness	6	66,725			6,165	60,560	6	3	3,280	31	13,254
24	Tinsmithing, coppersmithing, and sheet-iron working.	12	50,800	8,600	5,000	12,300	24,900	12	6	3,600	58	32,903
25	Tobacco, cigars and cigarettes	19	44,169	11,750	6,025	919	25,475	21	3	2,000	55	27,398
26	Watch, clock, and jewelry repairing	9	4,830			2,150	2,680	11	3	300	8	3,175
27	All other industries[1]	48	1,577,895	132,625	231,713	360,895	852,662	52	93	84,599	1,110	453,540

[1] Embraces awnings, tents, and sails, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 1; bottling, 1; boxes, fancy and paper, 1; brass castings and brass finishing, 1; brick and tile, 1; bridges, 1; brooms and brushes, 1; carpets, rag, 1; carriage and wagon materials, 1; carriages and wagons, 2; cars and general shop construction and repairs by steam railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; clothing, men's, factory product, 1; clothing, women's, factory product, 2; coffins, burial cases, and undertakers' goods, 1; cooperage, 1; electrical construction and repairs, 1; furniture,

EAST ST. LOUIS.

1	All industries	183	$10,466,412	$1,251,801	$1,888,783	$2,809,593	$4,516,235	180	274	$290,088	5,642	$2,624,749
2	Blacksmithing and wheelwrighting	9	10,965	3,700	3,800	805	2,660	9			10	6,779
3	Boots and shoes, custom work and repairing.	14	8,083	2,200	4,600	795	488	14			2	1,040
4	Bread and other bakery products	9	27,135	5,200	13,000	3,350	5,585	8			29	16,277
5	Carpentering	25	56,180	500	350	4,985	50,345	31			123	95,801
6	Carriages and wagons	3	16,650	3,100	11,000	1,150	1,400	4			13	8,745
7	Cars and general shop construction and repairs by steam railroad companies.	5	177,624	55,000	56,510	27,512	38,602		18	9,323	330	199,759
8	Clothing, men's, custom work and repairing.	11	11,875			700	11,175	11	1	1,000	24	14,104
9	Foundry and machine shop products	3	901,033	80,951	248,996	152,112	418,974		23	37,028	867	432,725
10	Lumber, planing mill products, including sash, doors, and blinds.	3	29,190	5,050	3,698	7,366	13,076	5	1	840	40	23,058
11	Millinery, custom work	3	825			75	750	3			1	394

BY SPECIFIED INDUSTRIES: 1900—Continued.

CHICAGO—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
623	$334,458	64	$20,271	72	$14,684	$48,060	$12,702	$3,376	$31,982	----------	$493,139	$489,141	$3,998	$1,194,813	207
239	192,800	98	28,340	25	3,600	90,132	20,056	9,476	60,600	----------	316,582	307,923	8,659	1,107,112	208
19	12,074	----------	----------	----------	----------	1,670	870	5	675	$120	15,300	15,300	----------	39,100	209
229	121,597	2	225	----------	----------	51,056	6,638	953	42,145	1,320	61,276	59,381	1,895	279,480	210
147	77,650	267	76,866	56	8,740	66,693	16,900	2,633	43,050	4,110	390,103	383,955	6,148	815,593	211
177	122,980	9	1,552	1	156	138,423	5,611	10,498	120,584	1,730	1,276,709	1,259,424	17,285	2,190,265	212
114	61,641	8	2,222	----------	----------	78,961	2,765	5,707	70,489	----------	413,483	397,386	16,097	681,003	213
19	10,264	----------	----------	1	104	9,448	2,350	38	7,060	----------	25,322	24,912	410	58,910	214
313	194,954	4	1,062	11	1,786	93,951	70,188	1,288	12,978	9,497	128,437	122,146	6,291	717,902	215
83	21,210	10	2,706	33	6,000	3,282	1,950	357	975	----------	32,673	32,527	146	82,400	216
188	101,294	63	18,437	5	1,236	41,494	10,808	2,135	28,551	----------	1,144,060	1,137,350	6,710	1,551,635	217
129	57,795	----------	----------	12	2,001	31,351	5,318	518	25,515	----------	154,285	150,322	3,963	333,357	218
553	277,314	7	1,350	21	4,294	52,554	28,954	1,068	22,432	100	220,494	203,918	16,576	718,844	219
37	16,962	3	984	5	1,242	8,752	2,457	68	5,351	876	27,602	26,702	900	73,158	220
4,736	2,346,721	751	216,644	139	36,566	1,157,485	72,955	64,809	985,663	34,058	25,212,391	24,779,806	432,585	34,691,974	221

lumber and timber products, 2; mantels, slate, marble, and marbleized, 1; needles and pins, 1; paper and wood pulp, 1; pencils, lead, 1; pens, gold, 2; phonographs and graphophones, 1; pocketbooks, 1; pulp goods, 1; pumps, not including steam pumps, 1; registers, car fare, 1; safes and vaults, 1; screws, machine, 2; sewing machine cases, 1; shipbuilding, iron and steel, 1; silversmithing, 2; starch, 2; tin and terne plate, 1; tinfoil, 1; umbrellas and canes, 1; vault lights and ventilators, 2; watch cases, 2; windmills, 2; wood, preserving, 1; woolen goods, 1; wool pulling, 1; wool scouring, 1.

DECATUR.

1,956	$926,631	340	$65,689	17	$2,339	$219,713	$45,502	$17,863	$155,879	$469	$3,690,802	$3,622,049	$68,753	$5,896,492	1
193	81,979	----------	----------	----------	----------	24,664	60	2,005	22,599	----------	156,946	152,110	4,836	368,405	2
6	3,050	----------	----------	----------	----------	938	670	15	253	----------	5,925	5,838	87	18,205	3
35	15,384	----------	----------	1	200	2,484	1,745	260	479	----------	15,334	14,664	670	55,208	4
5	2,792	----------	----------	----------	----------	1,123	942	67	114	----------	3,948	3,816	132	14,594	5
58	22,899	8	732	----------	----------	5,928	3,286	335	2,307	----------	100,355	97,834	2,521	202,161	6
18	9,900	----------	----------	----------	----------	34	30	4	----------	----------	28,388	28,388	----------	49,274	7
30	15,119	10	2,297	----------	----------	2,589	1,590	281	668	----------	23,567	23,106	461	64,998	8
3	2,000	21	5,981	----------	----------	1,677	1,253	101	323	----------	15,445	15,293	152	37,219	9
3	1,144	1	360	----------	----------	1,312	910	57	345	----------	12,599	12,392	207	23,432	10
3	1,360	----------	----------	----------	----------	871	646	13	212	----------	1,219	864	355	8,380	11
10	3,650	10	2,060	----------	----------	3,779	1,035	117	2,627	----------	25,703	25,463	240	54,167	12
103	61,826	----------	----------	----------	----------	33,866	----------	2,915	30,951	----------	1,807,087	1,779,274	27,813	1,992,720	13
195	90,944	----------	----------	----------	----------	5,869	2,650	424	2,795	----------	57,216	53,878	3,338	225,827	14
69	37,472	----------	----------	----------	----------	5,700	750	1,050	3,900	----------	119,535	118,560	975	179,230	15
----------	----------	45	9,387	----------	----------	6,107	3,210	504	2,393	----------	53,240	53,114	126	91,047	16
23	11,250	----------	----------	----------	----------	543	343	5	195	----------	5,855	5,845	10	25,170	17
7	3,600	6	1,050	----------	----------	2,982	1,300	142	1,540	----------	13,078	12,953	125	29,530	18
3	1,560	4	772	----------	----------	1,389	990	53	346	----------	4,946	4,718	228	13,478	19
68	36,911	----------	----------	----------	----------	2,554	1,566	242	746	----------	91,753	91,365	388	161,000	20
16	6,696	----------	----------	----------	----------	2,303	804	52	1,447	----------	9,244	8,589	655	27,310	21
92	30,168	7	1,560	3	286	5,672	2,699	203	2,705	65	17,420	15,267	2,153	112,296	22
29	12,704	1	450	1	100	5,066	2,606	375	2,085	----------	26,744	26,227	517	55,644	23
58	32,903	----------	----------	----------	----------	3,876	1,866	256	1,350	404	51,551	51,144	407	121,013	24
50	26,741	----------	----------	5	657	14,766	3,534	364	10,868	----------	26,717	26,378	339	96,505	25
8	3,175	----------	----------	----------	----------	1,658	1,350	55	253	----------	9,349	9,309	40	22,905	26
871	411,404	232	41,040	7	1,096	82,013	9,667	7,968	64,378	----------	1,007,638	985,660	21,978	1,846,774	27

cabinetmaking, repairing, and upholstering, 1; gas, illuminating and heating, 1; hand stamps, 1; ice, manufactured, 1; liquors, malt, 1; looking-glass and picture frames, 2; lumber and timber products, 2; marble and stone work, 1; masonry, brick and stone, 2; mattresses and spring beds, 1; mineral and soda waters, 2; monuments and tombstones, 2; paper hanging, 1; plastering and stuccowork, 1; pumps, not including steam pumps, 1; refrigerators, 1; slaughtering and meat packing, wholesale, 2; tools, not elsewhere specified, 1; trunks and valises, 1; wirework, including wire rope and cable, 2.

EAST ST. LOUIS.

5,293	$2,543,900	111	$36,041	238	$44,808	$609,809	$24,008	$29,904	$499,004	$56,893	$28,300,150	$28,047,840	$252,310	$33,559,611	1
10	6,779	----------	----------	----------	----------	615	445	60	110	----------	6,215	5,851	364	24,384	2
2	1,040	----------	----------	----------	----------	670	610	31	29	----------	2,455	2,312	143	11,875	3
29	16,277	----------	----------	----------	----------	4,041	3,220	254	567	----------	52,649	51,224	1,425	94,787	4
123	95,801	----------	----------	----------	----------	58,554	934	73	863	56,684	309,931	309,535	396	538,351	5
13	8,745	----------	----------	----------	----------	398	240	50	108	----------	4,156	3,951	205	19,423	6
330	199,759	----------	----------	----------	----------	6,209	----------	1,899	4,310	----------	182,740	178,967	3,773	398,031	7
23	13,792	1	312	----------	----------	2,769	2,493	134	142	----------	26,823	26,576	247	63,689	8
862	430,905	5	1,820	----------	----------	41,451	----------	4,070	37,381	----------	662,208	606,559	55,649	1,267,812	9
40	23,058	----------	----------	----------	----------	1,893	1,360	216	317	----------	66,091	65,486	605	111,368	10
----------	----------	1	394	----------	----------	645	570	13	62	----------	2,240	2,224	16	4,635	11

TABLE 8.—MANUFACTURES IN CITIES

EAST ST. LOUIS—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
12	Mineral and soda waters	3	$7,750			$2,400	$5,350	2			15	$8,868
13	Painting, house, sign, etc	15	7,384			1,310	6,074	18			28	12,974
14	Paper hanging	3	2,455		$200	180	2,075	3			6	2,850
15	Paving and paving materials	5	31,040	$5,000	200	7,375	18,465	6	4	$3,840	185	50,323
16	Photography	3	3,050			1,250	1,800	3			8	1,056
17	Plumbing, and gas and steam fitting	5	18,825			2,525	16,300	6	3	2,160	56	41,290
18	Printing and publishing, newspapers and periodicals.	5	44,650	4,000	5,000	27,700	7,950	4	4	4,500	41	17,026
19	Roofing and roofing materials	3	20,725	2,500	1,500	2,225	14,500	3	1	780	21	10,450
20	Saddlery and harness	3	5,750			950	4,800	3			4	2,256
21	Tinsmithing, coppersmithing, and sheet-iron working.	7	9,800			3,750	6,050	8			17	11,087
22	Tobacco, cigars and cigarettes	4	3,645			245	3,400	6			9	3,595
23	Watch, clock, and jewelry repairing	8	12,095		60	3,410	8,625	9			8	1,952
24	All other industries[1]	84	9,059,683	1,084,600	1,539,869	2,557,423	3,877,791	24	219	230,617	3,815	1,662,340

[1] Embraces awnings, tents, and sails, 1; bicycle and tricycle repairing, 2; brooms and brushes, 1; cars and general shop construction and repairs by street railroad companies, 1; chemicals, 2; clothing, women's, dressmaking, 1; confectionery, 1; cooperage, 1; dyeing and cleaning, 2; flouring and grist mill products, 2; furniture, cabinetmaking, repairing, and upholstering, 1; gas, illuminating and heating, 1; glass, 1; ice, manufactured, 1; iron and steel, 1; kaolin and other earth

ELGIN.

1	All industries	209	$8,603,283	$729,618	$1,173,287	$3,059,098	$3,641,280	238	158	$191,584	4,764	$2,249,009
2	Bicycle and tricycle repairing	3	2,025			1,300	725	3			8	2,950
3	Blacksmithing and wheelwrighting	16	17,520	4,000	4,000	2,075	7,445	17			26	12,029
4	Boots and shoes, custom work and repairing.	9	1,315			820	495	9			2	465
5	Bread and other bakery products	5	8,294			5,229	3,065	4	4	2,652	35	17,680
6	Carpentering	15	11,620	715	3,075	3,570	4,260	16			84	39,256
7	Cheese, butter, and condensed milk, factory product.	3	346,701	31,540	143,885	41,776	129,500	1	4	5,400	137	52,700
8	Clothing, men's, custom work and repairing.	14	12,485			1,595	10,890	17			27	13,740
9	Clothing, women's, dressmaking	4	1,540			390	1,150	5			22	4,950
10	Confectionery	4	57,340	5,000	1,500	19,700	31,140	4	5	5,950	149	32,628
11	Cooperage	3	123,580	22,600	32,000	18,744	50,236	1	1	1,500	191	86,575
12	Foundry and machine shop products	7	143,028	10,103	14,400	26,660	91,865	5	9	10,220	147	74,977
13	Masonry, brick and stone	5	700			700		5			33	9,528
14	Millinery, custom work	10	14,204			2,055	12,149	14	1	200	25	8,188
15	Monuments and tombstones	3	10,850	300	150	1,400	9,000	4			7	4,100
16	Painting, house, sign, etc	7	12,505			2,595	9,910	7	3	2,310	44	22,620
17	Paving and paving materials	4	49,300	37,700	3,000	6,900	1,700	3	1	200	36	18,026
18	Photography	4	5,170		1,050	3,350	770	4			7	2,234
19	Plumbing, and gas and steam fitting	8	17,195			2,920	14,275	16			25	12,722
20	Printing and publishing, book and job	3	98,546	6,000	17,000	36,632	38,914	4	6	4,000	39	15,329
21	Printing and publishing, newspapers and periodicals.	7	351,761	19,000	75,078	150,965	106,718	6	12	45,140	232	110,499
22	Saddlery and harness	4	20,827			1,115	19,712	4			10	5,720
23	Tinsmithing, coppersmithing, and sheet-iron working.	7	13,400			4,100	9,300	14			14	8,479
24	Tobacco, cigars and cigarettes	11	24,275	1,500	500	980	21,295	14			42	16,462
25	Watch, clock, and jewelry repairing	7	5,090			3,185	1,905	8			9	6,231
26	All other industries[1]	46	7,254,012	591,160	877,649	2,720,342	3,064,861	53	112	114,012	3,413	1,670,918

[1] Embraces awnings, tents, and sails, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 1; boxes, wooden packing, 1; brooms and brushes, 2; butter, reworking, 1; carpets, rag, 2; carriages and wagons, 2; clothing, women's, factory product, 1; dyeing and cleaning, 1; electrical construction and repairs, 1; flouring and grist mill products, 2; food preparations, 1; fruits and vegetables, canning and preserving, 1; fur goods, 1; furniture, cabinetmaking, repairing, and upholstering, 1; furniture, factory product, 1; gas, illuminating and heating, 1; hand stamps, 1; hardware, 2; house furnishing goods, not elsewhere

JOLIET.

1	All industries	455	$15,452,196	$3,138,450	$1,919,258	$3,984,885	$6,409,603	484	407	$359,105	6,523	$3,957,529
2	Agricultural implements	3	137,546	20,000	13,933	27,529	76,084	1	5	5,500	62	33,059
3	Bicycle and tricycle repairing	5	2,730			1,250	1,480	5			7	2,013
4	Blacksmithing and wheelwrighting	30	45,732	21,525	12,050	5,390	6,767	34			29	13,203
5	Boots and shoes, custom work and repairing.	18	4,182	250	365	2,220	1,347	17			13	5,805
6	Bread and other bakery products	18	43,415	12,500	15,975	9,233	5,707	19	6	1,649	46	22,953
7	Carpentering	61	47,764	6,440	6,450	12,335	22,539	74	2	1,200	151	101,132
8	Carpets, rag	3	736			510	226	3	1	5	2	581
9	Carriages and wagons	3	10,210	2,500	4,500	1,130	2,080	3			7	4,200
10	Clothing, men's, custom work and repairing.	23	25,241	1,850	1,650	2,500	19,241	23			47	24,363
11	Clothing, women's, dressmaking	28	6,650	705	1,050	2,787	2,108	30			47	9,337
12	Confectionery	7	12,480	1,100	1,300	6,770	3,310	9			11	5,149
13	Electrical construction and repairs	3	2,970			1,130	1,840	4	1	240	3	1,005
14	Flouring and grist mill products	5	10,345	100	2,500	3,800	3,945	6	2	1,100	3	1,570
15	Foundry and machine shop products	11	634,322	62,022	76,850	130,163	365,287	14	35	44,709	481	265,115
16	Furniture, cabinetmaking, repairing, and upholstering.	10	19,065			2,425	16,640	10	3	414	25	9,426

BY SPECIFIED INDUSTRIES: 1900—Continued.

EAST ST. LOUIS—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
15	$8,868					$1,459	$900	$24	$535		$5,593	$5,497	$96	$35,358	12
22	11,294	6	$1,680			1,462	848	47	493	$74	9,828	9,667	161	47,645	13
6	2,850					538	342	19	177		2,182	2,164	18	9,365	14
185	50,323					1,869	192	19	1,658		39,904	39,279	625	127,810	15
1	536	2	520			1,211	1,160	29	22		4,087	4,017	70	14,285	16
56	41,290					1,054	860	162	232		57,899	57,695	204	123,305	17
23	11,902	9	3,896	9	$1,228	4,176	869	104	3,068	135	12,158	11,364	794	56,452	18
21	10,450					242	165	35	42		18,092	17,992	100	40,965	19
4	2,256					940	856	29	55		2,611	2,577	34	8,820	20
17	11,087					529	422	79	28		32,359	32,124	235	66,687	21
8	3,493			1	102	2,166	484	14	1,668		6,811	6,751	60	17,653	22
3	1,952					1,237	740	19	478		1,033	930	103	11,265	23
3,500	1,591,443	87	27,419	228	43,478	475,681	6,498	22,524	446,659		26,792,085	26,605,098	186,987	30,465,646	24

grinding, 1; liquors, malt, 1; masonry, brick and stone, 2; oleomargarine, 1; patent medicines and compounds, 1; plastering and stuccowork, 2; printing and publishing, book and job, 2; sewing machine repairing, 1; slaughtering and meat packing, wholesale, 1; slaughtering, wholesale, not including meat packing, 2; wood, turned and carved, 1.

ELGIN.

2,860	$1,560,159	1,787	$674,420	117	$14,430	$450,773	$44,911	$34,846	$352,516	$18,500	$2,953,582	$2,876,731	$76,851	$7,161,637	1
8	2,950					957	715	21	221		4,897	4,670	227	11,300	2
26	12,029					2,731	2,267	228	236		9,586	8,850	736	42,273	3
2	468					736	684	17	35		2,930	2,836	94	10,128	4
31	16,822	4	858			2,540	2,184	83	273		34,773	33,902	871	77,343	5
84	39,256					472	336	52	84		79,519	79,249	270	181,162	6
74	33,874	63	18,826			12,365	100	4,492	7,773		645,744	629,392	16,352	851,995	7
20	11,050	7	2,690			3,555	2,337	113	1,105		22,160	21,739	421	57,685	8
		22	4,950			1,077	552	9	516		6,003	6,003		15,247	9
33	10,758	84	19,120	32	2,750	15,244	3,440	240	11,564		108,455	101,723	6,732	181,014	10
190	86,055	1	520			3,667		820	2,847		228,103	227,450	653	315,231	11
147	74,977					9,530	4,630	807	4,093		77,443	76,153	1,290	194,367	12
33	9,528					4	4				10,012	10,012		29,040	13
		25	8,188			4,892	3,862	207	823		38,051	37,829	222	65,170	14
7	4,100					412	172	62	178		26,150	26,125	25	37,500	15
44	22,620					1,859	1,428	64	367		13,134	13,026	108	63,393	16
36	18,026					437		302	135		12,665	12,290	375	48,277	17
2	631	5	1,603			1,200	1,068	25	107		3,649	3,517	132	9,910	18
25	12,722					2,211	1,678	307	226		48,235	47,881	354	88,433	19
23	8,929	15	6,300	1	100	22,742	550	82	3,610	18,500	30,536	29,416	1,120	87,100	20
135	77,167	94	32,782	3	550	140,033	7,550	2,019	130,464		146,556	143,345	3,211	501,616	21
10	5,720					2,018	1,440	136	442		8,489	8,383	106	19,627	22
14	8,479					1,506	1,206	104	196		13,835	13,426	409	30,832	23
41	16,312			1	150	9,245	2,286	44	6,915		26,219	26,009	210	59,693	24
8	5,931	1	300			1,656	1,350	75	231		1,937	1,826	111	11,980	25
1,867	1,081,755	1,466	578,283	80	10,880	209,684	5,072	24,537	180,075		1,354,501	1,311,679	42,822	4,171,321	26

specified, 1; liquors, malt, 1; looking-glass and picture frames, 2; marble and stone work, 1; mineral and soda waters, 1; plastering and stuccowork, 2; regalia and society banners and emblems, 1; shirts, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 1; stamped ware, 1; tools, not elsewhere specified, 1; watch and clock materials, 2; watch cases, 2; watches, 1; windmills, 1; wood, turned and carved, 1.

JOLIET.

6,271	$3,899,701	213	$49,274	39	$8,554	$1,718,339	$51,459	$75,219	$1,320,660	$271,001	$17,891,836	$16,002,395	$1,889,441	$27,765,104	1
62	33,059					5,099	220	749	4,130		82,999	81,719	1,280	142,615	2
5	1,710	1	200	1	103	814	564	15	135	100	3,345	3,142	203	10,945	3
29	13,203					4,017	2,342	342	1,333		14,238	12,899	1,339	57,511	4
13	5,805					1,731	1,526	40	165		6,591	6,356	235	23,376	5
34	19,614	11	3,210	1	129	9,035	3,273	366	5,396		55,893	53,407	2,486	136,931	6
150	100,872			1	260	131,155	592	178	4,229	126,156	264,149	263,905	244	565,369	7
2	581					347	264	2	27	54	1,052	1,028	24	3,134	8
7	4,200					842	270	67	505		5,551	5,367	184	13,765	9
35	21,116	12	3,247			5,684	3,499	163	1,272	750	35,328	34,142	1,186	84,997	10
		47	9,337			2,257	1,944	55	251	7	18,098	17,677	421	44,339	11
9	4,379	2	770			2,639	1,333	80	1,170	50	17,663	17,271	392	30,530	12
3	1,005					535	505	13	17		1,781	1,740	41	6,091	13
3	1,570					1,023	546	73	404		23,948	22,863	1,085	33,240	14
474	263,144	7	1,971			63,277	722	4,003	57,652	900	332,648	322,172	10,476	794,692	15
22	8,626	3	800			2,755	971	13	1,737	34	29,302	29,107	195	49,732	16

TABLE 8.—MANUFACTURES IN CITIES

JOLIET—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
17	Iron and steel	5	$7,876,817	$2,113,595	$1,149,742	$2,168,433	$2,445,047	------	148	$91,967	2,778	$1,936,613
18	Lumber, planing mill products, including sash, doors, and blinds.	6	84,920	16,000	23,200	15,013	30,707	4	4	4,020	34	24,173
19	Marble and stone work	3	734,500	507,000	74,500	123,300	29,700	1	19	18,284	127	64,743
20	Masonry, brick and stone	17	18,865	2,940	1,185	3,595	11,145	19	1	600	73	47,535
21	Millinery, custom work	13	20,485	2,000	2,000	3,085	13,400	11	1	600	41	10,703
22	Mineral and soda waters	5	10,510	------	------	6,950	3,560	6	------	------	11	4,870
23	Monuments and tombstones	5	26,086	5,900	3,700	2,075	14,411	7	2	500	7	4,521
24	Painting, house, sign, etc	27	26,698	2,125	1,780	5,953	16,840	34	2	384	56	33,169
25	Paper hanging	3	4,012	150	660	802	2,400	3	------	------	2	2,095
26	Patent medicines and compounds	3	33,134	2,600	8,350	3,660	18,524	3	16	9,279	13	3,812
27	Paving and paving materials	12	39,685	1,400	3,400	25,090	9,795	16	1	540	68	29,125
28	Photography	6	7,633	------	250	4,500	2,883	7	------	------	5	2,703
29	Plastering and stuccowork	13	6,725	2,600	775	1,925	1,425	20	------	------	20	13,918
30	Plumbing, and gas and steam fitting	13	45,705	4,325	5,550	7,105	28,725	14	4	6,500	84	57,023
31	Printing and publishing, book and job	5	14,438	------	------	11,300	3,138	4	3	1,680	14	4,092
32	Printing and publishing, newspapers and periodicals.	8	109,032	1,000	500	75,830	31,702	5	24	20,608	91	42,899
33	Saddlery and harness	5	23,020	7,000	7,600	1,280	7,140	4	------	------	9	4,315
34	Tinsmithing, coppersmithing, and sheet-iron working.	5	3,500	400	200	1,300	1,600	6	------	------	4	1,491
35	Tobacco, cigars and cigarettes	16	34,410	3,250	1,990	5,710	23,460	18	------	------	55	27,973
36	Watch, clock, and jewelry repairing	9	5,991	150	150	2,750	2,941	9	------	------	12	8,080
37	All other industries[1]	48	5,322,642	$37,023	497,103	1,306,057	3,182,459	41	127	149,326	2,085	1,134,765

[1] Embraces awnings, tents, and sails, 1; boots and shoes, factory product, 1; bottling, 1; brick and tile, 2; brooms and brushes, 1; cars and general shop construction and repairs by steam railroad companies, 1; cars, steam railroad, not including operations of railroad companies, 1; chemicals, 1; clothing, women's, factory product, 1; cooperage, 1; cutlery and edge tools, 1; dyeing and cleaning, 1; electrical apparatus and supplies, 1; flavoring extracts, 2; food preparations, 1; furniture, factory product, 2; gas, illuminating and heating, 1; grease and tallow, 2; ice, manufactured, 1; iron and steel, nails and spikes, cut and wrought, including

PEORIA.

1	All industries	871	$27,971,613	$5,147,070	$6,088,827	$8,283,473	$8,452,243	911	767	$768,574	8,022	$3,901,186
2	Agricultural implements	8	3,311,512	132,394	367,652	265,746	2,545,720	7	92	102,062	924	498,169
3	Awnings, tents, and sails	3	5,415	------	------	965	4,450	5	1	600	12	5,520
4	Bicycle and tricycle repairing	10	8,360	------	------	3,310	5,050	13	------	------	15	6,808
5	Blacksmithing and wheelwrighting	42	65,392	26,075	18,150	11,854	9,313	45	2	310	62	33,982
6	Boots and shoes, custom work and repairing.	38	12,016	5,475	3,575	2,268	698	40	------	------	14	6,940
7	Bread and other bakery products	42	300,664	27,500	44,900	140,485	87,779	42	37	13,328	211	76,361
8	Brick and tile	5	66,530	35,000	6,700	4,300	20,530	6	------	------	63	26,420
9	Brooms and brushes	3	7,135	3,700	2,700	225	510	3	------	------	5	1,800
10	Carpentering	79	211,945	35,600	49,975	25,720	100,650	86	11	9,082	431	268,616
11	Carpets, rag	7	5,135	1,900	1,700	910	625	7	------	------	18	8,750
12	Carriages and wagons	9	156,723	18,530	34,492	18,171	85,530	9	8	7,420	129	58,299
13	Cars and general shop construction and repairs by steam railroad companies.	4	178,001	27,500	54,650	44,100	51,751	------	10	12,195	207	118,323
14	Clothing, men's, custom work and repairing.	56	107,005	6,200	7,300	10,715	82,790	61	4	3,696	202	100,544
15	Clothing, men's, factory product	4	182,500	------	------	20,000	162,500	3	29	34,250	272	88,679
16	Clothing, women's, dressmaking	94	42,607	14,450	13,250	6,000	8,907	100	4	3,000	199	43,223
17	Confectionery	9	68,475	3,000	4,500	16,400	44,575	11	3	2,080	69	19,706
18	Cooperage	4	871,773	45,617	19,800	330,957	475,399	1	22	34,000	750	355,847
19	Dyeing and cleaning	5	36,250	20,300	13,000	2,200	750	5	------	------	11	3,397
20	Electrical construction and repairs	5	22,750	------	------	1,650	21,100	4	1	312	20	10,191
21	Electroplating	3	8,300	------	------	5,400	2,900	6	------	------	6	2,754
22	Flouring and grist mill products	4	178,200	18,000	27,000	38,000	95,200	6	8	6,596	29	15,436
23	Foundry and machine shop products	22	634,160	39,500	64,100	108,488	422,072	20	74	59,813	405	199,668
24	Furniture, cabinetmaking, repairing, and upholstering.	10	125,727	10,000	75,000	3,277	37,450	9	1	600	54	26,036
25	Furniture, factory product	3	34,050	500	1,500	11,000	21,050	6	------	------	53	28,565
26	Lamps and reflectors	3	4,330	700	250	1,270	2,110	3	1	600	13	6,539
27	Liquors, distilled	11	2,467,131	161,586	455,553	1,500,512	349,480	------	33	53,224	213	123,548
28	Liquors, malt	3	847,623	94,500	179,834	165,528	407,761	------	26	35,350	89	47,330
29	Looking-glass and picture frames	3	5,675	------	------	675	5,000	2	------	------	5	2,856
30	Lumber, planing mill products, including sash, doors, and blinds.	3	118,106	9,000	22,347	20,797	65,962	2	8	6,680	59	31,533
31	Malt	3	146,445	------	25,000	7,500	113,945	1	4	8,450	35	22,101
32	Masonry, brick and stone	26	82,902	11,550	17,450	10,050	43,852	31	6	7,364	242	157,666
33	Millinery, custom work	21	43,980	4,750	6,550	7,710	24,970	20	20	9,550	80	21,678
34	Mineral and soda waters	4	22,300	------	------	15,000	7,300	5	------	------	25	13,514
35	Monuments and tombstones	3	60,728	9,600	6,853	1,675	42,600	6	7	5,760	13	10,000
36	Painting, house, sign, etc	61	94,680	25,375	28,575	4,815	35,915	67	8	4,866	150	87,847
37	Paper hanging	4	2,825	400	300	90	2,035	6	------	------	4	2,250
38	Patent medicines and compounds	6	13,885	1,500	500	810	11,075	5	1	600	9	3,858
39	Paving and paving materials	15	25,974	2,500	4,800	7,875	10,799	20	7	2,600	117	32,271
40	Photography	14	19,535	2,000	2,200	7,650	7,685	15	------	------	22	9,168
41	Plastering and stuccowork	13	29,355	4,200	11,825	3,505	9,825	16	------	------	42	25,470

BY SPECIFIED INDUSTRIES: 1900—Continued.

JOLIET—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
2,771	$1,933,813			7	$2,800	$765,331		$43,075	$722,256		$9,487,839	$7,776,893	$1,710,946	$13,380,090	17
34	24,178					5,336	$771	469	4,036	$60	50,507	49,565	942	101,420	18
127	64,743					41,715	8,000	415	29,500	3,800	44,058	40,364	3,694	203,906	19
73	47,535					4,703	71	67	1,953	2,612	86,134	36,134		112,692	20
		41	$10,703			5,707	3,808	229	1,670		34,467	34,420	47	63,294	21
11	4,870					2,540	1,336	74	1,130		15,670	15,444	226	30,040	22
7	4,521					1,413	444	121	848		24,274	24,225	49	38,282	23
53	32,611	1	228	2	330	4,345	1,690	130	2,456	69	31,394	31,204	190	89,109	24
2	2,095					208	34	16	158		2,476	2,437	39	7,920	25
3	1,281	10	2,531			11,367		85	11,282		12,721	12,517	204	42,791	26
68	29,125					2,959	132	155	2,372	300	31,148	28,548	2,600	79,529	27
8	1,871	2	832			2,583	1,842	60	681		4,385	4,315	70	17,262	28
20	13,918					1,153	44	46	813	250	17,022	17,022		42,014	29
82	56,717			3	306	5,117	2,352	290	2,410	65	78,452	77,823	629	174,126	30
13	3,885	1	207			1,550	1,052	119	344	35	5,903	5,535	368	16,466	31
81	41,193	9	1,560	1	146	20,283	4,609	437	14,683	554	34,262	32,517	1,745	142,281	32
9	4,315					388	60	157	171		8,465	8,368	97	15,922	33
3	1,247			1	244	653	302	42	309		3,660	3,583	77	10,452	34
42	25,958	9	1,534	4	481	14,416	2,309	96	12,011		35,836	35,572	264	96,338	35
12	8,080					2,433	1,336	38	459	600	8,721	8,508	213	25,006	36
2,009	1,118,866	57	12,144	19	3,755	592,935	2,696	22,939	432,695	134,605	7,031,856	6,884,606	147,250	11,078,897	37

wire nails, 2; ironwork, architectural and ornamental, 1; lime and cement, 1; liquors, malt, 2; lock and gun smithing, 2; looking-glass and picture frames, 1; lumber and timber products, 1; mattresses and spring beds, 1; models and patterns, 2; paints, 1; roofing and roofing materials, 2; sausage, 1; slaughtering and meat packing, wholesale, 2; tin and terne plate, 1; windmills, 1; wire, 2; wirework, including wire rope and cable, 1; wood, turned and carved, 1.

PEORIA.

6,945	$3,637,390	1,021	$256,536	56	$7,260	$25,122,825	$202,821	$83,093	$24,669,859	$167,052	$14,986,348	$14,408,981	$577,367	$48,871,596	1
915	494,206	8	3,800	1	163	291,004	1,665	4,701	284,638		1,016,314	997,524	18,790	2,372,329	2
6	3,680	6	1,840			1,230	840	10	380		20,026	19,896	130	35,700	3
15	6,808					3,503	2,221	46	1,236		9,470	9,140	330	26,326	4
62	33,982					6,448	4,381	597	1,470		27,675	25,639	2,036	117,292	5
14	6,940					2,955	2,602	73	280		12,150	11,865	285	41,286	6
126	60,631	83	15,495	2	235	31,178	9,237	1,574	20,367		325,411	317,527	7,884	561,816	7
59	25,700			4	720	1,790	480	684	626		10,085	3,224	6,861	60,000	8
5	1,800					102		65	37		5,125	5,105	20	7,800	9
431	268,616					156,704	4,488	1,512	6,172	144,532	583,201	582,383	818	1,238,591	10
13	7,369	3	1,108	2	273	984	731	62	191		2,965	2,790	175	16,880	11
129	58,299					11,177	2,242	594	8,341		143,062	141,045	2,017	246,978	12
207	118,323					8,223	4,301	1,485	2,437		73,292	69,933	3,359	212,033	13
150	84,638	52	15,906			25,513	17,108	431	7,974		104,382	103,332	1,050	312,766	14
31	21,010	239	67,477	2	192	9,545	5,698	952	2,895		188,931	186,526	2,405	373,280	15
2	2,000	196	41,108	1	115	12,823	9,549	420	2,854		23,723	22,600	1,123	143,257	16
34	13,185	34	6,426	1	95	9,111	4,616	310	4,185		80,727	79,837	890	143,450	17
750	355,847					46,425	60	2,300	44,065		776,292	766,898	9,394	1,325,485	18
7	2,315	3	982	1	100	2,316	1,128	280	908		1,348	1,025	323	14,426	19
20	10,191					3,262	1,620	77	1,565		18,229	17,974	255	50,000	20
6	2,754					985	480	10	495		1,482	1,055	427	8,650	21
29	15,436					19,618	200	1,014	18,404		395,366	390,866	4,500	496,802	22
400	199,092			5	576	88,137	6,531	3,403	78,203		546,353	529,276	17,077	1,025,373	23
44	24,174	10	1,862			6,912	2,984	160	3,768		20,554	20,472	82	69,730	24
53	28,565					2,761	1,518	169	1,074		50,126	48,985	1,141	91,220	25
13	6,539					399	300	44	55		20,538	20,435	103	34,500	26
212	123,333	1	215			23,525,087	32,170	10,671	23,482,246		2,553,710	2,390,593	163,117	26,792,354	27
86	46,606	3	724			251,344		5,794	245,550		112,470	100,394	12,076	530,875	28
4	2,256	1	600			2,025	1,435	50	540		10,875	10,875		19,985	29
59	31,533					16,115	495	620	13,800	1,200	88,274	86,625	1,649	158,000	30
35	22,101					12,054	6,050	332	5,672		290,904	277,873	13,031	368,323	31
242	157,666					10,273	671	407	2,895	6,300	480,396	480,223	173	752,153	32
2	1,050	78	20,628			14,902	7,784	341	6,777		91,750	91,452	298	168,000	33
21	12,802	2	400	2	312	8,239	1,780	94	6,365		8,667	7,785	882	42,000	34
13	10,000					2,838		398	2,440		78,681	78,571	110	112,730	35
150	87,847					7,396	3,974	845	2,577		85,078	84,740	338	256,681	36
4	2,250					1,122	660	57	405		2,130	2,130		10,800	37
6	3,050	3	808			3,052	1,009	83	1,960		12,005	11,790	215	31,322	38
117	32,271					2,633	888	75	1,670		115,805	115,446	359	183,371	39
13	6,910	9	2,258			4,775	3,772	83	920		8,265	8,105	160	40,550	40
42	25,470					2,428	532	223	263	1,410	51,845	51,475	370	107,000	41

TABLE 8.—MANUFACTURES IN CITIES

PEORIA—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
42	Plumbing, and gas and steam fitting	12	$205,970	$12,000	$24,500	$14,320	$155,150	13	12	$14,240	148	$83,741
43	Printing and publishing, book and job	12	143,340	------	200	96,617	46,523	13	14	12,016	169	72,566
44	Printing and publishing, newspapers and periodicals.	17	248,263	75	100	146,056	102,032	17	72	52,321	90	64,622
45	Roofing and roofing materials	12	91,560	8,450	12,400	10,450	60,260	17	3	2,784	105	57,162
46	Saddlery and harness	15	133,820	16,300	18,400	9,771	89,349	18	7	5,300	73	34,898
47	Tinsmithing, coppersmithing, and sheet-iron working.	15	192,090	21,526	3,000	24,925	142,639	20	17	14,225	141	63,224
48	Tobacco, cigars and cigarettes	32	149,959	23,100	18,500	2,343	106,016	35	4	2,650	240	132,606
49	Watch, clock, and jewelry repairing	18	15,925	3,500	1,000	5,425	6,000	22	------	------	24	14,667
50	Wirework, including wire rope and cable.	3	109,282	9,517	26,000	35,637	38,128	2	16	11,485	34	13,872
51	All other industries[1]	73	16,055,305	4,253,700	4,412,746	5,110,326	2,278,533	60	194	229,165	1,719	762,165

[1] Embraces artificial limbs, 1; baking and yeast powders, 2; bicycles and tricycles, 2; bookbinding and blank book making, 1; boot and shoe uppers, 1; boots and shoes, factory product, 1; bottling, 2; boxes, cigar, 1; boxes, fancy and paper, 1; boxes, wooden packing, 1; brass castings and brass finishing, 1; carriage and wagon materials, 2; charcoal, 1; chemicals, 1; china decorating, 1; coffee and spice, roasting and grinding, 2; coffins, burial cases, and undertakers' goods, 1; cordage and twine, 1; druggists' preparations, not including prescriptions, 2; electrical apparatus and supplies, 2; flavoring extracts, 2; food preparations, 2; fruits and vegetables, canning and preserving, 1; fur goods, 2; gas, illuminating and heating, 2; glass, cutting, staining, and ornamenting, 1; glucose, 1; grease and

QUINCY.

1	All industries	421	$6,879,846	$552,537	$1,179,713	$1,851,194	$3,296,402	460	491	$400,233	4,509	$1,918,452
2	Bicycle and tricycle repairing	3	1,275	------	------	600	675	4	------	------	3	939
3	Blacksmithing and wheelwrighting	25	18,380	6,185	5,650	2,735	3,810	32	------	------	25	11,042
4	Boots and shoes, custom work and repairing.	22	10,507	1,950	1,220	1,971	5,366	22	------	------	9	4,217
5	Bread and other bakery products	9	31,835	4,000	8,600	14,635	4,600	10	1	240	34	12,495
6	Brick and tile	7	63,510	17,000	17,300	17,310	11,900	9	------	------	41	14,569
7	Carpentering	27	151,068	19,900	28,813	19,524	82,831	26	53	23,480	156	81,773
8	Carriages and wagons	12	235,411	15,091	25,700	25,048	169,572	12	13	10,769	184	79,436
9	Clothing, men's, custom work and repairing.	13	19,795	------	------	1,425	18,370	20	3	3,020	38	19,916
10	Clothing, women's, dressmaking	25	3,366	------	------	1,548	1,818	28	------	------	62	10,618
11	Confectionery	4	86,590	------	------	18,621	67,969	5	21	12,250	76	20,892
12	Cooperage	6	5,965	1,400	1,150	390	3,025	6	------	------	10	3,275
13	Flouring and grist mill products	5	199,655	32,500	41,000	53,000	73,155	6	7	5,268	36	18,605
14	Foundry and machine shop products	21	1,555,326	143,317	270,742	340,572	800,695	14	104	105,516	947	517,360
15	Furniture, cabinetmaking, repairing, and upholstering.	10	17,120	------	------	1,970	15,150	8	------	------	19	8,421
16	Furniture, factory product	3	48,310	3,750	24,200	8,500	11,860	2	3	1,850	41	17,443
17	Liquors, malt	4	942,309	114,550	392,937	94,736	340,056	------	18	22,760	101	52,796
18	Lock and gun smithing	3	2,600	400	200	1,400	600	3	------	------	1	240
19	Lumber, planing mill products, including sash, doors, and blinds.	7	221,129	33,951	41,335	45,371	100,472	7	10	7,832	167	80,240
20	Masonry, brick and stone	11	26,050	4,400	2,925	4,965	13,760	21	------	------	96	63,272
21	Millinery, custom work	15	55,525	1,100	1,750	2,050	50,625	29	12	2,550	62	11,865
22	Mineral and soda waters	3	115,519	3,587	10,000	19,009	82,923	4	4	3,304	26	12,124
23	Monuments and tombstones	3	14,087	4,950	850	600	7,687	5	1	250	3	1,670
24	Painting, house, sign, etc	21	15,365	400	925	2,545	11,495	26	4	1,008	79	39,616
25	Patent medicines and compounds	4	7,202	------	------	1,283	5,919	3	2	900	4	1,500
26	Paving and paving materials	4	15,240	1,500	2,000	3,490	8,250	5	------	------	49	18,946
27	Photography	5	14,454	------	------	8,800	5,654	5	2	1,112	5	1,574
28	Plastering and stuccowork	4	3,255	1,000	1,300	175	780	7	------	------	8	4,546
29	Plumbing, and gas and steam fitting	3	12,775	400	375	4,500	7,500	2	4	3,128	20	11,750
30	Printing and publishing, book and job	12	103,004	100	200	70,314	32,390	15	11	10,876	122	41,958
31	Printing and publishing, newspapers and periodicals.	14	106,931	------	------	49,450	57,481	13	53	40,098	68	36,528
32	Saddlery and harness	8	148,120	7,500	2,750	5,500	132,370	12	20	11,200	126	53,257
33	Show cases	3	165,500	12,500	43,500	16,500	93,000	2	12	11,212	223	98,890
34	Tinsmithing, coppersmithing, and sheet-iron working.	10	62,951	5,800	4,800	11,850	40,501	10	6	5,100	70	39,424
35	Tobacco, cigars and cigarettes	24	43,692	6,200	4,100	1,350	32,042	23	1	750	57	22,395
36	Watch, clock, and jewelry repairing	9	6,717	------	------	2,515	4,202	8	------	------	7	4,556
37	All other industries[1]	62	2,349,308	109,106	245,361	996,942	997,899	56	126	115,760	1,534	500,304

[1] Embraces agricultural implements, 2; axle grease, 1; baking and yeast powders, 1; bluing, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 1; boxes, cigar, 2; boxes, fancy and paper, 1; boxes, wooden packing, 2; brass castings and brass finishing, 2; brooms and brushes, 2; carpets, rag, 2; carriage and wagon materials, 2; cars and general shop construction and repairs by steam railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; clothing, men's, factory product, 2; dyeing and cleaning, 1; electroplating, 2; enameling and enameled goods, 1; engraving and diesinking, 1; engraving, wood, 1; files, 1; flavoring extracts, 1; fruits and vegetables, canning and preserving, 1; gas, illuminating and heating, 1; hairwork, 1; hand stamps, 1; hardware, 1;

ROCKFORD.

1	All industries	450	$14,126,834	$2,431,596	$3,178,915	$3,788,303	$4,728,020	428	456	$422,547	6,620	$2,765,709
2	Agricultural implements	5	727,062	14,148	57,500	59,594	595,820	2	22	21,720	344	173,160
3	Bicycle and tricycle repairing	7	9,895	------	------	3,275	6,620	11	------	------	9	4,847
4	Blacksmithing and wheelwrighting	22	30,887	9,300	9,850	2,880	8,857	29	------	------	21	12,202
5	Boots and shoes, custom work and repairing.	20	3,875	600	100	1,905	1,270	18	------	------	10	4,780
6	Bottling	8	27,993	3,500	10,000	2,460	12,033	8	1	540	16	7,284

BY SPECIFIED INDUSTRIES: 1900—Continued.

PEORIA—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
148	$83,741					$10,115	$3,838	$544	$5,733		$161,968	$160,999	$969	$310,239	42
132	63,838	32	$7,718	5	$1,010	9,244	4,519	439	4,286		88,758	85,968	2,790	226,576	43
88	64,105	2	517			56,812	5,926	507	36,769	$13,610	70,405	67,679	2,726	316,856	44
105	57,162					9,953	1,625	551	7,777		125,460	124,052	1,408	243,850	45
72	34,587	1	311			6,680	3,593	819	2,268		104,685	104,151	534	196,061	46
123	59,024	18	4,200			16,009	6,414	1,023	8,572		148,269	146,853	1,416	316,900	47
183	115,735	47	15,573	10	1,298	48,376	4,442	831	43,103		117,417	116,624	793	357,138	48
23	14,567			1	100	3,440	2,818	62	560		13,981	13,768	213	49,330	49
31	13,094	3	778			13,132		706	12,426		68,864	68,174	690	120,235	50
1,513	714,292	187	45,802	19	2,071	341,676	23,446	36,565	281,665		5,638,859	5,347,284	291,575	8,134,297	51

tallow, 1; hairwork, 2; hand stamps, 2; ice, manufactured, 1; ironwork, architectural and ornamental, 2; liquors, vinous, 1; lock and gun smithing, 2; marble and stone work, 2; mattresses and spring beds, 1; models and patterns, 2; optical goods, 1; paints, 1; paper and wood pulp, 1; pickles, preserves, and sauces, 2; pottery, terra cotta, and fire-clay products, 1; regalia and society banners and emblems, 1; sewing machine repairing, 2; shirts, 2; slaughtering and meat packing, wholesale, 2; soap and candles, 1; steam fittings and heating apparatus, 1; taxidermy, 1; tools, not elsewhere specified, 1; trunks and valises, 1; vinegar and cider, 1.

QUINCY.

3,612	$1,757,955	771	$143,354	126	$17,143	$779,653	$75,957	$40,169	$629,149	$34,378	$4,952,797	$4,845,579	$107,218	$9,234,988	1
3	939					614	444	12	158		5,640	5,586	54	8,100	2
24	10,936			1	106	2,490	1,923	152	415		11,661	10,884	777	47,273	3
9	4,217					1,266	1,016	87	163		5,686	5,610	76	19,523	4
24	10,571	10	1,924			2,640	1,536	248	856		36,289	34,610	1,679	72,276	5
38	14,212			3	357	2,544	200	370	1,384	590	8,116	1,326	6,790	32,550	6
137	76,773	17	4,500	2	500	30,956	2,620	593	26,350	1,393	243,033	241,063	1,970	475,763	7
181	78,785	3	651			18,226	4,396	1,406	12,424		116,543	113,621	2,922	250,456	8
38	19,916					4,697	2,542	226	1,929		31,247	30,971	276	71,581	9
		62	10,618			2,627	2,404	44	179		19,008	18,770	238	44,905	10
40	14,952	36	5,940			9,137	3,960	277	4,900		111,126	108,236	2,890	159,902	11
10	3,275					334	70	64	200		6,814	6,814		14,224	12
36	18,605					9,507	540	1,676	7,291		315,239	310,672	4,567	368,218	13
945	516,872			2	488	156,436	3,796	7,991	142,249	2,400	577,314	565,505	11,809	1,614,563	14
15	7,169	3	1,092	1	160	2,272	1,814	[illegible]	350		7,202	7,029	173	26,854	15
41	17,443					2,919	600	273	2,046		23,278	22,504	774	54,127	16
94	51,196			7	1,600	202,238		7,073	195,165		104,871	93,644	11,227	398,143	17
				1	240	271	220	19	32		815	800	15	2,800	18
165	79,941			2	299	8,923	200	1,407	7,316		215,324	212,830	2,494	350,334	19
96	63,272					1,755	424	130	1,101	100	66,019	65,699	320	165,123	20
		62	11,865			8,098	4,997	350	2,751		91,540	91,276	264	151,611	21
26	12,124					8,062	378	682	7,002		13,190	12,677	513	42,357	22
3	1,670					493	360	78	55		15,734	15,707	27	22,672	23
78	39,496			1	120	2,087	1,492	178	417		20,786	20,746	40	79,376	24
3	1,188	1	312			4,409	660	22	3,727		4,199	4,174	25	16,882	25
49	18,946					2,206	610	80	1,516		41,321	41,321		74,276	26
3	1,340	1	130	1	104	4,007	2,568	35	1,404		5,018	4,950	68	21,051	27
8	4,546					197	20	39	138		4,520	4,520		13,550	28
20	11,750					2,665	1,020	65	1,580		12,318	12,293	25	33,616	29
84	35,739	25	4,695	13	1,524	6,598	3,642	297	2,609	50	51,631	49,905	1,726	135,461	30
59	35,586			9	942	41,438	3,664	354	15,575	21,845	38,842	37,223	1,619	207,282	31
125	52,997	1	260			25,178	5,346	1,185	18,647		163,885	163,045	840	287,680	32
208	96,500			15	2,390	10,642		1,018	9,624		142,238	139,238	3,000	292,353	33
70	39,424					4,287	2,404	326	1,557		44,005	43,280	725	94,131	34
49	21,495			8	900	15,047	3,336	388	11,323		29,534	29,354	180	86,014	35
7	4,556					1,304	1,152	56	96		1,822	1,675	147	12,950	36
924	391,524	550	101,367	60	7,413	183,083	15,603	12,860	146,620	8,000	2,366,989	2,318,021	48,968	3,487,011	37

ice, manufactured, 1; kaolin and other earth grinding, 1; lime and cement, 1; lumber and timber products, 1; marble and stone work, 1; mattresses and spring beds, 2; models and patterns, 1; paper and wood pulp, 1; perfumery and cosmetics, 2; photographic materials, 1; roofing and roofing materials, 2; ship and boat building, wooden, 1; shirts, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 1; tobacco, chewing, smoking, and snuff, 2; trunks and valises, 1; umbrellas and canes, 1; vinegar and cider, 1; window shades, 1; wirework, including wire rope and cable, 1.

ROCKFORD.

5,190	$2,433,307	1,200	$297,293	230	$35,109	$821,352	$77,486	$42,808	$636,920	$64,138	$6,928,941	$6,659,240	$269,701	$12,586,116	1
344	173,160					95,497	5,600	5,067	84,830		388,589	379,449	9,140	720,959	2
9	4,847					1,490	986	29	475		6,622	6,247	375	18,459	3
21	12,202					2,198	1,573	169	356	100	11,706	10,568	1,138	46,585	4
10	4,780					1,764	1,617	21	86	40	6,557	6,255	302	22,426	5
16	7,284					8,662	5,620	261	2,781		68,114	67,681	433	102,938	6

TABLE 8.—MANUFACTURES IN CITIES

ROCKFORD—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
7	Bread and other bakery products	8	$41,550	$5,450	$12,500	$8,400	$15,200	10	11	$4,602	83	$43,737
8	Brooms and brushes	3	15,200			7,250	7,950	1	1	1,500	9	4,620
9	Carpentering	26	35,419	4,450	4,650	5,022	21,297	33	1	500	115	62,317
10	Carriages and wagons	5	33,300	12,000	8,500	2,400	10,400	5			18	8,610
11	Clothing, men's, custom work and repairing.	19	25,499	800	350	2,675	21,674	17	8	4,162	42	17,833
12	Clothing, men's, factory product	4	161,324	4,000	8,000	7,334	141,990	1	21	18,610	164	50,148
13	Clothing, women's, dressmaking	27	17,918	4,500	7,500	2,170	3,748	28			60	17,021
14	Confectionery	4	2,155			1,625	530	6			1	510
15	Flouring and grist mill products	4	50,000	11,800	5,500	11,300	21,400	2	6	3,664	14	7,136
16	Foundry and machine shop products	17	1,108,332	59,163	137,460	201,644	710,065	11	38	39,467	678	309,087
17	Furniture, cabinetmaking, repairing, and upholstering.	6	6,850	800	1,500	745	3,805	6			7	4,762
18	Furniture, factory product	11	1,551,024	53,650	319,979	222,792	954,603		67	67,046	1,377	569,856
19	Hosiery and knit goods	4	1,214,079	26,900	135,387	437,850	613,942		24	40,920	1,246	357,366
20	Looking-glass and picture frames	5	9,410	2,500	1,000	525	5,385	5	22	6,700	15	4,000
21	Lumber, planing mill products, including sash, doors, and blinds.	3	35,855			13,441	22,414	3	4	4,500	47	22,192
22	Masonry, brick and stone	15	32,260	4,800	7,500	6,070	13,890	17	1	900	116	65,849
23	Millinery, custom work	14	26,763	1,000	2,078	513	23,172	16	1	425	49	9,894
24	Monuments and tombstones	7	23,405	6,000	3,000	1,680	12,725	7	2	1,380	9	6,175
25	Painting, house, sign, etc	26	30,142	1,000	400	3,995	24,747	27	2	1,500	83	47,031
26	Patent medicines and compounds	3	2,755			155	2,600	1	4	3,900	1	500
27	Paving and paving materials	6	14,875	3,850	2,270	6,975	1,780	6	1	600	38	19,124
28	Photography	10	16,065		400	5,290	10,375	11	1	300	9	3,625
29	Plastering and stuccowork	6	3,090	1,600	575	330	585	8			10	4,977
30	Plumbing, and gas and steam fitting	13	32,313	2,000	5,000	4,397	20,916	17	1	480	36	21,894
31	Printing and publishing, book and job	7	53,533	300	200	35,341	17,692	7	5	4,835	66	25,246
32	Printing and publishing, newspapers and periodicals.	6	79,209	3,000	2,000	60,675	13,534	2	14	13,274	61	41,068
33	Saddlery and harness	8	143,149	16,500	18,763	10,186	97,700	8	17	14,630	90	39,993
34	Tinsmithing, coppersmithing, and sheet-iron working.	18	31,755	1,100	2,600	10,930	17,125	21			48	27,224
35	Tobacco, cigars and cigarettes	4	3,163			115	3,048	4			4	1,864
36	Tools, not elsewhere specified	4	29,018	1,000	1,500	10,792	15,726	3	2	1,800	20	14,553
37	Watch, clock, and jewelry repairing	16	15,425	500	700	6,150	8,075	17			15	8,285
38	Woodenware, not elsewhere specified	3	142,554	21,000	48,050	24,044	49,460	1	3	2,900	80	36,573
39	All other industries[1]	76	8,339,733	2,154,385	2,364,103	2,605,378	1,215,867	59	176	161,692	1,601	710,866

[1] Embraces artificial limbs, 1; axle grease, 1; bicycles and tricycles, 1; bookbinding and blank book making, 2; boots and shoes, factory product, 2; boxes, fancy and paper, 1; brass castings and brass finishing, 2; carpets, rag, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by street railroad companies, 1; cheese and butter, urban dairy products, 1; cheese, butter, and condensed milk, factory product, 2; chemicals, 1; china decorating, 1; clothing, women's, factory product, 1; coffins, burial cases, and undertakers' goods, 1; cooperage, 1; druggists' preparations, not including prescriptions, 1; dyeing and cleaning, 2; engraving, wood, 2; fancy articles, not elsewhere specified, 1; flavoring extracts, 1; fruits and vegetables, canning and preserving, 1; fur goods, 1; furnishing goods, men's, 1; galvanizing, 1; gas, illuminating and heating, 1; gas and oil stoves, 1; glass, cutting, staining, and ornamenting, 1; gloves and mittens, 1;

SPRINGFIELD.

1	All industries	320	$5,030,438	$387,057	$839,902	$1,666,533	$2,136,946	368	235	$195,622	3,871	$1,730,891
2	Awnings, tents, and sails	3	15,010			1,106	13,904	3	1	650	18	5,972
3	Bicycle and tricycle repairing	5	3,825			1,750	2,075	6	1	156	10	3,224
4	Blacksmithing and wheelwrighting	24	19,107	7,600	2,600	2,015	6,892	25	1	450	33	15,643
5	Boots and shoes, custom work and repairing.	17	12,430	7,500	3,500	960	470	17	1	520	10	4,760
6	Bread and other bakery products	12	33,340	5,800	15,700	7,045	4,795	13	1	312	26	13,705
7	Carpentering	37	56,985	11,800	26,625	3,645	14,915	47	4	1,865	230	131,722
8	Carriages and wagons	5	50,385	11,000	12,885	1,800	24,700	9			30	12,590
9	Cars and general shop construction and repairs by steam railroad companies.	5	345,063	24,500	110,150	147,900	62,513		18	19,355	406	216,682
10	Clothing, men's, custom work and repairing.	13	48,745	2,877	4,378	1,165	40,325	14	4	2,200	56	32,320
11	Clothing, men's, factory product	3	16,138			3,939	12,199	4	4	2,860	39	9,801
12	Clothing, women's, dressmaking	6	1,045			555	490	6			31	4,880
13	Confectionery	3	1,700			950	750	3			7	1,270
14	Dyeing and cleaning	3	8,050	1,000	4,000	2,890	160	3			7	3,356
15	Foundry and machine shop products	6	245,656	13,000	51,976	46,000	134,680	7	9	6,224	178	93,217
16	Furniture, cabinetmaking, repairing, and upholstering.	3	120			50	70	3			2	640
17	Lumber, planing mill products, including sash, doors, and blinds.	4	138,983	16,900	21,400	18,585	82,098	5	4	2,660	90	56,442
18	Masonry, brick and stone	11	84,284	14,050	21,200	20,879	28,155	14	16	9,204	125	54,571
19	Millinery, custom work	9	34,734			534	34,200	13	11	3,500	66	23,176
20	Monuments and tombstones	3	41,500	2,000	11,000	6,500	22,000	2	1	1,200	26	15,820
21	Painting, house, sign, etc	20	35,360	2,250	7,000	3,035	23,075	25	3	1,800	85	52,382
22	Paving and paving materials	5	25,355			8,755	16,600	9			129	68,240
23	Photography	7	3,895			2,800	1,095	10			12	4,264
24	Plumbing, and gas and steam fitting	11	38,075	1,000	2,000	4,660	30,415	16	6	4,740	61	25,241

BY SPECIFIED INDUSTRIES: 1900—Continued.

ROCKFORD—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
78	$42,640	5	$1,097			$7,923	$3,884	$204	$3,835		$115,130	$111,349	$3,781	$198,175	7
4	2,720	5	1,900			3,156	526	51	2,579		4,372	4,163	209	16,840	8
115	62,317					46,380	975	231	1,584	$43,590	134,080	133,866	214	274,843	9
18	8,610					1,826	660	357	809		10,023	9,728	295	26,085	10
32	14,572	9	2,611	1	$150	4,008	2,813	67	860	268	27,828	27,292	536	68,212	11
30	12,318	133	37,830			50,146	1,874	548	47,724		126,234	125,466	768	270,247	12
		69	17,021			3,388	2,634	83	671		56,871	56,121	750	94,067	13
1	510					758	470	14	274		6,029	5,908	121	10,691	14
14	7,136					2,635	200	275	2,160		83,578	82,483	1,095	100,746	15
678	309,087					37,259	3,425	4,697	29,137		318,904	287,756	31,148	901,454	16
7	4,762					1,271	715	36	520		8,742	8,632	110	21,825	17
1,338	564,138			39	5,718	179,263		8,718	170,545		827,604	812,247	15,357	1,811,862	18
371	157,718	732	178,648	143	21,000	57,195	6,000	6,070	45,125		956,039	933,179	22,860	1,540,056	19
13	3,600	2	400			882	424	112	346		9,843	9,633	210	26,585	20
47	22,192					4,586	1,200	180	2,206	1,000	47,963	46,883	1,080	87,104	21
116	65,849					19,764	505	209	2,900	16,350	88,033	87,989	44	192,227	22
		49	9,894			5,774	4,430	191	1,153		37,047	36,714	333	74,457	23
9	6,175					2,992	762	126	1,654	450	38,484	38,345	139	60,099	24
83	47,031					4,728	1,854	146	2,728		32,777	32,576	201	106,520	25
1	500					2,015	344	10	1,661		2,753	2,673	80	9,900	26
38	19,124					878	48	51	779		18,737	18,243	494	52,437	27
7	3,025	2	600			3,157	1,640	66	1,001	450	8,738	8,385	353	27,025	28
10	4,977					797		12	485	300	4,297	4,297		14,077	29
36	21,894					4,343	1,781	210	2,052	300	52,249	51,818	431	98,953	30
52	22,511	12	2,501	2	234	3,956	1,822	102	1,632	400	26,942	26,277	665	72,356	31
61	41,068					12,051	2,551	334	8,306	860	15,871	14,010	1,861	125,547	32
71	35,521	16	3,780	3	692	5,341	376	675	4,290		127,448	126,020	1,428	215,878	33
48	27,224					3,529	2,631	194	704		32,459	32,020	439	79,772	34
4	1,864					3,010	648	27	2,335		4,904	4,772	132	14,704	35
20	14,553					1,864	275	186	1,403		3,873	2,963	910	30,775	36
15	8,285					3,454	2,728	92	634		5,221	4,872	349	27,230	37
78	36,209	1	208	1	156	3,903	56	902	2,945		101,513	99,924	1,589	159,135	38
1,395	662,904	165	40,803	41	7,159	229,509	14,039	12,085	203,355	30	3,112,767	2,942,436	170,331	4,864,865	39

glucose, 1; hairwork, 1; hand stamps, 1; hardware, 1; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; ironwork, architectural and ornamental, 1; lamps and reflectors, 1; leather, tanned, curried, and finished, 1; lime and cement, 1; liquors, malt, 1; lock and gun smithing, 1; marble and stone work, 2; mattresses and spring beds, 2; mineral and soda waters, 1; mirrors, 1; models and patterns, 2; paper and wood pulp, 2; paper hanging, 2; photographic materials, 1; plated and britannia ware, 1; roofing and roofing materials, 2; sewing machine cases, 1; sewing machines and attachments, 1; shirts, 2; slaughtering and meat packing, wholesale, 1; soap and candles, 1; steam fittings and heating apparatus, 1; tobacco, chewing, smoking, and snuff, 1; watches, 1; wirework, including wire rope and cable, 1; wood, turned and carved, 1; woolen goods, 1.

SPRINGFIELD.

3,367	$1,611,619	469	$113,945	35	$5,327	$631,823	$62,392	$25,410	$422,352	$121,669	$3,290,207	$3,175,004	$115,203	$6,612,286	1
12	4,286	6	1,686			2,514	1,500	69	885	60	9,439	9,315	124	24,450	2
8	2,944			2	280	1,093	930	22	141		5,093	4,895	198	13,650	3
31	15,342			2	301	3,417	2,846	118	453		12,419	11,671	748	59,720	4
9	4,560			1	200	2,332	1,983	133	216		9,073	8,839	234	23,195	5
25	13,509			1	196	3,624	2,616	262	746		53,255	51,846	1,409	92,363	6
229	131,617			1	105	116,072	1,980	663	1,620	111,809	274,501	273,800	701	599,668	7
30	12,590					2,786	1,605	534	647		13,998	13,168	830	37,566	8
406	216,682					26,070		3,361	22,709		185,243	179,541	5,702	447,350	9
43	28,130	12	4,065	1	125	7,084	4,902	272	1,910		30,466	30,046	420	95,383	10
7	2,262	32	7,539			2,738	500	65	2,173		32,630	32,207	423	55,445	11
		31	4,880			444	402	10	32		1,156	1,143	13	10,200	12
3	648	4	622			1,181	1,116	15	50		4,235	4,150	85	10,100	13
4	2,420	3	936			223	185	18	20		1,335	563	772	10,250	14
178	93,217					31,888	2,914	1,176	27,798		106,950	101,029	5,921	266,536	15
1	420	1	220			663	648	10	5		1,225	1,190	35	4,038	16
90	56,442					2,976	150	1,026	1,800		111,662	110,972	690	201,385	17
125	54,571					11,409	348	341	2,720	8,000	96,052	93,757	2,295	200,195	18
1	790	64	22,282	1	104	6,205	4,810	574	821		91,897	91,647	250	140,427	19
26	15,820					6,214	700	514	5,000		39,590	38,610	980	79,000	20
85	52,382					6,991	5,316	334	1,341		45,419	45,108	311	123,552	21
129	68,240					666	245	41	380		174,626	174,530	96	258,750	22
6	2,434	5	1,710	1	120	2,803	1,896	42	865		5,120	4,947	173	23,710	23
60	25,157			1	84	7,197	3,339	190	3,668		92,113	91,585	528	167,883	24

TABLE 8.—MANUFACTURES IN CITIES

SPRINGFIELD—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES AND CITIES AND TOWNS.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
25	Printing and publishing, book and job	9	$124,625	$8,200	$9,300	$75,100	$32,025	9	14	$11,030	118	$50,647
26	Printing and publishing, newspapers and periodicals.	4	108,718	----------	----------	61,380	47,338	2	30	23,270	123	64,644
27	Roofing and roofing materials	5	15,690	3,700	8,100	1,850	2,040	6	----------	----------	12	7,484
28	Saddlery and harness	8	26,475	9,500	4,900	1,400	10,675	11	1	360	18	13,440
29	Tinsmithing, coppersmithing, and sheet-iron working.	7	24,995	5,000	11,000	2,775	6,220	9	2	1,560	27	13,942
30	Tobacco, cigars and cigarettes	20	40,173	1,400	1,950	1,309	35,514	21	3	1,600	56	34,368
31	Watch, clock, and jewelry repairing	8	2,848	----------	----------	970	1,878	9	----------	----------	6	5,464
32	All other industries[1]	44	3,427,129	237,980	510,238	1,234,231	1,444,680	47	100	100,106	1,804	690,984

[1] Embraces agricultural implements, 1; bookbinding and blank book making, 2; boot and shoe uppers, 1; boxes, cigar, 1; brick and tile, 2; brooms and brushes, 2; cars and general shop construction and repairs by street railroad companies, 1; cheese and butter, urban dairy products, 1; electrical apparatus and supplies, 2; electrical construction and repairs, 1; flavoring extracts, 1; flouring and grist mill products, 1; food preparations, 1; gas, illuminating and heating, 1; hairwork, 1;

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and towns	5,139	$84,403,117	$5,665,917	$12,301,711	$18,350,864	$48,084,625	5,807	3,701	$3,776,055	51,120	$23,676,743
2	Alton	160	2,967,168	184,460	496,813	553,616	1,732,279	177	124	112,198	2,360	1,127,545
3	Batavia	37	2,020,528	225,942	311,218	350,765	1,132,603	36	89	91,470	838	364,812
4	Belleville	260	2,573,648	144,775	429,009	508,542	1,491,322	305	130	118,634	1,800	832,610
5	Belvidere	106	1,695,879	67,339	338,431	474,886	815,223	118	87	91,685	1,147	636,482
6	Braidwood	14	12,455	675	2,600	5,725	3,455	14	----------	----------	11	4,936
7	Cairo	125	2,346,403	538,550	312,108	600,325	895,420	126	122	99,104	1,621	592,535
8	Canton	72	4,713,448	210,062	229,632	260,585	4,013,169	88	86	73,531	1,162	462,011
9	Carmi	35	115,166	13,300	17,200	31,731	52,935	42	3	1,120	98	36,463
10	Centralia	66	624,385	42,255	112,850	187,875	281,405	75	29	29,754	636	243,628
11	Champaign	122	510,371	64,695	70,750	186,505	188,421	139	34	27,080	515	234,461
12	Chicago Heights	67	2,866,541	160,950	420,181	770,933	1,514,477	60	159	208,607	1,529	790,645
13	Clinton	23	125,072	14,190	44,000	23,395	43,487	26	15	12,246	190	95,067
14	Collinsville	51	408,614	16,850	114,087	129,116	148,561	57	19	22,235	344	150,604
15	Danville	174	1,585,156	107,220	356,158	454,565	667,213	209	53	50,238	1,257	598,624
16	Dekalb	83	2,008,462	80,904	245,914	564,975	1,116,669	95	59	52,692	1,064	491,094
17	Dixon	111	4,801,007	161,300	673,208	831,307	3,135,192	129	143	178,574	2,778	1,426,275
18	Duquoin	48	279,945	15,400	53,850	112,445	98,250	50	21	13,750	104	44,177
19	Edwardsville	59	187,414	22,540	31,259	50,040	83,575	62	8	7,500	147	70,610
20	Evanston	126	1,564,305	161,750	189,050	727,887	485,618	150	44	35,187	775	430,529
21	Freeport	167	2,262,630	165,450	391,090	427,511	1,278,579	214	154	128,835	1,679	748,493
22	Galena	91	390,171	22,565	74,948	95,601	197,057	112	41	28,874	276	89,751
23	Galesburg	177	1,499,216	179,685	309,775	505,293	504,463	214	123	100,326	1,478	719,605
24	Harvey	55	2,582,255	170,886	411,361	621,275	1,378,733	58	190	180,602	1,581	714,940
25	Hillsboro	27	75,900	12,450	29,900	17,465	16,085	32	2	920	53	17,788
26	Jacksonville	174	1,505,725	73,000	257,516	367,895	807,314	221	138	109,895	1,436	596,189
27	Kankakee	125	900,739	165,232	178,968	201,044	355,495	152	31	38,136	893	377,863
28	Kewanee	89	2,190,263	89,751	309,257	540,966	1,250,289	92	135	136,932	2,696	1,070,196
29	Lasalle	81	2,095,850	122,531	365,983	830,317	777,019	83	68	177,736	1,057	524,261
30	Lemont	44	390,308	93,560	46,595	112,480	137,673	47	27	26,462	260	103,597
31	Lincoln	88	470,892	29,500	75,431	133,975	231,986	116	36	18,647	323	140,597
32	Litchfield	54	303,967	28,411	81,496	119,250	74,810	65	11	8,750	216	95,558
33	Lockport	41	634,098	34,475	117,700	283,289	198,634	37	24	31,200	255	113,464
34	Macomb	73	425,871	42,790	108,809	103,804	170,468	85	32	22,142	364	142,474
35	Mattoon	138	549,525	50,645	102,610	197,337	198,933	163	41	23,072	866	386,980
36	Metropolis	44	259,481	12,380	44,900	79,370	122,831	48	9	8,892	243	86,442
37	Moline	157	11,165,701	594,496	881,600	1,415,632	8,273,973	146	353	385,237	4,438	2,289,722
38	Monmouth	101	1,076,184	66,097	227,712	194,813	587,562	108	73	67,183	817	336,279
39	Morris	103	848,765	23,750	131,758	149,523	543,734	120	27	50,169	521	162,672
40	Mt. Carmel	52	249,527	22,275	57,175	75,760	94,317	62	5	3,681	213	83,506
41	Mt. Vernon	45	409,489	8,240	69,225	139,876	192,148	46	15	18,304	384	169,898
42	Murphysboro	61	504,139	33,900	134,625	159,855	175,759	69	25	25,333	392	176,925
43	Normal	21	170,695	6,350	21,890	22,105	120,350	27	7	6,800	124	45,167
44	Ottawa	120	2,783,357	118,960	450,710	434,668	1,779,019	137	113	122,290	1,233	523,599
45	Pana	66	142,543	25,935	34,260	34,334	48,014	78	6	1,542	106	38,788
46	Paris	107	466,252	55,840	97,010	155,229	158,173	127	39	30,722	420	164,745
47	Pekin	118	2,431,244	94,890	289,295	749,599	1,297,460	124	69	83,376	787	384,654
48	Peru	49	2,277,845	99,564	436,847	651,832	1,089,602	51	72	99,298	1,164	541,197
49	Pontiac	52	367,061	17,900	59,640	58,205	231,316	55	39	47,580	437	156,793
50	Rock Falls	31	1,073,552	140,075	215,869	156,289	561,319	29	72	72,570	448	197,779
51	Rock Island	181	4,990,336	256,925	562,278	552,414	3,618,719	201	207	203,432	2,386	1,229,044
52	Sandwich	29	907,994	45,302	72,229	73,388	717,075	30	62	62,353	278	153,934
53	Shelbyville	50	96,294	9,990	13,185	31,495	41,624	75	2	250	102	30,054
54	Spring Valley	32	42,741	5,400	11,825	10,939	14,577	36	2	1,082	57	29,439
55	Sterling	118	1,065,177	104,811	173,728	216,815	569,823	128	55	62,172	704	290,434
56	Streator	131	1,050,999	107,224	305,936	208,021	429,818	137	44	45,149	1,564	772,187
57	Sycamore	82	503,733	32,250	87,482	132,843	251,158	91	27	26,340	425	202,774
58	Taylorville	60	229,598	24,995	39,825	89,004	75,774	69	7	4,757	140	54,316
59	Urbana	54	463,115	40,000	160,550	138,361	124,204	58	33	24,913	538	260,145
60	Waukegan	102	3,143,918	204,280	412,400	1,037,774	1,489,464	106	60	64,496	1,390	771,386

BY SPECIFIED INDUSTRIES: 1900—Continued.

SPRINGFIELD—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
100	$46,784	13	$3,187	5	$676	$10,646	$4,330	$610	$5,706	----------	$34,076	$31,714	$2,362	$129,602	25
115	63,020	8	1,624	-------	----------	29,111	3,357	372	24,582	$800	36,033	32,666	3,367	180,720	26
12	7,484	-------	----------	-------	----------	778	601	122	55	----------	18,340	18,213	127	32,321	27
18	13,440	-------	----------	-------	----------	2,221	1,240	370	611	----------	23,559	23,405	154	58,382	28
27	13,942	-------	----------	-------	----------	1,771	500	74	1,197	----------	21,446	21,111	335	48,774	29
73	32,546	-------	----------	13	1,822	21,366	5,076	303	15,987	----------	43,057	42,836	221	124,025	30
6	5,464	-------	----------	-------	----------	1,485	1,260	26	199	----------	2,918	2,918	----------	14,326	31
1,508	624,476	290	65,194	6	1,314	317,855	5,097	13,743	298,015	1,000	1,713,281	1,627,582	85,699	3,079,320	32

ice, manufactured, 1; iron and steel, 1; lime and cement, 1; liquors, malt, 1; lock and gun smithing, 2; looking glass and picture frames, 2; mattresses and spring beds, 1; mineral and soda waters, 2; paper hanging, 1; patent medicines and compounds, 2; plastering and stuccowork, 2; shirts, 1; shoddy, 1; slaughtering, wholesale, not including meat packing, 1; soap and candles, 1; trunks and valises, 2; watch and clock materials, 1; watches, 1; woolen goods, 1.

TOWNS UNDER 20,000 IN POPULATION: 1900.

45,452	$22,202,929	4,205	$1,211,810	1,463	$262,004	$16,054,944	$567,082	$332,286	$14,364,958	$790,618	$58,884,698	$56,882,411	$2,002,287	$118,033,195	1
1,996	1,060,369	125	24,209	239	42,967	258,922	16,601	12,686	228,203	1,432	2,654,463	2,554,238	100,225	4,633,035	2
779	351,390	59	13,422	-------	----------	79,459	3,518	10,369	65,372	200	1,091,220	1,078,905	12,315	1,868,989	3
1,594	782,033	92	14,061	114	36,516	916,492	15,893	10,857	737,015	152,727	1,293,228	1,240,864	52,364	3,766,988	4
1,070	620,666	73	15,416	4	400	118,168	11,481	6,331	84,994	15,362	928,730	919,132	9,598	2,036,734	5
8	4,468	-------	----------	3	468	1,096	468	91	537	----------	12,939	12,321	618	28,322	6
1,486	569,901	31	8,239	104	14,395	199,109	23,422	11,421	151,320	12,946	2,119,681	2,098,479	21,202	3,466,015	7
1,003	419,496	152	42,037	7	478	161,660	13,237	5,977	141,346	1,100	671,217	649,332	21,885	1,806,640	8
92	34,998	6	1,465	-------	----------	9,406	1,780	968	6,612	46	81,977	79,070	2,907	169,171	9
510	226,532	125	16,976	1	120	23,137	5,119	2,872	15,126	20	637,728	627,348	10,380	1,081,230	10
425	215,122	79	18,692	11	647	60,736	15,085	3,317	16,546	25,788	372,801	364,165	8,636	867,995	11
1,491	779,560	26	8,441	12	2,644	194,949	6,010	5,921	146,731	36,287	2,063,722	1,970,767	92,955	3,902,338	12
186	93,967	4	1,100	-------	----------	4,984	1,590	999	2,395	----------	157,009	154,114	2,895	301,156	13
332	147,935	2	480	10	2,189	15,005	3,078	2,050	9,877	----------	576,819	547,309	29,510	812,278	14
1,072	558,238	162	37,946	23	2,440	97,207	24,635	8,341	51,635	12,596	1,433,006	1,400,913	32,093	2,616,515	15
957	462,932	79	21,252	28	6,910	164,038	7,906	6,858	147,047	2,227	2,579,378	2,505,748	73,630	3,858,416	16
2,021	1,062,206	700	354,678	57	9,391	262,491	13,396	7,459	198,250	43,386	3,447,640	3,411,917	35,723	5,624,709	17
91	41,795	9	1,732	4	650	36,902	3,538	1,293	7,071	25,000	198,124	195,497	2,627	359,058	18
141	69,588	6	1,022	-------	----------	12,005	5,289	1,179	5,537	----------	285,305	280,710	4,595	457,466	19
718	411,476	49	17,819	8	1,234	91,894	34,580	5,517	47,927	3,870	750,894	707,702	43,192	1,831,501	20
1,570	720,341	106	27,804	3	348	298,972	33,396	9,926	207,854	47,796	1,575,780	1,532,293	43,487	3,348,448	21
217	80,064	51	8,762	8	925	50,216	4,881	1,283	43,441	611	219,460	211,292	8,168	462,700	22
1,386	695,850	86	22,905	6	850	96,191	33,434	9,553	46,838	6,366	884,119	858,531	25,588	2,170,557	23
1,388	666,784	119	30,685	74	17,471	132,428	3,958	6,138	118,332	4,000	1,318,415	1,268,786	49,629	2,812,592	24
44	15,888	9	1,900	-------	----------	5,367	1,335	465	3,067	500	45,994	41,735	4,259	101,429	25
1,140	532,366	254	59,030	42	4,793	179,043	22,001	7,919	95,586	53,537	1,183,693	1,159,575	24,118	2,385,547	26
792	353,154	86	22,293	15	2,416	90,126	17,381	5,840	60,518	6,387	578,303	559,098	19,205	1,334,702	27
2,364	986,922	205	54,769	127	28,505	84,077	10,060	6,560	66,697	760	2,895,801	2,697,661	198,140	4,468,251	28
991	511,209	43	8,835	23	4,217	79,012	8,326	10,437	54,279	6,000	2,509,284	2,355,178	154,106	3,563,947	29
162	82,929	71	17,502	27	3,166	44,033	3,041	3,416	31,126	6,450	89,358	83,507	5,851	324,162	30
279	129,305	40	10,740	4	552	48,197	11,211	3,246	26,780	6,960	287,892	278,693	9,199	642,375	31
192	89,371	16	4,807	8	1,380	18,845	4,697	1,553	12,345	250	99,024	94,757	4,267	292,278	32
240	110,147	12	2,549	3	768	37,053	3,755	2,117	27,141	4,040	1,168,118	1,149,829	18,289	1,434,046	33
314	132,230	29	6,936	21	3,308	28,417	8,231	2,236	13,450	4,500	165,899	136,083	29,816	465,453	34
775	367,960	83	17,923	8	1,097	80,556	12,145	5,133	18,238	45,040	550,616	533,860	16,756	1,232,821	35
176	73,173	25	6,193	42	7,076	16,100	2,658	1,571	11,341	530	241,357	237,043	4,314	451,325	36
4,318	2,257,951	67	23,173	53	8,598	534,861	17,643	50,443	423,908	42,867	4,922,344	4,749,646	172,698	10,000,282	37
750	365,947	56	18,982	11	1,350	60,020	10,192	3,764	45,864	200	664,843	609,928	54,915	1,483,535	38
454	150,071	29	8,060	38	4,541	126,896	7,181	3,038	108,830	7,847	729,675	714,321	15,354	1,273,095	39
206	82,191	6	1,240	1	75	9,460	2,347	1,462	4,801	850	131,125	127,183	3,942	285,066	40
358	164,432	16	3,546	10	1,920	17,787	2,833	1,181	13,593	180	976,524	973,043	3,481	1,249,744	41
353	168,229	15	4,600	24	4,096	92,474	6,038	3,258	82,578	600	455,635	447,484	8,151	896,741	42
91	39,168	32	5,894	1	105	76,378	1,607	254	21,088	53,429	191,753	189,327	2,426	349,255	43
1,061	488,033	165	34,627	7	939	148,491	15,054	8,701	123,090	1,646	855,034	808,217	46,817	2,042,148	44
91	36,086	13	2,538	2	164	14,354	4,177	969	6,058	3,150	93,381	90,189	3,192	204,018	45
371	154,913	39	8,548	10	1,284	32,150	8,391	2,666	11,313	9,780	569,131	560,762	8,369	979,075	46
764	379,602	21	4,652	2	400	9,458,651	10,262	6,449	9,416,076	25,864	1,929,943	1,869,289	60,654	12,268,021	47
1,047	505,103	89	30,445	28	5,649	274,244	3,093	8,202	247,909	15,040	1,787,073	1,681,171	105,902	3,114,759	48
314	121,817	108	32,968	15	2,008	27,878	5,864	2,292	14,722	5,000	446,827	441,931	4,896	770,048	49
428	193,346	15	3,733	5	700	81,945	7,498	4,433	70,014	----------	581,826	553,628	28,198	1,087,775	50
2,239	1,193,425	131	31,869	16	3,750	419,346	25,004	23,342	317,243	53,757	3,056,734	3,016,422	40,312	5,538,352	51
275	153,034	3	900	-------	----------	106,961	2,171	2,710	102,080	----------	322,000	288,405	33,595	699,085	52
85	27,403	12	2,264	5	387	8,574	3,806	810	3,036	922	106,199	104,262	1,937	203,717	53
50	28,041	4	1,048	3	350	3,817	1,716	319	1,782	----------	59,572	59,090	482	127,804	54
638	275,269	62	14,434	4	731	102,855	11,442	5,659	70,276	15,478	991,892	967,516	24,376	1,733,144	55
1,276	716,433	106	30,963	182	24,791	114,894	11,124	7,473	87,397	8,900	578,128	518,945	59,183	1,761,143	56
381	191,730	43	10,844	1	200	39,444	4,811	1,975	25,658	7,000	776,875	766,986	9,889	1,367,655	57
123	50,258	14	3,717	3	341	15,028	4,033	1,255	9,615	125	149,734	147,174	2,560	281,762	58
516	255,187	18	4,150	4	808	22,480	4,127	2,889	14,880	584	349,263	333,373	15,890	728,502	59
1,261	744,895	127	25,995	2	496	269,633	9,532	6,843	242,573	10,685	2,990,193	2,867,667	122,526	4,609,190	60

INDIANA.

Table 1 shows the manufacturing and mechanical industries of the state of Indiana as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	18,015	12,354	11,198	11,847	5,323	4,392	45.8	10.3	[1]5.5	122.5	21.2
Capital	$234,481,528	$131,605,366	$65,742,962	$52,052,425	$18,451,121	$7,750,402	78.2	100.2	26.3	182.1	138.1
Salaried officials, clerks, etc., number	11,282	[2]13,759	(3)	(3)	(3)	(3)	[1]18.0	-------	-------	-------	-------
Salaries	$10,526,293	[2]$9,172,718	(3)	(3)	(3)	(3)	14.8	-------	-------	-------	-------
Wage-earners, average number	155,956	110,590	69,508	58,852	21,295	14,440	41.0	59.1	18.1	176.4	47.5
Total wages	$66,847,317	$42,577,258	$21,960,888	$18,366,780	$6,318,335	$3,728,844	57.0	93.9	19.6	190.7	69.4
Men, 16 years and over	133,009	94,960	62,072	54,412	20,563	13,748	40.1	53.0	14.1	164.6	49.6
Wages	$62,054,517	$39,730,049	(3)	(3)	(3)	(3)	56.2	-------	-------	-------	-------
Women, 16 years and over	19,266	12,315	3,615	2,272	732	692	56.4	240.7	59.1	210.4	5.8
Wages	$4,181,375	$2,438,287	(3)	(3)	(3)	(3)	71.5	-------	-------	-------	-------
Children, under 16 years	3,681	3,315	3,821	2,168	(3)	(3)	11.0	[1]13.2	76.2	-------	-------
Wages	$611,425	$408,922	(3)	(3)	(3)	(3)	49.5	-------	-------	-------	-------
Miscellaneous expenses	$33,052,160	$16,500,903	(4)	(4)	(4)	(4)	100.3	-------	-------	-------	-------
Cost of materials used	$214,961,610	$130,119,106	$100,262,917	$63,135,492	$27,142,597	$10,369,700	65.2	29.8	58.8	132.6	161.7
Value of products, including custom work and repairing	$378,120,140	$226,825,082	$148,006,411	$108,617,278	$42,803,469	$18,725,423	66.7	53.3	36.3	153.8	128.6
Total population	2,516,462	2,192,404	1,978,301	1,680,637	1,350,428	988,416	14.8	10.8	17.7	24.5	36.6
Wage-earners engaged in manufactures	155,956	110,590	69,508	58,852	21,295	14,440	41.0	59.1	18.1	176.4	47.5
Per cent of total population	6.2	5.0	3.5	3.5	1.6	1.5	-------	-------	-------	-------	-------
Assessed value of real estate	[5]$534,253,163	$554,900,734	$538,683,239	$460,120,974	$291,829,992	$112,947,740	[1]3.7	3.0	17.1	57.7	158.4
Value of land and buildings invested in manufactures [6]	$58,046,838	$31,579,846	(3)	(3)	(3)	(3)	83.8	-------	-------	-------	-------
Per cent of assessed value	10.9	5.7	-------	-------	-------	-------	-------	-------	-------	-------	-------

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[3] Not reported separately.
[4] Not reported.
[5] True value of land and improvements, as given in the proceedings of the Indiana State Board of Tax Commissioners, for the year 1899, page 243.
[6] Does not include value of rented property.

Table 1 shows that there has been a large growth in the manufacturing and mechanical industries of Indiana during the half century. The population during these years increased from 988,416 to 2,516,462, or 154.6 per cent, while the average number of wage-earners employed in manufacturing establishments increased from 14,440 to 155,956, or 980 per cent, embracing, in 1900, 6.2 per cent of the entire population, compared with 1.5 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 216,925, or 8.6 per cent of the total population of the state. The greatest absolute increase, $151,295,058, in the value of products is shown for the decade ending with 1900.

Indiana was noted twenty years ago for its agricultural products, for its cattle and hogs, and for its large timbered areas. While the state still ranks high in these respects, in manufactures it has reached even greater prominence than it attained in 1890. The state is environed with large cities, brought into close contact by numerous railways touching and crossing every section, and affording extensive market facilities for the products of manufactures, agriculture, mines, and quarries. Navigable waterways add to these facilities. Prominent among the causes of Indiana's progress in manufactures are the utilization and development of excellent natural resources, including natural gas and petroleum, forests of excellent timber, extensive coal fields, oölitic limestone, kaolin and other clays, and building stone.

The factory system began developing in Indiana prior to 1850, and its growth has been concurrent with railway building and the increasing transportation facilities incident thereto. Prior to the extension of the railway system of the state, the manufacturing industries were dependent mainly upon the few navigable waterways for transporting both the raw materials and the surplus products to market. Hence, the factory system began its growth along these natural channels of commerce, and its growth with railway extension is a part of the interesting history of the state's industries, illustrating the interdependence of manufactures and commerce.

The first output of natural gas in Indiana is officially recorded as of the year 1886; in 1899 a greater quantity was produced than in any other state.[1] The natural gas area is in a narrow strip of territory in the central portion of the eastern part of the state, extending over several counties, beginning with Jay county, on the Ohio border, and ending with Clinton and Boone counties, just north of the city of Indianapolis. Many manufacturers have been attracted to this region by the cheap and excellent fuel offered. Consequently the cities of the gas belt, and many surrounding it, show a remarkable growth. The manufactures of two of these cities, Anderson and Muncie, are shown at the present census, for the first time, by specified industries. The discovery of natural gas in Indiana was followed by the discovery of petroleum, in the production of which, in 1899, the state ranked fourth.[2] In coal production, in 1899, it was sixth.[3]

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for educational and eleemosynary institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

[1] United States Geological Survey: Mineral Resources, 1899, Nonmetallic Products, except Coal and Coke, page 306.

[2] Ibid., page 9.

[3] United States Geological Survey: Metallic Products, Coal, and Coke, page 338.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	23,567	$235,840,093	25,946	157,856	$66,959,749	$33,135,243	$215,349,924	$86,020,617	$120,487,894	$8,841,383	$379,409,340
Hand trades[1]	7,852	8,184,522	9,024	14,436	6,435,404	2,199,577	12,638,553	149,451	12,170,572	318,530	29,329,872
Educational and eleemosynary institutions	8	77,145		74	29,263	581	47,210	345	44,324	2,541	103,807
Establishments with a product of less than $500	5,544	1,281,420	5,624	1,826	83,169	82,502	341,104	38,719	299,644	2,741	1,185,393
All other establishments	10,163	226,297,006	11,298	141,520	60,411,913	30,852,583	202,323,057	85,832,132	107,973,354	8,517,571	348,790,268

[1] Includes bicycle and tricycle repairing, 279; blacksmithing and wheelwrighting, 2,368; boots and shoes, custom work and repairing, 651; carpentering, 807; clothing, men's, custom work and repairing, 662; clothing, women's, dressmaking, 288; dyeing and cleaning, 61; furniture, cabinetmaking, repairing, and upholstering, 159; lock and gun smithing, 57; masonry, brick and stone, 243; millinery, custom work, 854; painting, house, sign, etc., 424; paper hanging, 67; plastering and stuccowork, 149; plumbing, and gas and steam fitting, 326; sewing machine repairing, 8; taxidermy, 2; typewriter repairing, 2; watch, clock, and jewelry repairing, 445.

Of the 23,567 establishments of all classes shown in this table, 13,396, or 56.8 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $30,515,265, or only 8 per cent of the total value of the products of the state.

In addition to the 23,567 active establishments in the state during the census year, with a capital of $235,840,093, shown in Table 2, there were 170 idle establishments, with a capital of $4,048,806, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Bags, paper	1	$55,000	Iron and steel	4	$1,375,000
Bicycles and tricycles	1	12,000	Lime and cement	5	60,385
Brick and tile	18	105,054	Liquors, distilled	1	60,000
Carriages and wagons	6	29,025	Liquors, malt	1	35,000
Coffee and spice, roasting and grinding	1	12,000	Lumber and timber products	29	65,302
Coffins, burial cases, and undertakers' goods	1	73,000	Lumber, planing mill products, including sash, doors, and blinds	5	19,750
Flouring and grist mill products	21	158,885	Marble and stone work	7	82,600
Foundry and machine shop products	2	13,230	Paving and paving materials	4	40,185
Fruits and vegetables, canning and preserving	2	19,375	Starch	4	1,457,786
Glass	7	121,035	Woolen goods	6	123,650
Glass, cutting, staining, and ornamenting	1	20,000	All other industries	41	64,144
Ice, manufactured	2	46,400			

TABLE 3.—COMPARATIVE SUMMARY OF NINETEEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	5,441	$154,984,124	98,470	$43,632,986	$24,650,586	$143,486,919	$247,207,994
	1890	4,920	99,816,458	75,564	28,841,521	13,088,473	100,354,317	165,736,153
Increase, 1890 to 1900		521	55,167,666	22,906	14,791,465	11,562,113	43,132,602	81,471,841
Per cent of increase		10.6	55.3	30.3	51.3	88.3	43.0	49.2
Per cent of total of all industries in state	1900	30.2	66.1	63.1	65.3	74.6	66.8	65.4
	1890	39.8	75.8	68.3	67.7	79.3	77.1	73.1
Agricultural implements	1900	45	8,324,564	3,419	1,593,881	596,463	2,619,621	6,415,081
	1890	51	6,842,456	3,078	1,441,416	629,381	2,306,390	5,756,131
Carriage and wagon materials	1900	61	2,133,832	2,289	797,663	155,375	1,595,741	3,149,588
	1890	38	1,626,476	1,856	637,132	100,748	1,137,132	2,282,810
Carriages and wagons	1900	275	17,718,489	6,490	2,756,780	674,971	6,986,043	12,742,243
	1890	394	10,458,432	4,508	1,901,222	520,414	3,671,302	8,248,873
Cars and general shop construction and repairs by steam railroad companies.	1900	54	4,730,231	8,081	4,325,101	171,355	5,454,676	10,242,422
	1890	48	3,929,805	6,613	3,274,288	----------	3,904,281	7,289,382
Cars, steam railroad, not including operations of railroad companies.	1900	4	6,062,000	3,337	1,550,764	224,009	6,287,256	9,006,577
	1890	4	5,199,706	3,310	1,536,141	150,782	4,924,342	7,073,329
Clay products: Total	1900	607	6,030,738	4,859	1,726,782	241,275	864,642	4,222,529
	1890	784	3,447,764	5,926	1,269,834	193,682	514,651	3,142,454
Brick and tile	1900	558	4,505,080	3,609	1,195,540	161,722	552,447	2,931,211
	1890	764	3,181,744	5,599	1,135,457	175,084	449,195	2,829,033
Pottery, terra cotta, and fire-clay products	1900	49	1,525,658	1,250	531,242	79,553	312,195	1,291,318
	1890	20	266,020	327	134,377	18,598	65,456	313,421
Clothing, men's, factory product	1900	31	1,691,177	2,908	634,751	101,495	2,005,942	3,367,831
	1890	22	1,115,219	1,874	448,108	120,830	1,611,258	2,570,179
Flouring and grist mill products	1900	897	10,734,544	2,124	1,010,877	570,830	25,664,120	30,150,766
	1890	723	10,022,173	2,785	1,086,214	723,134	26,603,127	31,239,627
Foundry and machine shop products	1900	337	14,820,001	10,339	4,616,775	1,095,758	8,326,352	17,228,096
	1890	206	9,163,357	5,904	2,764,243	490,140	4,018,760	9,542,499
Furniture, factory product	1900	129	7,666,064	7,149	2,539,888	535,938	4,032,043	8,769,509
	1890	131	5,807,592	6,096	2,422,235	489,262	3,265,139	7,662,650
Glass	1900	110	12,775,389	13,015	7,226,047	690,165	4,582,141	14,757,883
	1890	21	3,556,563	3,010	1,469,149	360,384	865,374	2,995,409
Iron and steel	1900	27	14,994,210	7,579	4,243,831	376,844	12,438,754	19,338,481
	1890	15	3,149,095	2,648	1,151,148	180,287	3,075,056	4,742,760
Liquors: Total	1900	66	7,673,897	1,281	713,687	16,874,740	3,056,944	22,738,105
	1890	54	6,215,855	1,032	577,416	5,925,024	1,855,113	9,677,973
Liquors, distilled	1900	24	1,325,900	236	112,049	14,340,455	1,929,865	16,961,058
	1890	17	1,626,825	167	61,109	4,721,785	711,111	5,840,129
Liquors, malt	1900	42	6,347,997	1,045	601,638	2,534,285	1,127,079	5,777,047
	1890	37	4,589,030	865	516,307	1,203,239	1,144,002	8,837,844
Lumber and timber products	1900	1,849	10,947,574	9,503	3,608,932	469,306	11,316,001	20,613,724
	1890	1,633	11,387,470	15,021	4,356,196	629,112	10,627,901	20,278,023
Lumber, planing mill products, including sash, doors, and blinds	1900	205	3,394,054	2,115	879,544	259,818	2,957,266	5,088,669
	1890	178	3,186,467	2,122	1,003,374	165,950	2,722,702	4,787,974
Paper and wood pulp	1900	39	5,379,227	1,816	723,972	226,156	2,470,623	4,170,497
	1890	29	1,513,275	805	340,045	134,032	873,320	1,776,016
Printing and publishing, newspapers and periodicals	1900	638	4,792,139	4,084	1,784,059	577,187	1,442,214	6,093,191
	1890	505	2,506,675	2,628	1,143,383	540,595	774,429	3,589,513
Slaughtering: Total	1900	36	8,860,284	3,597	1,565,752	530,956	38,608,841	43,862,273
	1890	21	5,346,255	2,107	1,018,104	1,358,233	24,425,470	27,913,840
Slaughtering and meat packing, wholesale	1900	25	8,658,034	3,550	1,537,024	522,069	37,760,871	42,891,243
	1890	12	1,694,280	1,110	475,223	150,369	5,878,918	6,924,801
Slaughtering, wholesale, not including meat packing	1900	11	202,250	47	28,728	8,887	847,970	971,030
	1890	9	3,651,975	997	542,881	1,207,864	18,546,552	20,989,039
Textiles: Total	1900	31	6,255,710	4,485	1,333,900	277,945	2,777,699	5,250,529
	1890	60	5,341,823	4,241	1,001,873	376,483	3,178,570	5,166,711
Cotton goods	1900	4	1,678,141	1,421	323,949	71,648	700,557	1,335,007
	1890	6	1,744,720	1,309	310,342	73,941	919,566	1,350,425
Hosiery and knit goods	1900	7	2,728,306	2,016	703,129	108,442	1,200,483	2,424,304
	1890	9	716,989	935	177,798	70,437	408.195	827,104
Woolen goods	1900	20	1,849,263	1,048	306,822	97,855	876,659	1,491,218
	1890	45	2,880,114	1,997	513,733	232,105	1,850,809	2,989,182

The 19 leading industries of the state in 1900, as shown in Table 3, embraced 5,441 establishments, or 30.2 per cent of the total number in the state; used a capital of $154,984,124, or 66.1 per cent of the total; gave employment to 98,470 wage-earners, or 63.1 per cent of the total number; and paid $43,632,986, or 65.3 per cent of the total wages. The value of their products was $247,207,994, or 65.4 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

Table 3 shows that slaughtering and meat packing is the most important industry in the state. The 36 establishments reported in 1900 gave employment to 3,597 wage-earners, or 2.3 per cent of the wage-earners employed in the state, and the products were valued at $43,862,273, or 11.6 per cent of the total value of the products of the state. In 1890 there were 21 establishments, 2,107 wage-earners, and products valued at $27,913,840. The increase in the value of products during the decade was $15,948,433, or 57.1 per cent. The city of Hammond, in the northwestern corner of the state, within a short distance of Chicago, is the leading slaughtering and meat packing center of Indiana. Indianapolis is next in importance, and still ranks among the chief meat packing centers of the West. Fort Wayne also does considerable meat packing. This industry owes its increasing prosperity in Indiana largely to the geographical position, excellent transportation facilities, and large corn production of the state. In 1899 Indiana raised 141,852,594 bushels of corn,[1] being sixth in rank, in this regard, in the United States. Hogs from other corn states are brought in large numbers to the Indiana slaughtering centers.

The manufacture of flouring and grist mill products ranks second among the industries of the state, with 897 establishments, 2,124 wage-earners, and products valued at $30,150,766. In 1890 there were 723 establishments, 2,785 wage-earners, and products valued at $31,239,627. The decrease in the value of products during the decade was $1,088,861, or 3.5 per cent. While there was a short wheat crop in Indiana in 1899, the falling off in the value of flouring and grist mill products is sufficiently explained by a reduction of prices. Larger quantities of wheat flour, buckwheat flour, corn meal, and hominy were milled than in 1890.

There were 66 establishments engaged in the manufacture of liquors, the industry third in rank, with 1,281 wage-earners, and products valued at $22,738,105. In 1890 there were 54 establishments, 1,032 wage-earners, and products valued at $9,677,973. The increase in the value of products during the decade was $13,060,132, or 134.9 per cent. A great part of the increase in this industry is shown in the manufacture of distillates, in which corn, raised largely in Indiana, is used. There is also a concentration of distilling interests at Terre Haute.

There were 1,849 establishments engaged in the manufacture of lumber and timber products in 1900, with 9,503 wage-earners, and products valued at $20,613,724. In 1890 there were 1,633 establishments, 15,021 wage earners, and products valued at $20,278,023. The increase in the value of products during the decade was $335,701, or 1.7 per cent. The forests of Indiana contain hard-wood timber which is of comparatively great value, but the timber supply is diminishing, and hard-wood logs are brought from Kentucky and Tennessee. Many of the products of the sawmills of the state are articles that have been carried further into remanufactures than in certain other states. Therefore, while in these other states a larger quantity of lumber has been sawed, its aggregate value is not so great. The lumber sawed in Indiana is extensively used for important manufactures in the state, such as carriages and wagons, furniture, and agricultural implements.

There were 27 establishments engaged in the iron and steel industry in 1900, with 7,579 wage-earners, and products valued at $19,338,481. In 1890 there were 15 establishments, 2,648 wage-earners, and products valued at $4,742,760. The increase in the value of products during the decade was $14,595,721, or 307.7 per cent. Indiana is not an iron-producing state, and its iron and steel industries are dependent upon other states for supplies of the metal. Iron ore has been found in several localities, but neither in quality nor quantity to warrant investment. A new branch of the iron and steel industry in the state is the manufacture of tin and terne plate, the figures for which are not included in Table 3, because there were in 1890 no statistics for this industry with which they can be compared. The first establishment in Indiana was started in 1891, in the natural gas belt.[2] Other factories followed in the same region. It is claimed that one of these establishments has shipped plate to Europe. The iron and steel industry shows a larger absolute increase than any other in the state.

There were 337 establishments engaged in the manufacture of foundry and machine shop products in 1900, with 10,339 wage-earners, and products valued at $17,228,096. In 1890 there were 206 establishments, 5,904 wage-earners, and products valued at $9,542,499. The increase in the value of products during the decade was $7,685,597, or 80.5 per cent. The first foundries and machine shops of the state are said to have been engaged exclusively in the construction of boilers and machinery for steamboats which plied on the various navigable rivers of the state.

There were 110 establishments engaged in the manufacture of glass in 1900, with 13,015 wage-earners, and products valued at $14,757,883. In 1890 there were 21 establishments, 3,010 wage-earners, and products valued at $2,995,409. The increase in the value of products during the decade was $11,762,474, or 392.7 per cent. The rapid growth of the glass manufacture is attributable largely to natural gas. Up to the time of its discovery there were only 2 glass plants in the state.[3] One of these, however, was the notable one then at New Albany, at which, as it is claimed, plate glass was first manufactured

[1] Yearbook of the Department of Agriculture, 1899, page 765.

[2] History of Indiana, by William H. Smith, Vol. II, page 690.

[3] Report of the Indiana Department of Statistics, 1895–1896, page 20.

in the United States at a profit.[1] All now in operation are in the natural gas belt, where the abundant and comparatively inexpensive fuel has attracted many plants from other states. The products of these establishments embrace a large variety of goods, including plate and other window glass, cathedral glass, lamp chimneys, lantern globes, fruit jars, and tableware. Large shipments are made to Norway and New Zealand. The first glass factory in Muncie was started in 1889,[2] and now there are 6 there. Anderson, Marion, Alexandria, and Kokomo are among the other places in which glass is manufactured.

There were 275 establishments engaged in the manufacture of carriages and wagons in 1900, with 6,490 wage-earners, and products valued at $12,742,243. In 1890 there were 394 establishments, 4,508 wage-earners, and products valued at $8,248,873. The increase in the value of products during the decade was $4,493,370, or 54.5 per cent. Indiana has long been noted for its carriages and wagons, and some of the establishments manufacturing these vehicles are among the largest in the United States. South Bend, in the northwestern part of the state, having excellent facilities for reaching Chicago and other large markets, is a prominent center of this manufacture; Indianapolis is another. The fine hard-wood forests of Indiana and adjoining states have contributed to the localization of this industry.

There were 54 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 8,081 wage-earners, and products valued at $10,242,422. In 1890 there were 48 establishments, 6,613 wage-earners, and products valued at $7,289,382. The increase in the value of products during the decade was $2,953,040, or 40.5 per cent. The numerous railroads in the state account in part for the prominence of this industry. The excellence of the hard woods sawed in Indiana has also proved a stimulus to it.

There were 4 establishments engaged in the manufacture of steam railroad cars in 1900, with 3,337 wage-earners, and products valued at $9,006,577. In 1890 there were 4 establishments, 3,310 wage-earners, and products valued at $7,073,329. The increase in the value of products during the decade was $1,933,248, or 27.3 per cent. Several establishments are engaged exclusively in building freight cars, for which industry the state is adapted because of its geographical location and its supplies of sawed lumber.

There were 129 establishments engaged in the factory manufacture of furniture in 1900, with 7,149 wage-earners, and products valued at $8,769,509. In 1890 there were 131 establishments, 6,096 wage-earners, and products valued at $7,662,650. The increase in the value of products during the decade was $1,106,859, or 14.4 per cent. For years the manufacture of furniture has been one of the important industries in Indiana. A prominent branch is the making of office desks. Shipments are made to Europe, Mexico, and South America.

[1] History of Indiana, Vol. II, page 689.
[2] Ibid., page 690.

There were 45 establishments engaged in the manufacture of agricultural implements in 1900, with 3,419 wage-earners, and products valued at $6,415,081. In 1890 there were 54 establishments, 3,078 wage-earners, and products valued at $5,756,131. The increase in the value of products during the decade was $658,950, or 11.4 per cent. This industry shows a great variety of products in which the state excels.

There were 688 establishments engaged in the printing and publishing of newspapers and periodicals in 1900, with 4,084 wage-earners, and products valued at $6,093,191. In 1890 there were 505 establishments, 2,628 wage-earners, and products valued at $3,589,513. The increase in the value of products during the decade was $2,503,678, or 69.7 per cent.

There were 31 establishments engaged in the manufacture of textiles in 1900, with 4,485 wage-earners, and products valued at $5,250,529. In 1890 there were 60 establishments, 4,241 wage-earners, and products valued at $5,166,711. The increase in the value of products during the decade was $83,818, or 1.6 per cent.

There were 205 establishments engaged in the manufacture of lumber, planing mill products, in 1900, with 2,115 wage-earners, and products valued at $5,088,669. In 1890 there were 178 establishments, 2,122 wage-earners, and products valued at $4,787,974. The increase in the value of products during the decade was $300,695, or 6.3 per cent.

There were 607 establishments engaged in the manufacture of clay products in 1900, with 4,859 wage-earners, and products valued at $4,222,529. In 1890 there were 784 establishments, 5,926 wage-earners, and products valued at $3,142,454. The increase in the value of products during the decade was $1,080,075, or 34.4 per cent. It is claimed that machine-made terra cotta was first manufactured in Indiana, and that the several-cored vitrified conduits and the hollow vitrified arch blocks are Indiana inventions.[3] Encaustic tiles are manufactured at Indianapolis, and have an extensive market. The burning is done with natural gas. The clay for the low-priced tiles abounds in Clay, Owen, and Lawrence counties, but for the finer kinds superior clays are brought from other states.

There were 39 establishments engaged in the manufacture of paper and wood pulp in 1900, with 1,816 wage-earners, and products valued at $4,170,497. In 1890 there were 29 establishments, 805 wage-earners, and products valued at $1,776,016. The increase in the value of products during the decade was $2,394,481, or 134.8 per cent.

There were 31 establishments engaged in the factory manufacture of men's clothing in 1900, with 2,908 wage-earners, and products valued at $3,367,831. In 1890 there were 22 establishments, 1,874 wage-earners, and products valued at $2,570,179. The increase in the value of products during the decade was $797,652, or 31 per cent.

[3] History of Indiana, Vol. II, page 695.

There were 61 establishments engaged in the manufacture of carriage and wagon materials in 1900, with 2,289 wage-earners, and products valued at $3,149,588. In 1890 there were 38 establishments, 1,856 wage-earners, and products valued at $2,282,810. The increase in the value of products during the decade was $866,778, or 38 per cent.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Evansville, Fort Wayne, Indianapolis, New Albany, South Bend, and Terre Haute as returned at the censuses of 1890 and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, EVANSVILLE, FORT WAYNE, INDIANAPOLIS, NEW ALBANY, SOUTH BEND, AND TERRE HAUTE, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
The State	1900	18,015	$234,481,528	155,956	$66,847,317	$33,052,160	$214,961,610	$378,120,140
	1890	12,354	131,605,366	110,590	42,577,258	16,500,903	130,119,106	226,825,082
Per cent of increase		45.8	78.2	41.0	57.0	100.3	65.2	66.7
Evansville	1900	705	10,059,375	7,279	2,883,975	988,542	7,504,660	14,193,320
	1890	482	9,166,859	6,815	2,664,797	804,871	6,875,575	12,809,334
Per cent of increase		46.3	9.7	6.8	8.2	22.8	9.1	10.8
Fort Wayne	1900	397	9,203,613	7,255	2,928,969	730,122	6,597,414	12,525,222
	1890	235	6,999,600	5,644	2,381,554	307,999	5,048,585	9,301,946
Per cent of increase		68.9	31.5	28.5	23.0	137.1	30.7	34.7
Indianapolis	1900	1,910	36,828,114	25,511	10,882,914	5,389,394	42,055,634	68,607,579
	1890	1,189	15,266,685	16,027	7,060,056	2,080,733	21,247,116	36,426,974
Per cent of increase		60.6	141.2	59.2	54.1	159.0	97.9	88.3
New Albany	1900	208	2,996,512	2,430	843,680	231,771	2,364,138	4,179,490
	1890	298	5,342,071	4,165	1,835,341	608,026	3,470,492	6,631,924
Per cent of increase		[1] 30.2	[1] 43.9	[1] 41.7	[1] 54.0	[1] 61.9	[1] 31.9	[1] 37.0
South Bend	1900	302	18,156,638	8,257	3,409,637	950,093	7,510,806	14,236,331
	1890	208	11,252,887	5,750	2,504,562	538,151	4,607,716	9,812,513
Per cent of increase		45.2	61.4	43.6	36.1	76.5	63.0	45.1
Terre Haute	1900	429	8,938,107	5,427	2,298,585	15,358,415	8,029,285	27,784,619
	1890	367	4,965,184	4,720	1,789,442	3,903,928	6,785,616	13,720,529
Per cent of increase		16.9	80.0	15.0	28.5	293.4	18.3	102.5
Total for 6 cities	1900	3,951	86,182,359	56,159	23,247,760	23,648,337	74,061,937	141,526,561
	1890	2,779	52,993,286	43,121	18,235,752	8,243,708	48,035,100	88,703,220
Per cent of increase		42.2	62.6	30.2	27.5	186.8	54.2	59.6
Per cent of 6 cities to total for state	1900	21.9	36.8	36.0	34.8	71.5	34.5	37.4
	1890	22.5	40.3	39.0	42.8	50.0	36.9	39.1

[1] Decrease.

It appears from Table 4 that there has been a considerable increase during the past decade in the combined manufactures of these 6 cities. The number of establishments increased from 2,779 to 3,951, or 42.2 per cent; the average number of wage-earners from 43,121 to 56,159, or 30.2 per cent; and the value of products from $88,703,220 to $141,526,561, or 59.6 per cent. The percentage of increase in the value of products has been slightly smaller in these 6 cities than in the state as a whole. Terre Haute shows the most rapid growth, the value of products having increased from $13,720,529 to $27,784,619, or 102.5 per cent. In Indianapolis, the leading manufacturing city, the number of establishments increased from 1,189 to 1,910, or 60.6 per cent; the number of wage-earners from 16,027 to 25,511, or 59.2 per cent; and the value of products from $36,426,974 to $68,607,579, or 88.3 per cent. The number of establishments, number of wage-earners, and value of products, in this city in 1900, constituted 10.6, 16.4, and 18.1 per cent, respectively, of the totals for the state. The decrease in manufactures at New Albany is due to the removal of some of the city's largest establishments to the natural gas district of the state.

Table 5 presents the totals for the manufacturing industries of the 81 cities and towns withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and towns, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Products. Value.	Products. Rank.	Products. Per cent of total.	Population. Total.	Population. Rank.	Population. Per cent of total.
Total for state	18,015	$234,481,528	20,322	155,956	$66,847,317	$33,052,160	$214,961,610	$378,120,140	------	100.0	2,516,462	------	100.0
Total for urban manufactures	10,038	198,829,281	10,856	128,204	55,998,360	31,142,736	184,622,755	321,980,184	------	85.2	852,001	------	33.9
Alexandria	95	3,062,182	98	1,903	993,815	139,082	1,237,069	2,929,596	22	0.8	7,221	28	0.8
Anderson	311	5,709,965	337	4,583	2,363,994	418,526	6,204,219	10,941,854	9	2.9	20,178	8	0.8
Angola	38	201,548	42	141	47,300	12,309	268,280	420,937	69	0.1	2,141	73	0.1
Attica	46	389,945	54	313	94,550	416,719	250,291	955,478	44	0.3	3,005	66	0.1
Auburn	59	620,612	66	470	193,080	37,988	655,775	1,152,250	41	0.3	3,396	63	0.1

TABLE 5.—URBAN MANUFACTURES—Continued.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	PRODUCTS. Value.	PRODUCTS. Rank.	PRODUCTS. Per cent of total.	POPULATION. Total.	POPULATION. Rank.	POPULATION. Per cent of total.
Aurora	59	$515,494	55	515	$172,542	$32,920	$481,483	$877,139	49	0.2	3,645	58	0.2
Bedford	55	438,793	62	315	154,771	28,382	275,609	566,185	64	0.1	6,115	37	0.2
Bloomington	58	317,937	67	391	123,949	21,611	405,636	714,838	55	0.2	6,460	34	0.3
Bluffton	91	416,432	84	461	175,829	49,299	525,428	973,993	43	0.3	4,479	47	0.2
Brazil	124	1,469,183	138	809	375,614	62,593	1,077,795	1,815,474	33	0.5	7,786	27	0.3
Brookville	40	155,082	47	199	71,294	14,488	173,049	317,968	77	0.1	2,037	76	0.1
Butler	25	170,911	27	175	51,925	12,089	194,511	327,600	75	0.1	2,063	75	0.1
Cannelton	26	509,822	25	410	95,672	18,859	189,758	375,592	74	0.1	2,188	72	0.1
Columbia City	60	340,995	56	254	109,313	30,112	486,937	743,007	53	0.2	2,975	67	0.1
Columbus	94	2,637,825	116	1,347	522,427	194,312	1,595,644	2,933,662	21	0.8	8,130	24	0.3
Connersville	68	1,880,511	68	1,455	589,095	153,537	1,485,962	2,598,420	25	0.7	6,836	32	0.3
Crawfordsville	71	402,497	78	318	133,502	43,765	343,241	735,536	54	0.2	6,649	33	0.3
Decatur	83	389,040	107	341	128,181	32,386	320,002	656,430	57	0.2	4,142	50	0.2
Delphi	54	234,026	65	183	76,889	12,856	164,116	326,876	76	0.1	2,135	74	0.1
East Chicago	17	2,768,122	9	1,448	627,855	92,211	1,723,381	3,055,689	19	0.8	3,411	60	0.1
Edinburg	26	160,503	32	117	41,920	6,404	66,648	160,720	80	(1)	1,820	78	0.1
Elkhart	142	2,901,541	147	2,324	1,097,741	468,438	2,065,031	4,283,746	15	1.1	15,184	13	0.6
Elwood	135	4,513,128	146	2,958	1,781,752	175,187	6,999,786	9,929,311	10	2.6	12,950	15	0.5
Evansville	705	10,059,375	766	7,279	2,883,975	988,542	7,504,660	14,193,320	6	4.0	59,007	2	2.3
Fairmount	37	272,528	44	649	343,572	18,517	316,112	833,517	51	0.2	3,205	65	0.1
Fort Wayne	397	9,203,613	402	7,255	2,928,969	730,122	6,597,414	12,525,222	7	3.3	45,115	8	1.8
Frankfort	86	544,645	97	672	292,349	45,531	786,336	1,411,736	39	0.4	7,100	31	0.3
Franklin	67	236,700	76	129	56,188	19,349	287,626	492,687	66	0.1	4,005	51	0.2
Garrett	28	229,083	32	354	184,066	7,906	373,477	628,153	59	0.2	3,910	54	0.2
Gas City	36	1,606,938	29	1,427	840,747	33,487	1,677,224	2,959,187	20	0.8	3,622	59	0.2
Goshen	133	1,596,928	145	1,112	412,752	162,913	1,475,939	2,521,242	26	0.7	7,810	26	0.3
Greencastle	68	199,694	89	145	58,087	15,887	216,788	395,398	72	0.1	3,661	56	0.2
Greenfield	59	402,936	63	383	195,512	31,983	357,774	761,222	52	0.2	4,489	46	0.2
Greensburg	76	353,430	99	324	123,982	52,619	725,562	1,107,694	42	0.3	5,034	42	0.2
Hammond	52	6,326,907	49	2,738	1,265,521	491,449	20,277,354	25,223,536	3	6.7	12,376	16	0.5
Hartford City	100	1,079,461	124	950	573,227	56,324	765,340	1,747,090	34	0.5	5,912	39	0.2
Huntingburg	51	171,854	51	173	64,329	11,178	232,087	378,440	73	0.1	2,527	71	0.1
Huntington	99	956,803	113	1,238	521,251	45,923	1,106,697	1,922,329	32	0.5	9,491	20	0.4
Indianapolis	1,910	36,828,114	1,967	25,511	10,882,914	5,389,394	42,055,634	68,607,579	1	18.1	169,164	1	6.7
Jasper	42	162,323	50	202	80,124	10,412	142,128	297,600	78	0.1	1,863	77	0.1
Jeffersonville	78	2,695,007	87	1,802	877,275	143,146	2,579,034	4,099,209	17	1.1	10,774	17	0.4
Kendallville	39	753,180	50	407	150,511	147,333	306,324	936,880	45	0.2	3,354	64	0.1
Kokomo	136	2,533,909	133	1,747	707,688	219,510	1,308,899	2,724,859	23	0.7	10,609	18	0.4
Lafayette	234	3,061,476	234	1,756	767,079	286,049	2,322,364	4,310,730	14	1.1	18,116	10	0.7
Laporte	96	2,849,165	106	989	379,097	127,086	1,194,572	2,247,659	29	0.6	7,113	30	0.3
Lawrenceburg	51	1,047,246	59	674	287,888	90,613	1,632,315	2,250,034	28	0.6	4,326	49	0.2
Lebanon	66	258,720	91	291	105,958	17,004	343,864	588,879	63	0.1	4,465	48	0.2
Logansport	170	1,969,073	200	1,627	730,494	139,096	1,286,651	2,681,784	24	0.7	16,204	12	0.6
Madison	111	1,553,444	112	1,011	346,832	107,266	1,176,754	2,145,838	31	0.6	7,835	25	0.3
Marion	163	3,587,672	184	3,109	1,475,371	296,932	2,487,417	5,170,435	13	1.4	17,337	11	0.7
Michigan City	82	4,242,355	81	2,930	1,045,245	267,048	4,007,823	6,129,001	11	1.6	14,850	14	0.6
Middletown	23	430,087	23	267	185,482	19,733	599,597	926,917	47	0.2	1,801	79	0.1
Mishawaka	56	3,942,030	50	1,761	843,922	184,419	1,474,313	3,176,773	18	0.8	5,560	40	0.2
Montpelier	60	196,862	75	238	123,080	9,611	346,119	638,640	58	0.2	3,405	62	0.1
Mt. Vernon	86	713,217	103	362	147,567	31,486	999,168	1,382,349	40	0.4	5,132	41	0.2
Muncie	347	7,793,832	343	6,294	3,067,748	506,279	6,690,155	12,106,648	8	3.2	20,942	6	0.8
New Albany	208	2,996,512	221	2,430	843,680	231,771	2,364,138	4,179,490	16	1.1	20,628	7	0.8
New Castle	54	363,190	66	268	90,589	22,959	288,376	538,513	65	0.1	3,406	61	0.1
Noblesville	56	1,016,790	69	593	242,055	50,885	868,981	1,426,287	38	0.4	4,792	44	0.2
Peru	103	1,147,288	118	1,271	470,919	81,165	819,593	1,620,889	36	0.4	8,463	23	0.3
Plymouth	52	387,146	63	300	112,444	33,077	210,348	434,475	68	0.1	3,656	57	0.1
Portland	72	218,310	84	398	137,946	16,001	261,274	592,552	62	0.2	4,798	43	0.2
Princeton	87	605,351	105	469	207,789	40,294	535,485	929,270	46	0.2	6,041	38	0.2
Richmond	195	5,175,446	189	2,991	1,306,921	297,605	2,490,180	5,282,049	12	1.4	18,226	9	0.7
Rockport	45	674,246	59	211	71,676	15,371	165,126	403,083	70	0.1	2,882	68	0.1
Rushville	91	531,736	117	405	168,849	37,523	499,242	850,360	50	0.2	4,541	45	0.2
Seymour	81	871,746	91	671	234,860	45,268	1,089,058	1,622,408	35	0.4	6,445	35	0.3
Shelbyville	122	902,725	148	829	335,744	74,981	871,033	1,572,536	37	0.4	7,169	29	0.3
Sheridan	33	109,111	36	109	67,248	4,971	99,018	241,567	79	0.1	1,795	80	0.1
South Bend	302	18,156,638	330	8,257	3,409,637	950,093	7,510,806	14,236,331	5	3.8	35,999	5	1.4
Tell City	46	466,979	38	585	188,005	51,808	320,078	711,849	56	0.2	2,680	70	0.1
Terre Haute	429	8,938,107	493	5,427	2,298,585	15,358,415	8,029,285	27,784,619	2	7.3	36,673	4	1.5
Tipton	56	203,087	71	277	109,605	12,672	357,678	594,161	61	0.2	3,764	55	0.1
Troy	10	104,220	12	95	19,016	5,582	84,592	123,328	81	(1)	599	81	(1)
Union City	53	232,807	47	164	71,069	16,022	237,692	443,847	67	0.1	2,716	69	0.1
Valparaiso	56	189,610	72	306	92,014	14,991	182,668	399,496	71	0.1	6,280	36	0.3
Vincennes	109	1,552,386	105	970	388,865	130,690	1,098,676	2,282,384	27	0.5	10,249	19	0.4
Wabash	109	2,430,502	121	1,241	589,355	80,310	1,206,726	2,225,990	30	0.6	8,618	21	0.3
Warsaw	75	351,872	88	244	110,822	22,479	335,935	610,465	60	0.2	3,987	52	0.2
Washington	57	437,177	55	621	314,742	18,650	433,101	885,062	48	0.2	8,551	22	0.3
Whiting	6	12,701,598	5	1,836	1,144,113	350,933	13,420,494	16,674,285	4	4.4	3,983	53	0.2
Total for state exclusive of urban manufactures	7,977	35,652,247	9,466	27,752	10,848,957	1,909,424	30,338,855	56,139,956	------	14.8	1,664,461	------	66.1
Per cent of urban manufactures to total for state	55.7	84.8	53.4	82.2	83.8	94.2	85.9	85.2	------	------	33.9	------	------

[1] Less than one-tenth of 1 per cent.

Of the 18,015 establishments in the state, 10,038, or 55.7 per cent, were located in these 81 cities and towns. They furnished employment to 128,204 wage-earners, or 82.2 per cent of the total number, and the value of their products, $321,980,184, formed 85.2 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

TABLE 6.—MANUFACTURES

	Counties.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
1	The State	18,015	$234,481,528	$19,404,624	$38,642,214	$65,046,726	$111,387,964	20,322	11,282	$10,526,293	155,956	$66,847,317
2	Adams	162	540,595	80,025	80,550	136,524	243,496	213	22	16,708	479	173,593
3	Allen	532	9,707,668	954,348	1,291,347	2,383,369	5,078,604	579	673	641,746	7,793	3,123,816
4	Bartholomew	177	2,832,377	127,223	288,551	404,311	2,012,289	221	158	118,396	1,485	568,339
5	Benton	62	152,222	13,070	24,040	31,206	83,906	76	2	1,800	83	32,957
6	Blackford	181	1,463,938	117,465	471,145	381,124	494,204	223	73	60,715	1,404	793,227
7	Boone	175	483,969	44,179	96,995	139,150	203,645	224	14	8,042	432	155,315
8	Brown	47	44,373	4,875	6,390	23,728	9,380	58	----	----	34	11,367
9	Carroll	140	457,991	40,715	77,430	177,370	162,476	168	14	7,589	317	123,392
10	Cass	258	2,406,451	299,927	435,110	708,721	962,693	301	99	80,124	2,295	905,269
11	Clark	175	3,834,970	278,656	605,724	735,479	2,215,111	178	129	161,351	2,562	1,087,763
12	Clay	177	1,847,933	189,809	330,520	724,213	603,391	195	67	53,830	1,125	504,253
13	Clinton	175	739,249	65,820	148,245	229,073	296,111	202	81	50,127	783	332,462
14	Crawford	60	229,564	31,845	25,370	71,757	100,592	83	14	7,448	167	57,670
15	Daviess	129	647,972	97,185	187,785	211,082	151,920	151	21	13,645	770	369,425
16	Dearborn	177	1,958,685	88,060	262,047	403,424	1,205,154	193	105	103,682	1,411	542,799
17	Decatur	149	517,321	48,670	90,516	146,340	231,795	191	44	31,224	553	199,719
18	Dekalb	195	1,196,459	71,937	240,192	246,732	637,598	233	104	85,009	1,113	466,026
19	Delaware	481	10,294,443	738,271	1,789,988	3,596,055	4,170,129	487	308	390,421	7,499	3,661,300
20	Dubois	176	695,976	74,642	143,611	157,568	320,155	214	33	18,343	747	249,547
21	Elkhart	370	5,121,424	301,863	945,510	1,389,651	2,484,400	404	389	288,612	3,824	1,657,339
22	Fayette	90	1,909,996	78,960	273,555	329,881	1,227,600	98	105	94,505	1,481	597,925
23	Floyd	243	3,040,977	231,235	431,105	910,797	1,467,840	264	111	108,156	2,465	854,271
24	Fountain	149	768,600	77,280	132,626	170,902	387,792	178	71	51,270	591	190,252
25	Franklin	125	303,028	25,141	55,295	112,285	110,307	148	18	10,360	382	145,119
26	Fulton	106	308,127	27,325	65,930	99,550	115,322	128	10	9,300	296	105,995
27	Gibson	199	1,078,468	131,115	164,877	285,594	496,882	242	34	29,514	795	334,961
28	Grant	365	6,516,720	358,317	1,458,281	1,687,336	3,012,786	388	323	305,223	6,428	3,319,181
29	Greene	118	234,327	18,427	44,005	97,502	74,393	157	3	1,700	191	64,563
30	Hamilton	203	2,138,170	130,905	383,665	706,182	917,418	233	86	86,984	1,754	876,968
31	Hancock	149	664,640	51,145	145,870	196,181	271,444	171	71	43,514	614	284,959
32	Harrison	115	241,565	54,981	32,990	95,135	58,459	148	5	3,360	182	65,099
33	Hendricks	135	249,110	25,085	54,255	91,305	78,465	169	4	960	173	58,856
34	Henry	222	1,136,484	63,180	163,424	432,597	477,283	254	48	31,185	791	367,438
35	Howard	204	2,902,595	181,545	684,157	1,117,032	919,861	212	149	119,081	2,028	810,721
36	Huntington	232	1,264,011	159,702	221,022	334,222	549,065	269	81	50,184	1,512	620,089
37	Jackson	186	1,257,697	83,052	143,360	343,011	688,274	218	57	48,912	983	340,707
38	Jasper	72	127,833	16,567	20,635	43,153	47,478	86	4	3,190	129	41,691
39	Jay	191	1,330,409	95,757	329,964	274,424	630,264	206	66	74,466	1,434	683,159
40	Jefferson	178	1,657,432	79,942	300,717	487,542	789,231	198	79	67,337	1,074	370,982
41	Jennings	89	465,246	46,914	61,156	99,234	257,942	114	18	8,540	308	102,153
42	Johnson	153	752,257	60,810	169,362	175,453	346,632	176	37	25,828	838	191,157
43	Knox	189	1,844,281	212,856	481,926	581,715	567,784	211	81	60,494	1,163	453,293
44	Kosciusko	191	731,107	122,635	115,514	231,344	261,614	223	25	17,638	495	207,458
45	Lagrange	106	278,622	81,305	44,810	76,635	75,872	120	9	2,670	189	61,916
46	Lake	166	22,982,238	838,600	2,694,132	9,847,653	10,101,853	163	564	636,375	6,359	3,193,956
47	Laporte	241	7,213,643	332,898	775,392	1,166,891	4,938,462	257	206	221,408	3,956	1,436,317
48	Lawrence	118	995,392	200,152	186,301	375,316	233,623	128	46	47,253	710	287,457
49	Madison	693	15,821,852	835,667	3,261,814	5,344,844	5,879,527	743	546	570,947	11,517	6,056,863
50	Marion	2,020	37,196,455	3,482,337	5,276,703	10,448,632	17,988,783	2,088	2,649	2,454,195	25,873	11,034,435
51	Marshall	155	791,776	66,695	162,426	242,594	320,061	175	41	32,725	666	264,624
52	Martin	60	142,985	10,615	21,895	55,975	54,500	74	5	3,460	83	27,977
53	Miami	207	2,028,115	323,705	394,714	563,461	746,235	249	86	66,539	1,711	652,511
54	Monroe	101	746,517	136,690	91,150	269,995	248,682	118	22	16,338	500	171,788
55	Montgomery	175	831,462	85,300	133,008	243,587	369,567	209	47	35,628	704	258,767
56	Morgan	128	318,253	29,149	55,180	94,586	139,338	153	18	6,000	332	144,093
57	Newton	30	75,736	7,365	17,525	22,331	28,515	41	----	----	39	13,710
58	Noble	171	1,233,850	72,744	160,590	192,377	808,139	202	52	45,385	698	259,666
59	Ohio	16	63,865	4,920	7,690	19,560	31,695	17	3	1,668	44	15,664
60	Orange	71	202,195	33,865	23,560	67,535	77,235	88	9	2,813	141	49,763
61	Owen	74	358,977	61,790	36,262	176,950	83,975	91	17	9,726	243	104,825
62	Parke	105	818,254	88,910	172,740	221,454	335,150	137	19	11,452	433	166,283
63	Perry	121	1,197,532	67,051	209,841	366,908	553,732	128	45	33,100	1,246	351,768
64	Pike	67	140,063	7,380	21,660	56,620	54,403	93	3	996	99	34,314
65	Porter	117	728,975	118,848	257,321	165,025	187,781	124	25	19,523	460	145,085
66	Posey	164	934,858	142,771	190,826	243,857	357,404	185	32	22,944	485	190,360
67	Pulaski	59	134,041	17,145	20,525	46,765	49,606	68	2	2,500	89	26,881
68	Putnam	133	374,004	30,985	51,265	141,005	150,749	174	21	12,733	327	126,317
69	Randolph	223	979,635	77,425	185,481	200,068	516,661	233	70	45,968	991	375,324
70	Ripley	153	724,443	99,708	107,455	211,408	305,872	170	39	23,785	541	179,966
71	Rush	191	795,251	45,575	129,855	239,985	379,836	219	32	21,081	641	258,902

Table 8 shows the totals for the cities of Anderson, Evansville, Fort Wayne, Indianapolis, Muncie, New Albany, South Bend, and Terre Haute by specified industries.

Table 9 shows the totals for the cities and towns withdrawn from the enumerators, exclusive of those shown in Table 8.

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
133,009	$62,054,517	19,266	$4,181,375	3,681	$611,425	$33,052,160	$1,558,767	$1,302,309	$28,022,859	$2,168,225	$214,961,610	$209,949,254	$5,012,356	$378,120,140	1
424	165,892	47	6,847	8	854	38,136	7,113	4,245	22,378	4,400	506,219	492,374	13,845	983,153	2
5,783	2,770,794	1,828	330,018	182	23,004	765,071	79,346	49,709	601,270	34,746	7,068,207	6,907,448	160,759	13,403,369	3
1,382	547,865	91	18,939	12	1,535	201,443	11,826	13,063	171,129	5,425	1,751,870	1,728,850	23,020	3,229,570	4
72	30,909	8	1,690	3	358	8,849	4,197	1,225	3,267	160	78,221	71,967	6,254	194,093	5
1,246	760,227	82	20,510	76	12,490	75,579	10,607	8,862	54,960	1,150	1,183,842	1,158,529	25,313	2,614,004	6
377	145,841	44	8,533	11	941	24,184	6,845	4,301	12,328	710	619,845	605,551	14,294	1,040,314	7
32	11,037	----------	----------	2	330	3,328	1,022	601	1,705	----------	50,079	49,309	770	96,935	8
284	117,495	27	5,149	6	748	19,653	5,554	2,503	11,596	----------	384,010	364,570	19,440	693,867	9
2,067	860,983	205	40,172	23	4,114	159,328	24,004	18,635	116,293	396	1,684,120	1,640,597	43,523	3,597,753	10
2,426	1,060,983	116	24,378	20	2,402	204,432	12,705	17,193	149,839	24,695	3,655,740	3,543,284	112,456	5,721,349	11
1,042	486,636	54	12,728	29	4,889	83,777	9,642	7,280	52,960	13,895	1,360,114	1,272,438	87,676	2,396,212	12
721	319,531	53	11,453	9	1,478	50,656	14,405	6,295	29,763	193	979,960	957,885	22,075	1,756,276	13
161	56,680	4	707	2	283	7,703	395	1,728	5,580	----------	198,885	192,967	5,918	345,864	14
740	364,055	22	4,108	8	1,262	26,315	5,745	6,043	14,527	----------	615,079	600,108	14,971	1,215,323	15
1,245	513,538	119	24,043	47	5,218	161,669	6,255	17,018	136,088	2,308	2,702,348	2,644,729	57,619	4,028,059	16
499	187,289	40	9,814	14	2,616	59,979	8,436	4,035	47,498	10	872,609	854,020	18,589	1,427,156	17
1,037	451,093	68	13,927	8	1,006	64,885	7,048	7,179	45,398	5,260	1,440,057	1,420,601	19,456	2,470,328	18
6,806	3,505,680	472	108,755	221	46,865	556,602	37,726	29,431	410,280	79,165	7,375,697	7,150,737	224,960	13,772,065	19
719	244,695	17	3,458	11	1,394	37,597	2,955	5,727	28,915	----------	839,438	826,066	13,372	1,390,146	20
3,303	1,531,939	493	121,369	28	4,031	656,729	41,939	25,633	583,509	5,648	4,208,659	4,123,527	85,132	7,855,551	21
1,419	584,257	43	10,782	19	2,886	156,153	7,982	10,489	137,182	500	1,507,032	1,469,638	37,394	2,663,382	22
1,828	742,631	599	106,346	38	5,294	235,490	17,028	17,631	183,416	17,415	2,397,038	2,283,860	113,178	4,251,566	23
467	168,920	120	20,802	4	530	437,893	5,685	6,983	425,031	194	541,989	514,157	27,832	1,525,148	24
361	141,014	17	3,747	4	358	19,517	2,380	2,120	15,017	----------	292,440	284,765	7,675	590,854	25
236	90,788	55	14,440	5	767	21,386	5,099	2,054	14,203	30	375,049	368,059	6,990	621,761	26
747	325,281	29	7,019	19	2,661	64,008	11,011	8,344	38,053	6,600	1,332,984	1,317,353	15,631	2,118,983	27
5,358	3,104,221	504	112,668	566	102,292	391,075	28,543	32,187	330,177	168	5,254,827	5,086,469	168,358	10,935,986	28
181	62,606	7	1,569	3	388	14,576	2,963	2,597	6,510	2,506	378,933	372,690	6,243	617,906	29
1,605	846,975	96	19,416	53	10,577	89,596	8,589	9,934	70,233	840	1,952,952	1,898,511	54,441	3,565,178	30
514	261,985	55	19,047	45	3,927	66,397	4,926	4,930	43,393	13,148	667,151	642,370	24,781	1,345,320	31
178	64,514	2	385	2	200	9,053	1,806	1,824	5,423	----------	294,695	290,517	4,178	507,573	32
155	56,229	17	2,577	1	50	13,354	3,867	1,765	7,722	----------	328,805	320,646	8,159	538,112	33
695	351,542	87	15,112	9	784	59,930	7,789	5,731	41,563	4,847	1,270,854	1,255,728	15,126	2,110,938	34
1,719	765,430	252	38,394	57	6,897	239,205	14,654	19,220	187,680	17,651	1,494,656	1,400,226	94,430	3,111,825	35
1,411	601,584	90	16,313	11	2,192	63,771	12,469	8,921	42,381	----------	1,388,275	1,341,958	46,317	2,455,035	36
770	299,959	169	34,492	44	6,256	59,073	8,914	9,462	40,567	130	1,498,380	1,477,964	20,416	2,338,454	37
107	37,358	18	3,864	4	469	10,294	3,734	1,036	5,524	----------	94,479	88,210	6,269	225,853	38
1,272	652,791	104	18,648	58	11,720	70,244	5,669	8,746	51,779	4,050	729,135	690,716	38,419	1,916,319	39
761	318,438	296	51,280	17	1,264	110,548	10,277	14,940	85,331	----------	1,289,323	1,261,739	27,584	2,359,238	40
288	99,340	16	2,275	4	538	17,870	3,150	3,818	10,902	----------	413,073	408,279	4,794	679,375	41
599	161,347	222	28,435	17	1,375	93,041	6,054	6,158	79,219	1,610	928,852	913,318	15,534	1,565,663	42
993	416,895	151	32,985	19	3,413	138,190	10,326	13,081	114,783	----------	1,387,302	1,338,519	48,783	2,787,822	43
410	191,449	69	13,434	16	2,575	39,094	10,295	4,703	23,896	200	757,393	743,642	13,751	1,275,625	44
168	58,246	16	3,088	5	582	9,110	2,336	1,709	5,065	----------	241,635	236,650	4,985	440,506	45
5,802	3,060,621	536	130,501	21	2,834	1,027,693	11,621	62,359	948,633	5,080	36,027,422	35,178,412	849,010	46,054,381	46
3,291	1,313,123	526	103,685	139	19,509	397,203	15,713	24,030	312,457	45,003	5,383,863	5,295,512	88,351	8,628,982	47
684	282,744	21	4,118	5	595	76,804	7,950	10,400	58,454	----------	543,852	509,004	34,848	1,231,376	48
10,144	5,753,300	640	143,020	733	160,543	890,752	54,279	93,962	726,426	16,085	15,577,264	15,172,191	405,073	26,683,958	49
21,540	10,070,370	4,066	926,416	267	37,649	5,399,040	434,156	219,884	3,190,178	1,554,822	42,355,081	41,721,923	633,158	69,201,691	50
594	251,378	58	11,634	14	1,612	57,552	5,667	4,827	46,858	200	572,601	547,008	25,593	1,137,799	51
78	26,737	2	945	3	295	4,772	1,531	1,413	1,828	----------	194,704	192,328	2,376	298,239	52
1,525	621,463	137	24,742	49	6,306	114,240	13,265	11,119	87,696	2,160	1,287,932	1,250,230	37,702	2,487,277	53
483	167,817	14	3,697	3	274	26,931	6,371	6,222	14,338	----------	511,591	500,020	11,571	949,539	54
591	235,661	95	20,840	18	2,266	61,937	11,461	5,513	43,963	1,000	686,391	666,578	19,813	1,840,924	55
313	141,120	10	2,335	9	638	23,241	5,116	3,110	15,015	----------	407,624	399,944	7,680	775,816	56
35	13,060	2	400	2	250	2,752	791	394	1,492	75	24,687	18,966	5,721	68,411	57
636	247,845	57	11,272	5	549	177,254	6,867	5,116	165,271	----------	866,065	848,346	17,719	1,896,284	58
42	15,496	----------	----------	2	168	3,658	228	697	2,733	----------	73,090	72,034	1,056	119,280	59
137	49,217	1	136	3	410	9,462	1,249	2,047	6,141	25	248,822	246,122	2,700	419,295	60
230	102,562	8	1,508	5	755	11,482	1,811	1,696	7,900	75	240,734	231,098	9,636	456,676	61
411	162,708	15	2,825	7	750	24,179	3,082	5,031	14,476	1,590	605,899	572,619	33,280	985,220	62
783	273,953	438	74,993	25	2,822	79,932	1,870	12,431	65,481	150	741,265	725,858	15,407	1,476,247	63
87	32,779	5	575	7	960	7,549	1,091	1,027	5,306	125	146,204	143,719	2,485	254,287	64
276	107,918	168	34,357	16	2,810	34,106	6,826	4,090	23,190	----------	324,520	295,237	29,283	674,728	65
458	185,587	14	3,431	13	1,342	40,973	7,918	4,796	24,186	4,073	1,268,437	1,251,221	17,216	1,791,586	66
72	24,406	13	1,930	4	545	8,953	2,312	1,196	5,445	----------	172,373	167,838	4,535	282,518	67
305	121,323	21	4,844	1	150	31,546	11,974	2,738	12,619	4,215	402,178	393,344	8,834	806,755	68
923	360,916	46	10,747	22	3,661	58,219	8,830	7,976	41,413	----------	1,068,333	1,050,882	17,451	1,990,658	69
512	175,384	10	2,057	19	2,525	39,821	3,080	4,288	32,433	20	522,062	509,790	12,272	987,586	70
585	247,574	44	9,906	12	1,422	58,689	7,359	4,770	44,560	2,000	810,108	775,231	34,877	1,383,211	71

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
72	St. Joseph	447	$22,412,023	$2,637,016	$3,844,407	$2,412,987	$13,517,613	480	727	$846,763	10,178	$4,312,155
73	Scott	47	144,872	16,340	23,737	43,790	61,005	53	11	3,498	151	42,948
74	Shelby	218	1,429,703	75,012	212,848	334,416	807,427	254	75	67,159	1,254	488,621
75	Spencer	142	924,091	72,585	179,975	296,600	374,931	187	26	18,999	380	128,231
76	Starke	62	84,793	4,321	14,275	41,461	24,736	71	1	120	45	17,176
77	Steuben	125	373,820	39,122	82,450	129,398	122,850	141	18	10,414	278	106,712
78	Sullivan	128	329,688	35,910	53,968	99,299	140,511	150	13	5,558	222	81,257
79	Switzerland	67	142,700	7,765	20,885	45,907	68,143	77	3	2,280	95	33,037
80	Tippecanoe	299	3,642,715	280,630	593,173	1,219,399	1,549,513	308	346	305,784	2,030	876,871
81	Tipton	117	391,662	41,725	92,073	92,212	165,652	138	21	10,230	501	162,068
82	Union	58	398,806	10,600	42,365	64,770	281,071	67	11	10,524	130	55,441
83	Vanderburg	728	10,594,090	1,331,733	2,033,667	2,990,736	4,237,949	787	622	641,832	8,127	3,276,172
84	Vermilion	83	232,454	10,375	73,791	68,201	80,087	92	5	5,520	195	65,327
85	Vigo	473	9,262,259	757,142	1,592,895	3,150,684	3,761,538	536	366	364,907	5,780	2,413,155
86	Wabash	246	2,784,652	168,237	578,751	762,475	1,275,189	280	115	100,179	1,544	701,185
87	Warren	49	123,579	14,365	16,673	44,321	48,220	55	4	2,900	113	40,842
88	Warrick	85	285,607	42,295	54,340	75,334	113,638	113	7	1,900	174	65,559
89	Washington	114	261,776	24,280	85,595	92,793	109,108	167	15	6,100	197	69,700
90	Wayne	342	5,593,140	410,105	699,868	903,773	3,579,394	368	376	338,527	3,308	1,424,825
91	Wells	167	579,950	44,005	78,630	144,207	313,108	184	45	25,826	606	229,506
92	White	126	305,955	30,770	74,020	72,239	128,926	151	4	2,070	198	77,817
93	Whitley	125	477,544	49,230	78,950	160,450	188,914	131	24	17,478	440	186,605

TABLE 7.—MANUFACTURES BY

1	All industries	18,015	$234,481,528	$19,404,624	$38,642,214	$65,046,726	$111,387,964	20,322	11,282	$10,526,293	155,956	$66,847,317
2	Agricultural implements	45	8,324,564	596,712	1,060,832	803,077	5,863,943	20	518	489,649	3,419	1,593,881
3	Awnings, tents, and sails	11	55,399	8,600	7,900	6,882	32,017	11	11	9,059	58	21,890
4	Baking and yeast powders	13	96,615	500	1,050	6,585	88,480	7	21	17,980	44	17,205
5	Baskets, and rattan and willow ware	14	218,852	18,290	36,435	77,579	86,548	10	28	25,475	434	110,452
6	Belting and hose, leather	3	72,959	11,500	11,100	11,300	39,059	3	5	5,553	15	9,557
7	Bicycle and tricycle repairing	279	251,879	17,995	22,010	88,554	123,320	330	14	4,599	238	101,957
8	Bicycles and tricycles	19	2,061,560	110,873	302,102	782,015	866,570	5	123	96,996	1,481	613,840
9	Blacksmithing and wheelwrighting	2,368	1,690,069	336,133	472,183	817,535	564,218	2,759	16	7,301	1,308	589,423
10	Bluing	3	18,305	2,000	1,800	1,555	12,950	6	4	5,840	17	3,650
11	Bookbinding and blank book making	13	292,812	10,500	25,584	59,283	197,445	10	18	24,380	217	83,524
12	Boots and shoes, custom work and repairing.	651	225,097	49,275	63,640	49,556	62,626	629	3	3,600	245	101,725
13	Boots and shoes, factory product	6	542,224	3,000	13,399	97,157	428,668	2	41	41,469	610	151,455
14	Bottling	52	321,267	27,095	54,671	66,631	172,870	50	35	24,338	182	80,536
15	Boxes, cigar	6	41,797	5,000	8,500	13,000	15,297	9	1	240	56	15,925
16	Boxes, fancy and paper	11	157,553	10,100	19,500	60,687	67,266	8	12	13,960	323	77,227
17	Boxes, wooden packing	18	308,554	16,560	53,617	75,287	163,090	14	22	23,864	419	140,973
18	Brass castings and brass finishing	10	81,735	10,350	3,150	37,535	30,700	12	4	3,720	56	30,599
19	Bread and other bakery products	391	2,191,707	201,925	401,455	999,901	588,426	425	202	138,413	1,334	527,649
20	Brick and tile	558	4,505,080	972,048	1,356,516	1,030,364	1,146,152	691	148	104,310	3,609	1,195,540
21	Bridges	13	578,211	11,175	48,469	124,906	393,661	13	61	65,663	342	156,666
22	Brooms and brushes	70	172,602	13,630	26,415	23,175	109,382	81	31	24,730	227	89,392
23	Carpentering	807	1,070,041	124,861	174,624	128,761	641,795	944	35	21,055	2,929	1,514,481
24	Carpets, rag	38	15,411	3,815	5,265	4,659	1,672	40	1	416	50	11,762
25	Carriage and wagon materials	61	2,133,832	128,378	323,860	514,420	1,167,179	57	111	102,295	2,289	797,663
26	Carriages and sleds, children's	4	144,830	15,700	22,600	11,080	95,450	3	7	3,397	77	33,981
27	Carriages and wagons	275	17,718,489	2,163,709	3,326,474	967,807	11,260,499	329	599	583,962	6,490	2,756,780
28	Cars and general shop construction and repairs by steam railroad companies.	54	4,730,231	514,788	1,671,232	944,880	1,599,331	-------	348	290,197	8,081	4,325,101
29	Cars, steam railroad, not including operations of railroad companies.	4	6,062,000	190,000	765,000	675,000	4,432,000	-------	96	111,858	3,337	1,550,764
30	Charcoal	3	954	10	425	10	509	4	-------	-------	5	1,755
31	Cheese, butter, and condensed milk, factory product.	112	287,360	18,310	88,585	131,058	49,407	92	23	6,542	118	56,751
32	Chemicals	7	1,076,390	90,269	206,398	478,601	301,122	7	41	53,077	297	154,173
33	Cleansing and polishing preparations	4	62,100	18,000	22,000	3,800	18,300	7	34	21,670	35	9,141
34	Clothing, men's, custom work and repairing.	662	1,266,451	145,853	164,794	72,123	883,681	743	98	73,663	2,101	901,184
35	Clothing, men's, factory product	31	1,691,177	44,739	73,500	154,505	1,418,433	32	134	153,328	2,908	634,751
36	Clothing, women's, dressmaking	288	107,200	13,880	27,570	22,351	43,399	319	13	9,936	897	217,715
37	Clothing, women's, factory product	14	521,039	1,750	8,466	40,549	470,274	11	64	63,341	1,264	266,245
38	Coffee and spice, roasting and grinding	9	315,700	18,000	35,500	63,200	199,000	16	53	42,635	104	33,595
39	Coffins, burial cases, and undertakers' goods.	15	768,074	67,610	123,888	80,684	495,892	2	68	65,181	437	188,514
40	Confectionery	162	731,340	56,495	99,705	176,671	398,469	192	133	90,340	822	273,822
41	Cooperage	93	865,767	79,866	92,803	168,513	524,585	102	48	41,490	1,354	503,279
42	Cotton goods	4	1,678,141	60,900	373,097	715,980	528,164	3	18	34,264	1,421	323,949
43	Cutlery and edge tools	8	583,186	28,802	96,175	277,904	180,305	6	54	47,079	745	226,686
44	Druggists' preparations, not including prescriptions.	6	82,094	2,000	1,000	4,813	74,281	2	25	19,497	29	11,272
45	Dyeing and cleaning	61	31,065	5,750	5,375	13,200	6,740	69	5	2,387	83	31,092
46	Electrical apparatus and supplies	24	1,453,356	84,600	140,908	392,332	835,516	13	134	133,693	881	840,355

BY COUNTIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
8,689	$3,900,526	1,274	$377,313	215	$34,316	$1,184,417	$102,738	$98,503	$969,554	$13,622	$9,196,304	$8,988,689	$207,615	$17,845,039	72
116	39,807	32	2,812	3	329	4,463	1,010	901	2,498	54	149,785	147,685	2,100	247,858	73
1,173	472,209	50	12,280	31	4,132	114,144	12,308	6,723	92,838	2,275	1,328,062	1,308,068	19,994	2,464,793	74
354	123,285	20	4,394	6	552	24,892	3,286	4,944	16,227	435	502,185	486,328	15,857	909,344	75
41	16,495	4	681	------	------	5,396	1,480	670	3,221	25	78,976	76,982	1,994	153,579	76
258	102,722	14	3,118	6	872	19,158	3,688	2,843	12,567	60	409,464	402,073	7,391	704,726	77
189	73,995	26	6,552	7	710	15,887	5,659	3,345	6,779	104	353,045	347,126	5,919	595,692	78
90	32,496	2	275	3	266	8,158	1,016	1,369	4,943	830	148,497	146,797	1,700	245,280	79
1,625	793,659	395	81,821	10	1,391	338,247	47,897	24,709	246,015	19,626	2,649,036	2,588,553	60,483	4,898,740	80
339	136,099	120	22,256	42	3,713	22,881	4,567	3,775	14,384	155	543,228	530,440	12,788	925,149	81
120	53,496	6	1,380	4	565	9,275	1,578	1,757	5,685	255	238,446	235,303	3,143	413,787	82
6,336	2,880,147	1,653	375,829	138	20,196	1,016,390	99,660	94,226	750,077	72,427	8,147,351	8,006,931	140,420	15,335,823	83
161	60,690	30	4,216	4	421	17,630	4,960	1,232	11,238	200	155,308	136,289	19,019	323,912	84
4,616	2,152,969	1,098	258,005	16	2,181	15,387,243	63,167	49,308	15,115,523	159,245	8,328,030	8,081,644	246,386	28,385,050	85
1,405	663,348	136	37,487	3	350	110,988	15,862	16,004	72,972	6,150	1,645,999	1,586,226	59,773	2,995,812	86
108	40,226	3	335	2	231	5,629	2,112	1,098	2,419	------	108,273	104,353	3,920	208,993	87
162	63,987	7	1,047	5	525	17,677	1,875	2,620	9,137	4,045	331,208	326,845	4,363	486,903	88
184	67,936	10	1,364	3	400	12,382	4,121	1,890	6,363	8	336,411	330,223	6,188	573,122	89
2,860	1,345,961	435	77,141	13	1,723	320,015	35,039	43,108	240,368	1,500	2,954,439	2,905,567	48,872	6,079,925	90
506	208,902	96	19,857	4	747	60,091	10,208	5,089	42,721	2,073	694,097	680,802	13,295	1,292,068	91
169	73,624	17	2,870	12	1,323	14,585	4,969	2,805	6,791	20	467,857	458,792	9,065	695,509	92
363	169,914	67	15,662	10	1,029	39,089	5,838	5,169	27,714	368	740,256	726,542	13,714	1,176,503	93

SPECIFIED INDUSTRIES: 1900.

133,009	$62,054,517	19,266	$4,181,375	3,681	$611,425	$33,052,160	$1,558,767	$1,302,309	$28,022,859	$2,168,225	$214,961,610	$209,949,254	$5,012,356	$378,120,140	1
3,388	1,585,611	29	7,993	2	277	596,463	2,380	63,517	528,426	2,140	2,619,621	2,528,705	90,916	6,415,081	2
30	13,713	38	8,177	------	------	4,356	2,356	636	1,364	------	80,997	80,272	725	159,007	3
21	9,264	23	7,941	------	------	6,529	2,408	580	3,541	------	96,354	95,738	616	187,657	4
267	82,235	120	21,175	47	7,042	24,830	878	983	22,969	------	122,794	120,754	2,040	321,425	5
15	9,557	------	------	------	------	1,225	375	257	593	------	61,469	61,130	339	105,511	6
224	99,726	1	529	13	1,702	44,356	31,982	2,205	10,044	125	229,780	223,347	6,433	553,491	7
1,352	570,858	126	42,150	3	832	121,260	8,200	11,138	101,922	------	1,221,786	1,190,784	31,002	2,115,901	8
1,294	587,674	------	------	14	1,749	116,023	72,448	16,794	24,957	1,824	890,909	823,070	67,839	3,242,883	9
5	1,800	12	1,850	------	------	2,265	132	346	1,787	------	32,621	32,346	275	53,980	10
111	53,835	106	29,689	------	------	13,797	3,632	1,336	13,829	------	282,695	280,256	2,439	497,431	11
240	100,607	3	758	2	360	41,407	33,421	2,926	4,560	500	223,220	216,851	6,369	658,613	12
434	114,988	170	35,867	6	600	23,106	520	1,199	21,387	------	631,856	628,736	3,120	864,090	13
179	79,936	1	200	2	400	24,114	6,871	3,115	14,128	------	446,002	441,654	4,348	725,005	14
22	8,389	32	7,236	2	300	3,390	817	383	2,190	------	64,589	63,324	1,265	107,819	15
86	32,605	220	41,470	17	3,152	10,975	4,076	1,173	5,726	------	95,462	93,051	2,411	232,776	16
363	130,714	37	7,177	19	3,082	25,902	4,200	2,320	19,382	------	337,940	334,700	3,240	597,121	17
56	30,599	------	------	------	------	17,226	2,775	281	4,170	10,000	75,299	73,478	1,821	154,880	18
1,037	481,099	269	42,268	28	4,282	227,108	65,908	15,433	145,692	75	2,338,967	2,277,128	61,839	4,165,511	19
3,510	1,180,437	1	150	98	14,953	161,722	14,622	25,026	120,230	1,844	552,447	123,814	428,633	2,931,211	20
341	156,458	------	------	1	208	32,270	464	3,193	19,613	9,000	578,146	572,390	5,756	943,068	21
184	82,171	30	4,589	13	2,632	11,628	2,247	1,879	7,502	------	250,098	248,211	1,887	496,850	22
2,913	1,511,898	3	624	13	1,959	1,042,553	16,814	8,384	38,670	978,685	3,770,975	3,765,168	5,807	7,840,628	23
21	7,064	25	4,296	4	402	2,040	1,380	173	487	------	10,283	9,825	458	41,545	24
2,205	783,819	31	5,993	53	7,851	155,375	2,836	14,838	137,701	------	1,595,741	1,563,095	32,646	3,149,588	25
70	31,481	7	2,500	------	------	2,629	120	331	2,178	------	44,695	43,675	1,020	87,594	26
6,284	2,702,795	198	52,811	8	1,174	674,971	37,332	67,244	567,025	3,370	6,986,043	6,882,201	103,842	12,742,243	27
8,076	4,323,459	5	1,642	------	------	171,355	------	33,490	131,072	6,793	5,454,676	5,356,680	97,996	10,242,422	28
3,337	1,550,764	------	------	------	------	224,009	------	12,978	211,031	------	6,287,256	6,185,162	102,094	9,006,577	29
5	1,755	------	------	------	------	38	25	8	5	------	1,375	1,375	------	5,320	30
105	54,516	5	1,266	8	969	15,724	1,085	1,668	12,667	304	711,059	697,218	13,841	929,858	31
294	153,408	2	660	1	105	74,406	30	5,183	69,193	------	487,066	444,647	42,419	1,037,832	32
7	3,276	28	5,865	------	------	25,924	120	424	25,380	------	40,693	40,363	330	181,950	33
1,337	709,125	759	191,521	5	538	253,525	117,672	11,021	92,499	32,333	1,292,073	1,274,656	17,417	3,324,403	34
264	104,230	2,638	529,896	6	625	101,495	17,077	8,183	56,235	20,000	2,005,942	1,987,005	18,937	3,367,831	35
15	13,281	378	203,883	4	551	39,845	26,825	846	6,474	5,700	154,972	150,379	4,593	638,979	36
55	41,013	1,209	225,232	------	------	30,471	8,988	1,336	20,147	------	650,040	646,281	3,759	1,256,716	37
45	19,015	58	14,460	1	120	19,199	3,935	2,102	13,162	------	988,162	984,219	3,943	1,158,811	38
374	173,354	63	15,160	------	------	52,004	200	7,330	44,474	------	373,480	365,919	7,561	799,393	39
432	199,362	377	72,495	13	1,965	123,801	50,451	6,287	66,463	600	1,142,986	1,127,100	15,886	2,112,780	40
1,350	502,279	------	------	4	1,000	41,212	3,595	6,139	31,478	------	1,111,004	1,102,407	8,597	2,060,456	41
376	123,259	997	195,150	48	5,540	71,648	------	12,455	59,193	------	700,557	676,469	24,088	1,335,007	42
739	224,936	0	1,750	------	------	54,617	48	3,215	51,314	40	243,052	224,812	18,240	812,883	43
18	7,688	11	3,584	------	------	23,548	1,893	286	21,369	------	39,604	38,987	617	108,261	44
50	22,414	30	8,168	3	510	13,174	9,479	347	3,060	288	15,333	13,234	2,099	113,926	45
715	304,922	166	35,433	------	------	89,172	3,670	2,672	70,930	11,900	784,393	760,904	23,489	1,586,229	46

TABLE 7.—MANUFACTURES BY

	Manufacturing and mechanical industries.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
47	Electrical construction and repairs	19	$42,423	----------	$500	$4,664	$37,259	18	12	$8,926	69	$31,570
48	Electroplating	9	12,365	$700	1,900	7,415	2,350	11	1	200	19	8,946
49	Engraving and diesinking	3	6,600	600	900	2,600	2,500	3	1	520	8	2,938
50	Explosives	6	876,146	27,250	181,825	78,114	588,957	--------	37	55,400	245	118,979
51	Fancy articles, not elsewhere specified	8	50,224	801	6,002	6,132	37,289	10	5	2,799	133	35,651
52	Fertilizers	14	215,875	8,675	26,350	30,500	150,350	19	18	11,640	45	18,640
53	Flavoring extracts	3	7,275	900	1,500	325	4,550	2	5	3,440	5	1,200
54	Flouring and grist mill products	897	10,734,544	923,427	2,223,946	4,034,603	3,552,568	1,207	286	276,708	2,124	1,010,877
55	Food preparations	12	342,750	51,500	63,428	46,749	181,073	14	27	16,124	141	55,069
56	Foundry and machine shop products	337	14,820,001	994,715	2,346,049	3,583,936	7,895,301	331	795	797,094	10,339	4,616,775
57	Fruits and vegetables, canning and preserving.	60	1,205,494	104,151	284,009	225,005	592,329	46	155	112,174	2,002	386,457
58	Fur goods	7	7,450	----------	----------	1,610	5,840	6	2	1,480	49	23,990
59	Furnishing goods, men's	3	1,875	----------	----------	225	1,650	3	1	50	7	2,731
60	Furniture, cabinetmaking, repairing, and upholstering.	159	222,734	38,465	41,881	44,858	97,530	187	14	7,837	256	120,570
61	Furniture, factory product	129	7,666,064	535,714	1,405,800	1,301,607	4,422,943	82	496	430,697	7,149	2,539,888
62	Gas, illuminating and heating	39	7,745,659	533,090	586,047	6,335,896	290,626	--------	146	89,324	340	172,431
63	Gas machines and meters	5	26,550	300	1,700	6,050	18,500	4	9	5,100	25	10,235
64	Glass	110	12,775,389	626,095	4,132,329	2,936,890	5,080,075	24	509	649,227	13,015	7,226,047
65	Gloves and mittens	5	179,494	12,000	28,500	15,953	123,041	6	27	13,300	288	62,327
66	Glue	3	204,653	23,000	24,780	43,308	113,565	2	5	9,660	75	36,128
67	Grease and tallow	7	73,568	16,050	13,500	6,313	37,705	7	1	400	37	16,491
68	Hairwork	4	4,220	----------	----------	420	3,800	4	--------	----------	10	2,496
69	Hand stamps	4	4,950	----------	----------	3,400	1,550	3	5	2,210	11	5,398
70	Hardware	7	427,301	34,500	44,500	119,488	228,813	3	29	37,934	428	164,063
71	Hardware, saddlery	3	63,565	8,000	11,260	12,185	32,120	3	6	3,385	99	30,291
72	Hones and whetstones	6	11,770	8,100	590	1,080	2,000	7	--------	----------	13	4,000
73	Hosiery and knit goods	7	2,728,306	76,200	188,602	375,771	2,087,733	--------	103	201,085	2,016	703,129
74	House furnishing goods, not elsewhere specified.	4	43,706	500	2,850	13,001	27,355	2	6	4,780	27	7,499
75	Ice, manufactured	47	1,530,603	138,850	257,000	1,040,078	94,675	35	61	43,856	343	161,902
76	Iron and steel	27	14,994,210	1,078,500	1,558,912	6,991,201	5,365,597	--------	205	266,764	7,579	4,243,831
77	Iron and steel, forgings	4	219,223	5,750	23,773	68,587	121,113	1	12	8,058	185	87,960
78	Ironwork, architectural and ornamental.	15	786,983	54,704	95,600	160,161	476,518	19	47	51,511	529	251,896
79	Leather goods	4	13,305	4,000	5,000	1,428	2,877	5	2	210	12	3,241
80	Leather, tanned, curried, and finished	23	1,321,455	54,013	152,950	98,122	1,016,370	27	27	26,872	400	161,942
81	Lime and cement	35	652,913	144,120	228,039	196,112	84,642	24	37	26,560	523	182,051
82	Liquors, distilled	24	1,325,900	74,630	365,615	444,605	441,050	26	38	62,922	236	112,049
83	Liquors, malt	42	6,347,997	666,976	1,767,970	1,414,525	2,498,526	26	205	317,721	1,045	601,638
84	Liquors, vinous	3	26,720	520	7,400	3,800	15,000	5	--------	----------	13	4,612
85	Lock and gun smithing	57	38,800	6,080	6,950	15,165	10,605	61	1	900	28	11,048
86	Looking-glass and picture frames	33	53,530	6,100	7,100	4,115	36,215	37	7	4,156	70	29,818
87	Lumber and timber products	1,849	10,947,574	1,864,061	772,621	2,873,918	5,436,974	2,471	408	316,672	9,503	3,608,932
88	Lumber, planing mill products, including sash, doors, and blinds.	205	3,394,054	403,020	460,973	639,339	1,890,722	257	189	160,210	2,115	879,544
89	Marble and stone work	72	1,241,001	240,795	102,417	549,414	348,375	70	70	76,274	1,149	514,231
90	Masonry, brick and stone	243	545,602	53,325	55,490	131,681	305,106	307	40	31,464	2,105	1,081,516
91	Mattresses and spring beds	24	297,391	26,200	58,850	65,925	146,416	23	43	25,989	301	108,612
92	Millinery and lace goods	3	29,036	----------	----------	12,136	16,900	--------	8	7,940	86	29,198
93	Millinery, custom work	854	982,392	107,520	143,830	42,224	688,818	1,012	133	40,708	1,412	324,905
94	Mineral and soda waters	65	257,734	35,660	56,050	97,000	69,024	75	10	6,960	148	60,326
95	Mirrors	6	153,287	9,450	16,651	17,153	110,033	8	5	4,000	224	96,949
96	Models and patterns	9	38,280	1,300	3,363	21,293	12,324	11	2	1,564	50	32,096
97	Monuments and tombstones	182	532,646	84,485	59,900	35,939	352,322	232	58	29,169	396	202,193
98	Mucilage and paste	4	11,025	650	1,600	825	7,950	5	2	1,340	5	2,060
99	Musical instruments and materials, not specified.	6	174,843	25,150	10,200	26,652	112,841	8	19	8,584	227	116,396
100	Musical instruments, organs and materials.	4	331,073	4,498	61,194	23,446	241,935	4	20	22,181	192	100,391
101	Oil, essential	7	18,425	14,235	1,020	1,950	1,220	7	--------	----------	13	2,903
102	Oleomargarine	8	137,393	17,700	15,700	24,500	79,493	--------	27	27,790	70	38,968
103	Painting, house, sign, etc	424	250,966	30,975	36,935	36,011	147,045	515	20	13,181	867	436,827
104	Paints	5	132,431	----------	7,463	50,751	74,217	1	13	11,166	33	13,641
105	Paper and wood pulp	39	5,379,227	371,615	1,141,389	2,439,153	1,427,070	12	134	186,394	1,816	723,972
106	Paper goods, not elsewhere specified	5	172,871	7,800	16,200	44,500	104,371	--------	14	15,176	248	73,760
107	Paper hanging	67	119,195	25,235	18,090	3,995	71,875	81	19	6,096	139	74,645
108	Patent medicines and compounds	88	877,436	66,917	117,608	81,920	610,991	84	309	240,840	582	211,297
109	Paving and paving materials	108	920,827	151,463	79,416	234,899	455,049	129	66	47,941	1,904	663,767
110	Perfumery and cosmetics	6	6,175	40	160	1,375	4,600	9	3	780	9	2,926
111	Photography	326	366,625	48,152	62,774	150,147	105,552	358	27	16,875	264	104,994
112	Photolithographing and photoengraving.	3	8,425	----------	----------	5,125	3,300	4	4	3,468	29	15,540
113	Pickles, preserves, and sauces	12	324,728	45,500	42,510	59,050	177,668	9	36	31,218	151	50,284
114	Pipes, tobacco	4	12,779	100	400	6,879	5,400	3	8	7,207	24	6,324
115	Plastering and stuccowork	149	88,832	11,700	16,125	13,581	47,426	185	2	704	406	206,568
116	Plumbers' supplies	3	188,300	23,000	22,300	36,500	106,500	1	11	16,170	158	85,880

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
67	$31,346			2	$224	$5,392	$3,970	$195	$1,127	$100	$93,511	$92,964	$547	$172,708	47
17	8,218	2	$728			1,993	844	135	1,014		9,756	9,122	634	27,638	48
8	2,938					286	120	51	115		1,915	1,805	110	9,770	49
217	114,299	28	4,680			43,546	25	3,081	38,440	2,000	610,209	592,000	18,209	976,247	50
65	25,741	68	9,910			5,780	1,098	435	2,747	1,500	54,430	53,702	728	151,117	51
45	18,640					9,602	1,100	1,389	7,113		159,089	156,149	2,940	255,331	52
3	900	2	300			885	450	100	335		14,410	14,333	77	21,451	53
2,102	1,005,415	16	4,720	6	742	570,830	22,015	91,209	457,606		25,664,120	25,352,806	311,314	30,150,766	54
104	43,805	36	11,074	1	130	34,316	3,388	1,101	29,827		624,678	618,154	6,524	826,807	55
10,246	4,596,855	50	13,329	43	6,591	1,095,758	59,895	79,467	885,337	71,059	8,326,352	8,045,765	280,587	17,228,096	56
824	219,239	1,068	156,473	110	10,745	165,755	2,835	6,619	154,493	1,808	1,526,088	1,505,281	20,807	2,589,908	57
11	9,590	38	14,400			3,024	1,756	52	1,216		34,954	34,766	188	79,419	58
2	1,456	5	1,275			189	182		7		1,405	1,391	14	6,956	59
234	116,650	12	2,326	10	1,594	21,817	15,068	2,195	4,174	380	191,916	187,220	4,696	489,391	60
6,658	2,467,421	337	51,130	154	21,337	535,938	22,235	44,362	433,303	36,038	4,032,043	3,948,993	83,050	8,769,509	61
340	172,431					184,095	700	47,050	136,345		255,864	229,881	25,983	1,034,442	62
28	9,835			2	400	2,305	675	310	1,045	275	18,515	18,290	225	46,005	63
10,910	6,808,042	634	129,808	1,471	288,197	690,165	780	59,550	625,835	4,000	4,582,141	4,226,841	355,300	14,757,883	64
46	20,847	219	38,072	23	3,408	13,789	120	883	12,786		205,090	203,653	1,437	327,246	65
75	36,128					9,629	340	525	8,764		148,735	136,779	11,956	222,839	66
37	16,491					3,431	300	341	2,790		55,937	54,427	1,510	96,281	67
		10	2,496			1,534	980	5	549		5,942	5,900	42	13,900	68
9	4,982			2	416	3,937	2,226	66	645	1,000	7,264	7,075	189	28,000	69
398	155,338	12	3,100	18	5,625	19,542	1,440	1,924	16,178		207,062	199,934	7,128	586,624	70
99	30,291					3,582	10	448	3,124		39,817	38,953	864	127,500	71
13	4,000					626	120	96	410		3,197	2,972	225	11,500	72
1,032	518,724	874	175,925	110	8,480	108,442		8,373	100,069		1,200,483	1,182,248	18,235	2,424,304	73
18	4,755	3	1,316	6	1,428	1,769	600	96	1,073		32,296	32,164	132	53,868	74
343	161,902					67,954	2,025	12,609	53,320		121,390	55,710	65,680	544,005	75
7,427	4,204,888	72	15,927	80	23,016	376,844		29,498	347,202	144	12,438,754	11,851,284	587,470	19,338,481	76
185	87,960					9,015	1,800	852	6,363		137,155	131,900	5,255	304,220	77
529	251,896					99,066	2,126	3,518	34,922	58,500	532,968	523,591	9,377	1,059,249	78
4	1,641	8	1,600			621	240	136	245		3,056	3,011	45	8,515	79
400	161,942					61,747	2,166	5,460	54,121		1,187,397	1,177,248	10,149	1,589,802	80
522	181,901			1	150	22,900	2,762	4,789	12,349	3,000	242,956	143,815	99,141	542,979	81
236	112,049					14,340,455		9,427	14,317,353	13,675	1,929,865	1,827,358	102,507	16,961,058	82
1,020	596,567	15	3,320	10	1,751	2,534,285	715	52,042	2,481,528		1,127,079	994,015	133,064	5,777,047	83
13	4,612					1,652		90	1,562		6,070	6,040	30	18,400	84
22	9,809	4	1,047	2	192	6,868	5,695	481	692		22,722	21,610	1,112	84,064	85
66	28,848	4	970			7,785	5,292	538	1,955		67,752	67,212	540	145,744	86
9,403	3,591,972	17	3,886	83	13,074	469,306	35,106	83,454	350,746		11,316,001	11,308,213	7,788	20,613,724	87
2,097	875,515	15	3,439	3	590	259,818	21,901	31,380	112,637	93,900	2,957,266	2,921,056	36,210	5,088,669	88
1,135	511,821			14	2,410	85,695	7,156	9,236	69,298	5	408,900	370,390	38,510	1,442,225	89
2,096	1,079,795			9	1,721	203,102	5,240	4,285	21,440	172,137	1,717,407	1,708,885	8,522	3,569,463	90
188	86,214	104	21,011	9	1,387	20,940	3,941	1,542	15,457		289,963	286,526	3,437	520,181	91
13	8,572	73	20,626			3,533	2,220	115	1,198		43,786	42,794	992	104,010	92
5	2,367	1,396	320,959	11	1,579	185,878	136,897	10,509	38,256	216	1,573,871	1,560,899	12,972	2,860,351	93
137	58,377	3	830	8	1,119	24,194	4,077	2,308	17,809		93,454	89,897	3,557	305,361	94
219	96,349			5	600	18,143	1,040	623	16,480		438,373	436,477	1,896	609,206	95
49	31,911	1	185			2,515	759	423	1,333		15,268	14,266	1,002	78,043	96
391	201,337	1	250	4	606	31,468	10,757	5,043	14,588	1,080	644,550	641,463	3,087	1,218,418	97
4	1,720	1	340			993	240	36	717		8,936	8,746	190	26,155	98
213	111,300	14	5,096			39,649	1,299	1,807	36,543		39,104	37,889	1,215	205,700	99
185	99,161			7	1,230	35,299		1,467	33,832		131,425	126,886	4,539	314,719	100
13	2,903					366		152	214		2,876	2,571	305	14,180	101
62	36,378	8	2,590			228,726	750	2,640	225,336		702,749	698,149	4,600	1,107,284	102
860	435,754	3	502	4	571	33,417	20,354	2,383	10,079	601	412,986	410,747	2,239	1,330,971	103
27	12,835	6	806			17,330	4,381	450	10,999	1,500	111,015	110,247	768	165,335	104
1,720	698,245	93	25,227	3	500	226,156	5,573	25,792	192,791	2,000	2,470,623	2,261,795	208,828	4,170,497	105
82	37,781	148	32,734	18	3,245	50,474	1,650	1,406	47,418		205,802	203,813	1,989	385,523	106
139	74,645					13,894	8,792	1,643	3,459		128,198	127,556	642	300,421	107
223	123,612	342	85,585	17	2,100	903,082	9,122	7,500	886,460		678,638	672,369	6,269	2,358,701	108
1,902	663,295			2	472	89,833	9,001	4,222	43,958	32,652	966,100	949,068	17,032	2,292,678	109
3	1,716	6	1,210			1,935	526	23	1,386		9,187	9,115	72	20,200	110
174	84,367	87	20,327	3	300	66,472	45,433	3,932	16,635	472	230,845	223,698	7,147	751,639	111
29	15,540					3,588	909	22	2,657		4,950	4,057	893	38,270	112
76	33,216	75	17,068			39,649	1,398	1,364	36,887		398,543	393,521	5,022	562,364	113
17	5,325	3	599	4	400	1,015	548	42	425		8,267	8,026	241	21,207	114
398	205,018	6	950	2	600	12,334	2,820	910	3,410	5,194	246,335	246,074	261	619,736	115
158	85,880					30,040		747	29,293		182,187	172,932	9,255	325,050	116

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
117	Plumbing, and gas and steam fitting	326	$980,537	$91,286	$98,010	$113,854	$677,387	435	97	$53,865	1,161	$582,167
118	Pottery, terra cotta, and fire-clay products.	49	1,525,658	182,163	442,676	301,136	599,683	40	60	59,673	1,250	531,242
119	Printing and publishing, book and job	155	1,444,571	70,850	90,215	666,963	616,543	167	249	175,414	1,303	558,676
120	Printing and publishing, newspapers and periodicals.	638	4,792,139	207,450	558,068	2,670,216	1,356,405	680	665	615,036	4,084	1,784,059
121	Pumps, not including steam pumps	13	211,065	13,846	13,653	20,877	162,689	11	21	17,052	90	40,136
122	Roofing and roofing materials	70	226,920	22,252	34,542	41,267	128,859	79	29	25,305	232	97,683
123	Saddlery and harness	584	1,611,032	138,921	241,790	148,847	1,111,474	655	98	80,260	1,099	470,424
124	Sausage	4	17,350	6,150	6,650	3,750	800	6			9	5,300
125	Saws	4	1,181,124	97,750	94,558	121,803	867,013	2	64	77,152	647	346,743
126	Scales and balances	3	130,103	2,000	6,800	7,300	114,003	1	14	8,650	42	21,160
127	Sewing machine cases	3	1,032,027	46,000	117,500	157,902	710,625	3	19	82,009	1,707	619,050
128	Sewing machine repairing	8	2,360			450	1,910	8				
129	Ship and boat building, wooden	14	350,907	27,501	19,855	25,351	278,200	16	9	8,020	343	160,379
130	Shirts	18	332,449	3,000	40,000	33,999	255,450	14	20	17,468	834	274,753
131	Slaughtering and meat packing, wholesale.	25	8,658,034	437,536	1,718,347	1,402,127	5,100,024	27	298	311,103	3,550	1,537,024
132	Slaughtering, wholesale, not including meat packing.	11	202,250	39,350	49,200	49,250	64,450	13	5	3,500	47	28,728
133	Soap and candles	13	359,590	10,350	101,000	80,430	167,810	16	22	24,355	121	43,704
134	Starch	4	2,872,833	806,500	493,925	1,294,034	278,374	2	7	7,871	210	89,200
135	Stationery goods, not elsewhere specified.	5	12,900			3,900	9,000	5	3	240	19	3,899
136	Steam fittings and heating apparatus	7	315,841	21,400	45,800	65,031	184,110	3	22	20,840	284	131,582
137	Stereotyping and electrotyping	3	39,000			20,500	18,500	3	4	4,175	41	22,000
138	Sugar and molasses, refining	19	10,974	810	2,345	7,020	799	20	1	125	18	4,164
139	Surgical appliances	4	57,375			1,575	55,800	5	15	10,520	28	9,645
140	Tinsmithing, coppersmithing, and sheet-iron working.	512	1,406,532	136,007	259,765	240,291	770,469	609	199	150,735	1,326	571,015
141	Tobacco, chewing, smoking, and snuff	11	17,190	1,365	4,150	2,145	9,530	13	4	1,500	28	8,490
142	Tobacco, cigars and cigarettes	474	808,889	76,051	100,555	35,966	596,317	518	69	53,942	1,910	694,786
143	Tools, not elsewhere specified	15	486,747	24,950	79,425	167,718	214,654	14	28	23,840	499	205,815
144	Toys and games	3	192,725	20,250	43,800	40,575	88,100	2	5	3,500	298	88,347
145	Trunks and valises	9	18,750	650	1,000	1,100	16,000	11	3	1,424	27	11,406
146	Upholstering materials	7	35,668	950	6,550	15,000	13,168	10	5	2,740	40	14,530
147	Varnish	3	208,039	11,556	57,056	23,322	116,105		25	32,480	18	9,632
148	Vinegar and cider	59	73,308	10,602	12,078	26,155	24,473	67	4	4,872	37	10,653
149	Washing machines and clothes wringers.	17	172,584	8,850	23,200	45,138	95,396	19	22	17,160	174	55,652
150	Watch, clock, and jewelry repairing	445	310,132	27,615	41,825	96,282	144,410	437	6	1,790	259	138,445
151	Windmills	3	832,467	30,775	93,028	74,886	633,778	1	28	26,343	303	125,079
152	Wirework, including wire rope and cable.	27	638,532	35,680	56,725	188,874	357,253	25	68	47,172	320	121,578
153	Wood, turned and carved	58	920,991	55,270	118,274	221,612	525,835	62	67	53,638	1,076	397,449
154	Woolen goods	20	1,849,263	57,375	288,799	525,997	977,092	12	58	68,148	1,048	306,822
155	Zinc, smelting and refining	3	144,835	7,250	108,451	21,690	7,441	1	8	7,650	119	58,138
156	All other industries[1]	105	18,609,605	433,450	1,837,238	7,903,656	8,415,267	71	457	465,199	5,393	2,653,496

[1] Embraces artificial limbs, 2; axle grease, 1; bags, other than paper, 1; bags, paper, 1; bells, 1; billiard tables and materials, 2; boot and shoe cut stock, 2; boot and shoe findings, 1; boot and shoe uppers, 1; calcium lights, 1; carpets and rugs, other than rag, 1; carpets, wood, 2; cars and general shop construction and repairs by street railroad companies, 1; cheese and butter, urban dairy products, 1; china decorating, 1; clocks, 1; clothing, horse, 1; coke, 1; corsets, 2; cotton small wares, 1; cotton waste, 1; dentists' materials, 2; dyeing and finishing textiles, 1; engraving, steel, including plate printing, 1; engraving, wood, 1; felt goods, 1; files, 2; foundry supplies, 1; fur hats, 1; glass, cutting, staining, and ornamenting, 2; hats and caps, not including fur hats and wool hats, 2; ink, writing, 1; instruments, professional and scientific, 2; iron and steel, bolts, nuts, washers, and rivets, 2; iron and steel, nails and spikes, cut and wrought, including

TABLE 8.—MANUFACTURES IN CITIES

ANDERSON.

1	All industries	311	$5,709,965	$368,396	$872,146	$1,747,742	$2,721,681	337	269	$260,394	4,583	$2,363,994
2	Bicycle and tricycle repairing	9	25,075	700	2,000	4,125	18,250	13	1	520	13	7,419
3	Blacksmithing and wheelwrighting	17	8,750	1,700	1,900	2,025	3,125	22			13	7,324
4	Boots and shoes, custom work and repairing.	13	9,560	5,000	300	2,360	1,900	13			3	1,275
5	Bread and other bakery products	5	27,600	6,700	6,900	8,500	5,500	5	8	2,850	24	12,200
6	Carpentering	38	109,760	1,800	1,200	6,870	99,890	45			131	86,715
7	Carriages and wagons	4	101,150	18,000	29,500	7,400	46,250	4	7	4,400	60	42,900
8	Clothing, men's, custom work and repairing.	14	49,350	7,000	11,600	2,350	28,400	16	5	3,125	57	34,825
9	Clothing, women's, dressmaking	17	4,872	400	800	1,485	2,187	19			41	8,910
10	Confectionery	6	27,700	3,000	5,000	11,300	8,400	8	1	400	26	12,450
11	Flouring and grist mill products	5	73,700	7,850	12,050	27,000	26,800	7	1	900	10	4,784
12	Foundry and machine shop products	7	325,300	20,500	43,800	90,000	171,000	5	24	19,000	268	184,750
13	Furniture, cabinetmaking, repairing, and upholstering.	3	3,500	300	200	500	2,500	4			4	2,450
14	Glass	5	393,300	22,000	138,000	41,500	191,800		36	49,370	583	421,149
15	Iron and steel	3	1,485,912	92,000	160,000	511,391	722,521		23	38,144	724	475,001
16	Looking-glass and picture frames	3	1,490			140	1,350	3			4	1,500

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
1,134	$577,306	7	$1,610	20	$3,251	$100,604	$51,681	$7,756	$34,427	$6,740	$1,609,651	$1,599,369	$10,282	$3,047,723	117
1,025	487,419	199	38,553	26	5,270	79,553	3,183	8,394	67,550	426	312,195	207,265	104,930	1,291,318	118
977	490,865	284	62,585	42	5,226	521,519	50,949	9,499	120,122	340,949	688,499	668,648	19,851	2,334,572	119
2,793	1,490,847	988	256,180	303	37,032	577,187	97,512	27,720	293,968	157,987	1,442,214	1,384,363	57,851	6,093,191	120
87	39,826			3	310	16,045	3,209	4,708	5,418	2,710	105,211	103,613	1,598	235,918	121
230	97,429			2	254	20,092	5,294	1,774	12,930	94	322,231	315,828	6,403	575,260	122
1,051	459,735	34	8,021	14	2,668	113,326	53,948	14,483	41,710	3,185	1,467,864	1,452,779	15,085	2,720,284	123
9	5,300					632	120	182	330		22,386	22,009	377	31,680	124
647	346,743					145,736	960	5,833	138,943		707,325	696,399	10,926	1,590,305	125
42	21,160					15,481	100	270	9,723	5,388	32,403	31,227	1,176	129,953	126
1,540	592,659	12	3,458	155	22,933	57,298	27,550	7,929	21,819		1,004,760	985,245	19,515	1,725,369	127
						1,119	647	10	282	180	1,651	1,575	76	4,882	128
343	160,379					41,261	85	1,132	40,044		195,243	193,972	1,271	465,207	129
86	37,757	748	236,996			27,708	4,512	1,546	6,650	15,000	482,550	479,167	3,383	920,320	130
3,111	1,426,800	387	101,499	52	8,725	522,069	3,190	47,256	471,623		37,760,871	37,680,733	80,138	42,891,243	131
46	28,628			1	100	8,887	446	1,146	7,295		847,970	842,960	5,010	971,030	132
82	33,450	35	9,654	4	600	42,873	2,052	2,186	38,635		336,643	332,693	3,950	526,163	133
174	82,735	36	6,465			22,676	132	3,004	19,540		549,830	527,912	21,918	989,639	134
1	775	18	3,124			1,468	538	110	820		9,088	8,988	100	20,750	135
282	130,982			2	600	15,984	1,700	1,063	13,221		194,239	179,609	14,630	453,495	136
41	22,000					19,088	2,440	198	16,450		8,532	6,962	1,570	68,000	137
17	3,942	1	222			349	5	104	240		11,726	10,645	1,081	19,761	138
26	9,133	2	512			3,283	848	85	2,350		13,109	12,987	122	78,100	139
1,196	553,198	41	8,009	89	9,808	140,795	40,835	13,038	51,985	34,937	1,610,070	1,589,859	20,211	3,183,634	140
20	7,150	6	1,140	2	200	23,054	534	194	22,326		16,078	15,885	193	58,230	141
1,116	540,010	699	142,001	95	12,775	395,975	44,902	6,640	344,408	25	918,360	911,289	7,071	2,537,077	142
474	202,214	4	1,110	21	2,491	20,579	956	2,411	11,212	6,000	299,779	286,542	13,237	684,003	143
265	80,487	2	345	31	7,515	7,913	360	2,078	5,475		162,364	161,169	1,195	279,914	144
27	11,406					6,820	5,800	259	761		16,428	16,086	342	50,042	145
40	14,530					3,482	644	352	1,586	900	30,689	28,480	2,209	60,084	146
18	9,632					9,954		1,407	8,547		143,514	142,539	975	237,502	147
34	10,327	1	139	2	187	2,497	1,198	470	829		38,195	35,926	2,269	105,745	148
173	55,352	1	300			21,744	4,558	1,316	15,870		116,193	113,130	3,063	251,565	149
249	136,726	4	950	6	769	69,294	52,623	3,551	12,480	640	155,124	149,278	5,846	645,774	150
303	125,079					114,090		2,629	111,461		256,535	249,606	6,929	770,813	151
309	118,522	9	2,756	2	300	46,306	3,553	4,308	38,445		546,501	541,220	5,281	1,099,723	152
1,053	393,873	17	2,658	6	918	64,244	3,387	8,820	51,737	300	602,794	593,972	8,822	1,428,106	153
432	169,875	571	129,266	45	7,681	97,855	1,660	12,093	84,102		876,659	846,385	30,274	1,491,218	154
119	58,138					5,588		394	5,194		387,399	379,341	8,058	445,643	155
4,803	2,519,426	527	124,068	63	10,002	684,052	14,386	59,347	606,312	4,007	22,172,237	21,487,592	684,645	28,360,007	156

wire nails, 2; iron and steel, pipe, wrought, 1; jewelry, 1; jute and jute goods, 1; lamps and reflectors, 2; lard, refined, 1; lithographing and engraving, 2; malt, 2; mantels, slate, marble, and marbleized, 1; musical instruments, pianos and materials, 1; oil, lard, 1; oil, linseed, 2; oil, not elsewhere specified, 1; optical goods, 2; pens, fountain and stylographic, 1; petroleum, refining, 1; photographic apparatus, 1; plated and britannia ware, 2; printing materials, 2; refrigerators, 2; regalia and society banners and emblems, 1; registers, cash, 1; rubber and elastic goods, 2; safes and vaults, 1; shipbuilding, iron and steel, 1; shoddy, 1; show cases, 2; soda water apparatus, 1; springs, steel, car and carriage, 2; stamped ware, 2; taxidermy, 2; tin and terne plate, 5; tobacco, stemming and rehandling, 1; typewriter repairing, 2; wheelbarrows, 1; window shades, 2; wood, preserving, 1; woodenware, not elsewhere specified, 2; wool pulling, 1.

BY SPECIFIED INDUSTRIES: 1900.

ANDERSON.

3,886	$2,214,554	367	$79,635	330	$69,805	$418,526	$30,840	$43,598	$332,518	$11,570	$6,204,219	$6,033,722	$170,497	$10,941,854	1
11	6,640	1	529	1	250	2,456	1,410	121	925		27,073	26,884	189	50,000	2
13	7,324					2,001	1,482	113	406		9,434	8,880	554	36,375	3
3	1,275					1,351	1,011	147	193		5,901	5,700	201	18,930	4
22	11,800	1	250	1	150	1,818	360	398	1,060		37,084	36,569	515	69,594	5
125	85,715			6	1,000	7,765	408	607	4,430	2,320	235,400	235,230	170	401,120	6
58	42,500	2	400			1,700		700	1,000		51,730	50,930	800	121,910	7
46	31,550	11	3,275			4,857	2,922	515	1,420		36,592	36,112	480	99,050	8
		41	8,910			1,558	1,271	83	204		5,023	4,840	183	29,760	9
21	11,100	2	800	3	550	2,397	1,235	257	905		31,472	30,995	477	69,800	10
10	4,784					2,539		588	1,951		126,616	124,839	1,777	161,534	11
263	183,600			5	1,150	16,350	1,300	2,600	12,450		200,390	192,930	7,460	524,000	12
4	2,450					700	405	45	250		4,015	3,955	60	10,000	13
383	375,649			200	45,500	16,588		3,240	13,348		184,459	167,607	16,852	738,169	14
716	472,833			8	2,168	87,011		6,820	80,191		1,561,996	1,481,069	80,927	2,657,456	15
3	1,350	1	150			680	480	50	150		1,925	1,895	30	5,750	16

TABLE 8.—MANUFACTURES IN CITIES

ANDERSON—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
17	Lumber and timber products	3	$25,800	$6,000	$1,000	$5,800	$13,000	4	1	$500	22	$8,400
18	Lumber, planing mill products, including sash, doors, and blinds.	4	112,500	8,800	12,700	20,000	71,000	6	2	1,680	45	23,000
19	Masonry, brick and stone	19	55,635	400	400	12,210	42,625	23	1	600	286	154,230
20	Millinery, custom work	10	11,935			1,485	10,450	14	7	1,450	35	8,320
21	Painting, house, sign, etc	11	3,250			995	2,255	12			32	13,475
22	Photography	5	12,850	7,000	1,200	3,800	850	5			3	1,800
23	Plastering and stuccowork	10	8,040	300	250	545	6,945	14			40	20,100
24	Plumbing, and gas and steam fitting	7	33,375			2,375	31,000	11	2	1,150	29	13,725
25	Printing and publishing, book and job	5	8,800	100	400	6,400	1,900	7	8	1,600	7	3,100
26	Printing and publishing, newspapers and periodicals.	3	68,500	6,000	4,000	46,000	12,500	1	18	11,978	28	16,950
27	Roofing and roofing materials	5	29,888	1,150	2,070	3,450	23,218	5	3	3,580	20	8,900
28	Saddlery and harness	3	7,100			900	6,200	8			7	3,400
29	Tinsmithing, coppersmithing, and sheet-iron working.	5	7,700	300	200	2,600	4,600	7			14	8,650
30	Tobacco, cigars and cigarettes	7	5,040			1,440	3,600	9	1	500	18	8,695
31	Tools, not elsewhere specified	3	139,000	3,000	15,000	76,000	45,000	2	7	5,870	180	74,746
32	Watch, clock, and jewelry repairing	8	5,225			2,950	2,275	10			6	2,900
33	All other industries[1]	54	2,528,308	148,396	421,676	843,846	1,114,390	39	113	112,777	1,850	689,951

[1] Embraces agricultural implements, 1; awnings, tents, and sails, 1; bicycles and tricycles, 2; bookbinding and blank book making, 1; bottling, 1; boxes, fancy and paper, 1; brass castings and brass finishing, 2; brooms and brushes, 1; carriage and wagon materials, 2; cheese, butter, and condensed milk, factory product, 2; chemicals, 1; cooperage, 1; cutlery and edge tools, 1; dyeing and cleaning, 2; electrical apparatus and supplies, 1; electrical construction and repairs, 1; fancy articles, not elsewhere specified, 1; files, 1; furniture, factory product, 1; gas machines and meters, 1; ice, manufactured, 1; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; liquors, malt, 1; lock and gun smithing, 1; marble and stone work, 1; mineral

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1	All industries	705	$10,059,375	$1,271,993	$1,913,592	$2,841,612	$4,032,178	766	601	$621,332	7,279	$2,883,975
2	Agricultural implements	4	478,700	57,600	120,100	56,800	244,200	2	27	29,100	164	72,891
3	Bicycle and tricycle repairing	18	11,275	800	750	3,775	5,950	19	2	480	21	6,000
4	Blacksmithing and wheelwrighting	45	39,660	15,200	7,975	6,860	9,625	49			48	23,838
5	Boots and shoes, custom work and repairing.	35	23,365	5,150	5,025	5,370	7,820	35	3	3,600	26	12,236
6	Bread and other bakery products	23	169,851	15,900	41,600	67,643	44,708	22	24	15,114	81	28,096
7	Brick and tile	17	202,995	113,000	45,900	17,610	26,485	21	7	3,450	105	42,533
8	Brooms and brushes	5	93,020	2,400	7,900	12,185	70,535	4	18	20,640	70	32,702
9	Carpentering	50	54,600	14,541	16,489	6,480	17,090	54			147	77,168
10	Carpets, rag	3	3,365	650	1,050	1,580	85	3			2	750
11	Carriages and wagons	7	129,608	16,350	21,470	12,258	79,530	9	4	2,960	69	29,322
12	Cars and general shop construction and repairs by steam railroad companies.	3	105,342	13,500	19,400	20,269	52,173		11	8,304	216	132,334
13	Clothing, men's, custom work and repairing.	27	50,682	5,600	5,800	3,297	35,985	33	1	450	64	33,655
14	Clothing, men's, factory product	4	220,657	1,000	6,000	18,300	195,357	5	34	38,441	365	116,500
15	Clothing, women's, dressmaking	29	9,370	1,900	2,800	2,485	2,185	32			142	27,417
16	Coffee and spice, roasting and grinding	3	27,200	2,000	4,500	4,700	16,000	6	6	4,975	12	5,855
17	Confectionery	14	47,805	6,700	10,750	9,950	20,405	18	9	3,450	44	19,356
18	Cooperage	11	32,342	6,050	5,950	11,392	8,950	15	3	2,624	108	40,080
19	Dyeing and cleaning	5	2,385			1,685	700	6	1	312	11	3,340
20	Flouring and grist mill products	12	509,365	30,550	71,400	155,435	251,980	12	22	25,122	111	44,818
21	Foundry and machine shop products	12	830,106	83,900	159,049	136,200	450,957	12	57	71,654	477	252,533
22	Furniture, cabinetmaking, repairing, and upholstering.	8	16,675	5,095	3,115	2,915	5,550	6	3	2,400	30	11,100
23	Furniture, factory product	18	759,875	99,400	151,900	152,890	355,685	9	75	68,994	927	265,335
24	Ice, manufactured	3	291,600	38,100	52,500	180,000	21,000	1	9	7,506	58	26,691
25	Liquors, malt	3	1,210,000	210,000	340,000	332,000	328,000		30	55,250	181	104,789
26	Lock and gun smithing	6	3,050			1,750	1,300	6			1	720
27	Looking-glass and picture frames	3	10,250	2,500	2,500	600	4,650	6			8	4,850
28	Lumber and timber products	10	909,350	177,400	44,325	178,200	509,425	11	21	26,800	428	254,920
29	Lumber, planing mill products, including sash, doors, and blinds.	10	248,295	25,600	27,361	66,468	128,866	12	16	15,868	226	80,695
30	Masonry, brick and stone	21	42,043	3,850	11,125	13,748	13,320	26	3	2,380	160	74,524
31	Millinery, custom work	17	33,542	800	600	1,151	30,991	21	7	5,600	52	12,920
32	Mineral and soda waters	4	9,950			5,400	4,550	7	4	2,160	11	4,920
33	Monuments and tombstones	4	33,525	1,900	2,250	2,575	26,800	6	13	8,450	21	12,278
34	Painting, house, sign, etc	40	16,188	5,900	4,665	2,668	2,955	45			78	42,176
35	Paper hanging	11	15,105	2,900	5,725	455	6,025	13	3	1,125	26	12,253
36	Patent medicines and compounds	6	13,700	400	1,000	3,000	9,300	6	11	8,884	30	6,852
37	Paving and paving materials	6	18,600	5,200	6,800	1,200	5,400	6	2	2,400	60	25,675
38	Photography	14	9,555	1,000	300	4,050	4,205	14	1	130	8	3,386
39	Plastering and stuccowork	9	2,110	200	600	1,000	310	10			21	9,376
40	Plumbing, and gas and steam fitting	10	61,100	17,000	22,000	2,500	19,600	16	3	1,374	55	30,600
41	Pottery, terra cotta, and fire-clay products.	3	146,591	67,000	29,400	12,300	37,891	3	5	4,720	166	80,380

BY SPECIFIED INDUSTRIES: 1900—Continued.

ANDERSON—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
22	$8,400					$1,010	$580	$280	$150		$34,180	$34,180		$75,450	17
45	23,000					3,005		705	2,300		199,739	198,819	$920	250,000	18
278	152,630			8	$1,600	3,768	116	477	3,175		248,085	247,835	250	481,600	19
		34	$8,220	1	100	4,935	4,005	130	800		46,985	46,705	280	81,550	20
31	13,325			1	150	471	180	71	220		10,605	10,605		37,850	21
3	1,800					1,017	572	175	270		2,775	2,655	120	11,914	22
38	19,500			2	600	416	72	91	253		28,730	28,730		63,165	23
25	12,950			4	775	3,665	2,500	465	700		58,623	58,440	183	90,600	24
5	2,800			2	300	1,815	630	55	330	$800	10,472	10,240	232	28,300	25
25	15,400	3	1,550			7,305	1,460	710	4,985	150	17,024	16,570	454	74,000	26
19	8,750			1	150	2,089	200	310	1,579		31,360	28,640	2,720	53,872	27
7	3,400					1,940	960	60	620	300	14,980	14,960	20	25,000	28
14	8,650					915	420	110	385		19,655	19,490	165	35,300	29
14	8,020			4	675	3,505	867	33	2,605		9,455	9,375	80	27,660	30
180	74,746					8,371	240	281	1,850	6,000	141,631	136,571	5,060	247,336	31
6	2,900					1,405	1,115	50	240		4,750	4,620	130	15,500	32
1,496	619,713	271	55,551	83	14,687	223,123	4,639	23,311	193,173	2,000	2,806,060	2,756,852	49,208	4,349,309	33

and soda waters, 2; mirrors, 1; monuments and tombstones, 2; paper and wood pulp, 2; paper goods, not elsewhere specified, 1; paper hanging, 1; patent medicines and compounds, 1; paving and paving materials, 2; pottery, terra cotta, and fire-clay products, 1; refrigerators, 1; slaughtering and meat packing, wholesale, 1; slaughtering, wholesale, not including meat packing, 2; stationery goods, not elsewhere specified, 1; tin and terne plate, 1; washing machines and clothes wringers, 1; window shades, 1; wirework, including wire rope and cable, 2.

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5,489	$2,488,152	1,652	$375,627	138	$20,196	$988,542	$99,453	$90,633	$726,299	$72,157	$7,504,660	$7,377,122	$127,538	$14,193,320	1
164	72,891					32,386		5,055	27,331		106,423	103,219	3,204	312,820	2
16	5,410			5	590	2,948	2,725	198	25		7,844	7,487	357	28,237	3
48	23,838					3,589	2,804	459	326		21,318	19,790	1,528	88,555	4
26	12,236					4,203	3,020	516	667		22,326	21,864	462	63,441	5
58	24,612	21	3,219	2	265	17,797	3,816	1,115	12,866		140,682	137,654	3,028	257,421	6
97	41,122			8	1,411	6,888	275	1,253	5,360		10,856	885	9,971	83,776	7
40	27,400	20	3,120	10	2,182	4,964	180	784	4,000		126,077	125,387	690	211,537	8
147	77,168					45,944	1,649	521	1,049	42,725	232,806	232,570	236	414,156	9
2	750					103	60	23	20		591	511	80	2,715	10
69	29,322					5,802	1,850	767	3,185		72,792	71,337	1,455	124,150	11
216	132,334					4,746		995	3,751		57,682	55,894	1,788	203,072	12
57	32,663	7	992			5,954	4,717	377	860		46,040	45,647	393	134,057	13
66	30,000	299	86,500			11,129	2,400	1,450	7,279		231,740	230,620	1,120	446,624	14
		142	27,417			3,228	2,619	92	517		19,611	19,286	325	79,098	15
10	5,475	1	260	1	120	1,495	740	455	300		68,365	66,825	1,540	89,950	16
36	18,031	7	1,175	1	150	4,122	3,093	534	495		65,846	65,051	795	115,783	17
108	40,080					1,514	591	373	550		90,670	89,845	825	168,570	18
2	620	9	2,720			871	871				1,583	1,373	210	8,146	19
110	44,610			1	208	55,440	720	5,462	49,258		1,504,760	1,493,709	11,051	1,705,964	20
477	252,533					32,702	1,620	8,421	22,661		273,977	263,743	10,234	744,900	21
25	10,040	2	500	3	560	2,625	1,976	344	305		29,663	29,418	245	69,055	22
899	261,160	11	2,115	17	2,060	31,501	4,536	7,227	19,738		452,583	447,843	4,740	977,675	23
58	26,691					12,678		2,178	10,500		13,332	4,479	8,853	76,392	24
174	103,739	2	400	5	650	369,219		7,816	361,403		147,973	133,710	14,263	774,950	25
1	720					1,468	1,290	18	160		2,635	2,450	185	11,400	26
8	4,850					660	320	180	160		9,340	9,280	60	19,800	27
428	254,920					30,688	2,055	10,291	18,342		777,150	777,150		1,288,300	28
226	80,695					10,926	1,916	2,013	6,997		145,883	144,079	1,804	332,021	29
160	74,524					29,476	1,221	1,020	1,235	26,000	110,973	110,343	630	251,830	30
		52	12,920			8,126	7,470	218	438		71,549	71,170	379	123,370	31
11	4,920					3,970	1,620	150	2,200		5,681	5,437	244	28,575	32
21	12,278					1,513	320	638	555		26,205	26,155	50	66,100	33
78	42,176					2,236	1,644	272	320		28,822	28,602	220	111,765	34
26	12,253					2,309	1,566	303	440		18,105	17,883	222	44,833	35
4	2,900	15	2,532	11	1,420	11,197	1,020	202	9,975		32,695	32,535	160	83,418	36
60	25,675					2,667	240	402	2,025		44,396	44,386	10	88,990	37
6	2,946	2	440			2,380	2,155	140	85		7,000	6,775	225	26,300	38
21	9,376					343	314	19	10		13,103	13,093	10	29,863	39
55	30,600					3,216	1,836	580	800		79,580	79,185	395	133,600	40
126	70,916	34	8,384	6	1,080	6,459	25	870	5,564		34,851	24,183	10,168	157,892	41

TABLE 8.—MANUFACTURES IN CITIES

EVANSVILLE—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
42	Printing and publishing, book and job	7	$81,627			$45,694	$35,933	7	10	$7,721	94	$34,666
43	Printing and publishing, newspapers and periodicals.	10	156,500	$7,500	$7,500	113,700	27,800	8	30	44,850	136	82,066
44	Saddlery and harness	16	185,440	10,600	18,900	19,375	136,565	19	16	12,128	184	68,269
45	Slaughtering and meat packing, wholesale.	6	126,125	20,000	31,700	14,425	60,000	7	8	10,220	70	29,200
46	Tinsmithing, coppersmithing, and sheet-iron working.	25	156,528	28,290	46,975	20,290	60,973	34	11	9,310	129	61,189
47	Tobacco, chewing, smoking, and snuff	5	4,810	715	1,800	220	2,075	5			10	2,365
48	Tobacco, cigars and cigarettes	37	92,356	5,725	5,100	5,490	76,041	42	19	14,965	539	136,080
49	Watch, clock, and jewelry repairing	19	18,225	2,200	2,400	4,000	9,625	21			13	8,276
50	All other industries[1]	47	2,344,967	139,927	539,143	1,099,274	566,623	42	72	77,421	1,274	396,000

[1] Embraces awnings, tents, and sails, 2; baking and yeast powders, 1; baskets, and rattan and willow ware, 1; belting and hose, leather, 1; boxes, cigar, 1; boxes, wooden packing, 1; coffins, burial cases, and undertakers' goods, 1; cotton goods, 1; cutlery and edge tools, 1; druggists' preparations, not including prescriptions, 1; electrical construction and repairs, 2; fancy articles, not elsewhere specified, 1; fertilizers, 1; flavoring extracts, 1; fruits and vegetables, canning and preserving, 1; gas, illuminating and heating, 1; hairwork, 1; hand stamps, 1; ironwork, architectural and ornamental, 1; lamps and reflectors, 1; lime and

FORT WAYNE.

1	All industries	397	$9,203,613	$832,008	$1,219,292	$2,221,238	$4,931,075	402	653	$631,513	7,255	$2,928,969
2	Bicycle and tricycle repairing	12	8,405			3,895	4,510	14			18	7,180
3	Blacksmithing and wheelwrighting	18	34,785	12,200	11,675	2,485	8,425	23	1	500	27	15,727
4	Boots and shoes, custom work and repairing.	29	6,183	1,000	1,050	1,705	2,428	23			11	4,822
5	Bread and other bakery products	15	321,653	12,350	14,900	206,405	87,998	17	34	34,534	169	55,421
6	Brick and tile	3	27,931	7,000	7,000	2,900	11,031	3	2	1,400	64	26,004
7	Brooms and brushes	5	4,310	1,050	2,050	425	785	5			4	1,371
8	Carpets, rag	4	3,255	1,000	1,500	500	255	4			16	3,699
9	Carriage and wagon materials	5	77,825	13,950	12,000	14,375	37,500	5	1	100	69	22,501
10	Carriages and wagons	10	387,217	6,425	10,133	65,162	305,497	14	19	20,404	225	101,849
11	Cars and general shop construction and repairs by steam railroad companies.	5	917,383	163,000	183,600	174,343	396,440		74	65,589	1,429	796,509
12	Clothing, men's, custom work and repairing.	36	93,931	16,500	11,775	3,405	62,251	37	8	7,656	187	78,672
13	Clothing, women's, dressmaking	7	10,085			975	9,110	8			46	7,625
14	Clothing, women's, factory product	4	343,829	750	7,800	19,058	316,221	3	38	36,945	694	132,831
15	Confectionery	4	12,450	1,500	5,000	2,700	3,250	5	5	600	8	2,839
16	Flouring and grist mill products	6	171,500	18,500	33,000	50,000	70,000	10	5	4,112	33	15,426
17	Foundry and machine shop products	12	2,120,202	230,250	325,092	657,799	907,061	6	54	59,581	872	388,558
18	Furniture, cabinetmaking, repairing, and upholstering.	5	5,525			775	4,750	6			7	2,932
19	Furniture, factory product	3	30,000	5,000	6,000	8,500	10,500	3	1	900	47	18,926
20	Gloves and mittens	3	61,300	9,000	25,500	5,000	21,800	5	3	2,800	97	24,862
21	Lock and gun smithing	4	1,495	300	200	535	460	3			3	1,520
22	Lumber and timber products	7	278,640	53,125	16,900	25,750	182,865	7	19	22,170	114	44,468
23	Lumber, planing mill products, including sash, doors, and blinds.	7	158,800	43,500	24,700	31,400	59,200	10	9	6,490	86	37,480
24	Mattresses and spring beds	3	15,850	1,000	1,500	3,600	9,750	2	2	912	20	6,898
25	Millinery, custom work	21	51,122	2,000	4,500	322	43,800	26	4	1,207	91	18,040
26	Mineral and soda waters	3	19,400	1,700	4,200	3,300	10,200	5			12	7,341
27	Monuments and tombstones	4	10,571		1,000	465	9,106	5	1	508	7	4,521
28	Painting, house, sign, etc	9	15,850	2,000	2,500	1,275	10,075	13	4	1,765	45	24,170
29	Photography	8	14,175	2,000	1,000	5,925	5,250	7	4	2,253	21	7,624
30	Plumbing, and gas and steam fitting	14	105,902	6,000	4,000	10,713	85,189	22	8	4,102	93	44,931
31	Printing and publishing, book and job	4	80,432	5,500	3,500	44,174	27,258	3	8	8,492	59	23,435
32	Printing and publishing, newspapers and periodicals.	5	100,400	11,500	14,500	58,500	15,900	3	28	24,794	70	49,454
33	Roofing and roofing materials	3	24,550	3,000	3,000	2,750	15,800	4	3	1,222	26	16,000
34	Saddlery and harness	11	29,395	1,700	7,100	4,565	16,030	12	2	1,016	40	16,704
35	Slaughtering and meat packing, wholesale.	3	131,100	8,000	45,000	35,100	43,000	2	9	6,200	84	35,828
36	Tinsmithing, coppersmithing, and sheet-iron working.	14	267,244	10,900	36,850	45,947	178,547	14	116	96,900	179	71,398
37	Tobacco, cigars and cigarettes	22	45,519	6,900	6,850	1,445	30,324	23	6	4,450	120	57,568
38	Washing machines and clothes wringers.	3	73,500	2,000	7,000	19,278	45,222	1	11	11,340	77	23,700
39	Watch, clock, and jewelry repairing	10	3,488			1,775	1,713	7			11	7,245
40	All other industries[1]	56	3,138,411	171,408	376,917	703,512	1,886,574	42	174	202,621	2,074	722,890

[1] Embraces bicycles and tricycles, 1; bookbinding and blank book making, 2; boot and shoe cut stock, 1; boxes, cigar, 1; boxes, fancy and paper, 2; brass castings and brass finishing, 2; carpentering, 2; clothing, men's, factory product, 2; coffee and spice, roasting and grinding, 1; cooperage, 1; dyeing and cleaning, 2; electrical apparatus and supplies, 2; electrical construction and repairs, 2; electroplating, 2; fancy articles, not elsewhere specified, 1; gas, illuminating and heating, 1; hand stamps, 1; hosiery and knit goods, 2; house furnishing goods, not elsewhere specified, 1; ice, manufactured, 1; leather goods, 1; leather, tanned, curried, and finished, 2;

BY SPECIFIED INDUSTRIES: 1900—Continued.

EVANSVILLE—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
63	$29,214	31	$5,452	------	------	$7,064	$3,304	$796	$1,564	$1,400	$44,147	$41,668	$2,479	$109,815	42
125	78,458	11	3,608	------	------	14,731	3,902	1,787	7,010	2,032	45,610	41,647	3,963	225,330	43
166	64,769	17	3,400	1	$100	7,465	3,854	1,800	1,811	------	162,803	161,581	1,222	289,755	44
70	29,200	------	------	------	------	9,810	720	1,190	7,900	------	518,906	516,381	2,525	590,863	45
127	60,739	------	------	2	450	7,137	2,278	2,937	1,922	------	190,677	188,996	1,681	378,234	46
3	1,125	5	1,040	2	200	8,173	144	80	7,949	------	5,953	5,893	60	21,430	47
113	48,906	421	86,708	5	466	58,834	8,738	576	49,520	------	160,745	160,101	644	420,122	48
13	8,276	------	------	------	------	4,112	3,731	305	76	------	15,513	15,230	283	45,450	49
673	264,991	543	122,725	58	8,284	91,734	7,508	17,431	66,795	------	1,207,298	1,184,772	22,526	2,133,220	50

cement, 1; malt, 2; marble and stone work, 2; mirrors, 1; musical instruments and materials, not specified, 2; musical instruments, organs and materials, 1; paper and wood pulp, 1; paper goods, not elsewhere specified, 1; perfumery and cosmetics, 1; plumbers' supplies, 1; roofing and roofing materials, 1; sausage, 1; shirts, 2; slaughtering, wholesale, not including meat packing, 1; soap and candles, 1; stamped ware, 2; trunks and valises, 2; woodenware, not elsewhere specified, 1; woolen goods, 1.

FORT WAYNE.

5,260	$2,578,217	1,827	$329,893	168	$20,859	$730,122	$77,250	$45,894	$589,318	$17,660	$6,597,414	$6,452,618	$144,796	$12,525,222	1
18	7,180	------	------	------	------	2,179	1,456	65	658	------	11,564	11,319	245	28,073	2
27	15,727	------	------	------	------	3,739	1,937	860	642	800	22,438	21,743	695	63,208	3
11	4,822	------	------	------	------	2,264	1,923	39	302	------	9,251	8,963	288	26,415	4
98	44,521	67	10,280	4	620	52,827	7,120	1,492	44,215	------	268,794	263,485	5,309	502,507	5
61	24,954	------	------	3	1,050	1,000	------	340	660	------	7,515	315	7,200	48,600	6
4	1,371	------	------	------	------	237	122	48	67	------	11,089	11,024	65	17,966	7
7	2,274	7	1,173	2	252	509	288	50	171	------	1,391	1,271	120	7,315	8
68	22,251	1	250	------	------	2,123	195	553	1,375	------	38,841	38,710	131	80,550	9
225	101,849	------	------	------	------	43,844	5,146	1,928	36,470	300	235,503	230,989	4,514	456,280	10
1,429	796,509	------	------	------	------	36,839	------	4,815	32,024	------	1,274,731	1,256,997	17,734	2,173,618	11
117	57,848	70	20,824	------	------	10,953	8,027	873	2,053	------	89,684	88,726	958	228,737	12
------	------	46	7,625	------	------	1,388	1,248	40	100	------	5,278	5,100	178	20,350	13
25	14,234	669	118,597	------	------	17,647	3,100	648	13,899	------	350,763	348,994	1,769	746,138	14
6	2,470	2	369	------	------	1,777	1,020	140	617	------	13,343	13,123	220	30,180	15
33	15,426	------	------	------	------	8,095	1,020	1,299	5,776	------	313,705	309,615	4,090	378,043	16
872	388,558	------	------	------	------	101,239	218	7,397	92,394	1,230	889,471	842,250	47,221	1,695,129	17
6	2,732	1	200	------	------	860	626	27	207	------	5,958	5,905	53	13,400	18
45	18,576	------	------	2	350	2,378	300	350	1,728	------	18,474	17,283	1,191	44,152	19
22	9,550	64	13,344	11	1,968	1,886	120	700	1,066	------	57,879	57,649	230	94,591	20
2	1,400	------	------	1	120	422	276	83	63	------	1,601	1,524	77	5,475	21
114	44,468	------	------	------	------	16,405	50	4,355	12,000	------	149,390	149,390	------	322,655	22
86	37,480	------	------	------	------	6,022	------	1,438	4,584	------	158,334	157,494	840	227,894	23
12	5,372	7	1,404	1	122	3,195	900	55	2,240	------	13,856	13,541	315	30,480	24
1	364	88	17,066	2	610	12,022	8,280	353	3,389	------	60,492	60,034	458	120,820	25
12	7,341	------	------	------	------	4,357	240	152	3,965	------	9,841	9,750	91	29,200	26
7	4,521	------	------	------	------	750	420	90	240	------	11,644	11,559	85	23,490	27
45	24,170	------	------	------	------	1,444	813	179	452	------	20,174	20,023	151	62,740	28
11	5,036	9	2,448	1	140	4,199	3,360	202	637	------	14,320	14,030	290	39,800	29
91	44,623	------	------	2	308	8,600	2,758	744	5,098	------	117,500	116,732	768	230,512	30
42	20,102	13	2,848	4	485	3,762	1,952	608	1,202	------	54,550	53,585	965	88,886	31
65	48,550	2	600	3	304	19,445	1,680	626	17,139	------	31,958	30,887	1,071	158,200	32
26	16,000	------	------	------	------	1,115	480	170	465	------	28,787	28,659	128	55,795	33
39	16,575	------	------	1	129	2,220	1,629	293	268	30	35,500	35,190	310	77,689	34
83	35,578	1	250	------	------	4,921	450	1,835	2,636	------	592,650	589,089	3,561	698,923	35
164	69,098	------	------	15	2,300	16,852	1,366	953	14,533	------	231,453	227,529	3,924	454,584	36
96	54,333	4	672	20	2,563	24,617	3,315	401	20,901	------	63,492	63,118	374	187,146	37
77	23,700	------	------	------	------	15,822	4,000	622	11,200	------	53,475	52,575	900	113,728	38
11	7,245	------	------	------	------	834	787	20	27	------	2,419	2,370	49	16,530	39
1,202	581,409	776	131,943	96	9,538	291,334	10,628	11,551	253,855	15,300	1,320,306	1,282,078	38,228	2,925,423	40

liquors, malt, 2; looking-glass and picture frames, 2; marble and stone work, 2; masonry, brick and stone, 1; musical instruments, organs and materials, 1; paper hanging, 2; patent medicines and compounds, 1; paving and paving materials, 2; perfumery and cosmetics, 1; plastering and stuccowork, 1; shirts, 2; soap and candles, 1; surgical appliances, 1; tools, not elsewhere specified, 1; vinegar and cider, 1; wood, turned and carved, 1; wool pulling, 1.

TABLE 8.—MANUFACTURES IN CITIES

INDIANAPOLIS.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	1,910	$36,828,114	$3,368,676	$5,180,343	$10,363,247	$17,915,848	1,967	2,636	$2,445,785	25,511	$10,882,914
2	Agricultural implements	6	256,891	15,900	14,500	11,538	214,953	3	20	17,010	51	24,333
3	Awnings, tents, and sails	5	36,389	8,600	7,900	4,812	15,077	3	4	2,309	38	12,790
4	Baking and yeast powders	7	74,995			3,535	71,460	4	12	12,654	14	4,168
5	Bicycle and tricycle repairing	49	27,516	1,100	700	9,644	16,072	55	5	3,124	47	23,809
6	Bicycles and tricycles	6	1,076,867	74,139	159,758	479,481	363,489	1	52	46,663	766	317,488
7	Blacksmithing and wheelwrighting	93	63,951	18,400	18,925	10,793	15,833	109	1	624	106	54,797
8	Bookbinding and blank book making	3	26,514			12,506	14,008	2	4	4,000	29	11,405
9	Boots and shoes, custom work and repairing.	105	16,194	4,350	3,040	3,891	4,913	106			41	17,817
10	Bottling	4	124,732	2,500	5,316	8,316	108,600	1	21	14,792	70	30,880
11	Boxes, fancy and paper	4	59,154	4,000	8,000	26,487	20,667	4	3	3,280	90	17,830
12	Boxes, wooden packing	4	79,500	9,000	17,000	20,000	33,500	2	9	9,624	128	47,856
13	Bread and other bakery products	64	885,563	38,400	126,600	463,260	257,303	63	60	36,162	311	140,884
14	Brick and tile	6	14,410	5,450	2,200	1,805	4,955	7	1	400	30	11,130
15	Bridges	3	18,050			3,050	15,000	5	3	2,375	59	28,200
16	Brooms and brushes	9	26,438	5,500	6,500	2,605	11,833	9	2	1,375	42	20,713
17	Carpentering	164	275,065	26,735	28,025	31,984	188,321	191	14	10,947	799	397,582
18	Carpets, rag	5	1,715	600	150	515	450	7	1	416	18	4,350
19	Carriage and wagon materials	7	461,244	31,607	91,562	101,803	236,272	5	14	11,226	423	142,128
20	Carriages and wagons	17	1,182,570	44,000	64,100	45,065	1,029,405	19	106	88,886	1,008	400,412
21	Cars and general shop construction and repairs by steam railroad companies.	5	774,079	86,002	192,400	107,730	387,947		49	43,290	1,124	604,409
22	Clothing, men's, custom work and repairing.	98	399,882	48,208	32,184	13,228	306,262	107	53	40,766	497	212,263
23	Clothing, men's, factory product	8	288,279	15,639	7,000	43,112	222,528	8	33	41,136	684	129,946
24	Clothing, women's, dressmaking	47	39,374	5,040	13,660	5,207	15,467	46	11	8,736	269	101,944
25	Clothing, women's, factory product	5	121,864			15,061	106,803	4	22	22,820	460	102,487
26	Confectionery	35	281,778	12,250	19,350	55,268	194,910	35	73	54,830	330	106,881
27	Cooperage	5	43,553	7,386	4,938	4,746	26,483	5	2	2,140	110	39,878
28	Dyeing and cleaning	21	4,695	400	250	2,625	1,420	25	3	1,850	33	11,927
29	Electrical apparatus and supplies	5	191,081			84,706	106,375	3	23	18,470	119	45,519
30	Electrical construction and repairs	7	18,648			789	17,859	7	7	4,826	29	11,866
31	Electroplating	3	5,450		500	4,100	850	4	1	200	5	2,760
32	Flouring and grist mill products	9	1,042,005	73,400	224,945	358,774	384,886	6	46	76,284	313	149,854
33	Food preparations	5	124,245			13,700	110,545	7	4	6,500	85	37,528
34	Foundry and machine shop products	56	4,591,761	251,448	728,307	1,025,144	2,586,862	43	242	275,184	3,726	1,691,742
35	Fruits and vegetables, canning and preserving.	3	241,260	50,500	40,400	30,350	120,010	1	70	69,520	300	65,331
36	Fur goods	5	6,460			960	5,500	4	2	1,480	45	23,676
37	Furnishing goods, men's	3	1,875			225	1,650	3	1	50	7	2,731
38	Furniture, cabinetmaking, repairing, and upholstering.	37	46,459	3,200	1,600	8,611	33,048	45	7	3,377	78	43,047
39	Furniture, factory product	22	1,366,919	148,099	268,216	176,515	774,089	22	119	105,810	1,182	456,644
40	Ice, manufactured	7	235,425	14,400	29,500	177,000	14,525	5	11	7,012	67	30,912
41	Ironwork, architectural and ornamental.	8	708,190	48,950	82,000	130,026	447,214	8	41	46,731	451	214,802
42	Liquors, malt	5	1,077,045	186,000	307,000	202,000	382,045		64	89,604	256	154,417
43	Lock and gun smithing	10	9,685	3,000	2,000	2,160	2,525	12			6	2,326
44	Looking-glass and picture frames	3	7,890			1,225	6,665	3	4	1,756	9	4,640
45	Lumber and timber products	7	403,041	42,000	44,917	66,536	249,588	12	16	18,440	333	133,034
46	Lumber, planing mill products, including sash, doors, and blinds.	16	618,667	109,950	97,400	75,567	335,750	17	41	47,329	447	193,542
47	Marble and stone work	3	67,300	8,000	3,000	30,725	25,575	6	1	780	79	39,750
48	Masonry, brick and stone	54	107,514	8,100	5,400	29,773	64,241	70	10	8,172	535	264,563
49	Mattresses and spring beds	7	254,559	22,850	51,250	56,225	124,234	4	35	21,553	223	84,803
50	Millinery and lace goods	3	29,036			12,136	16,900		8	7,940	86	29,198
51	Millinery, custom work	66	56,819	10,785	14,350	4,313	27,371	76	31	7,476	149	42,369
52	Models and patterns	4	9,500			4,800	4,700	6			16	8,600
53	Monuments and tombstones	6	31,205	7,500	1,500	1,305	20,900	6	2	480	26	16,280
54	Musical instruments and materials, not specified.	3	23,468			3,652	19,816	5	1	1,200	37	17,000
55	Painting, house, sign, etc	77	47,913	4,650	2,400	6,768	34,095	97	7	5,478	196	111,483
56	Paints	3	64,931		3,463	16,251	45,217		11	10,566	30	11,531
57	Paper hanging	22	15,165	135	165	1,060	13,805	23	5	1,134	36	18,603
58	Patent medicines and compounds	26	350,910	43,767	48,783	36,635	221,725	23	129	132,169	213	94,513
59	Paving and paving materials	31	257,232	2,750	4,500	52,904	197,078	32	23	21,298	637	217,421
60	Photography	27	40,106		125	19,074	20,907	30	17	11,052	65	29,496
61	Photolithographing and photoengraving.	3	8,425			5,125	3,300	4	4	3,468	29	15,540
62	Pickles, preserves, and sauces	6	95,900	7,400	18,100	27,550	42,850	4	18	15,628	83	24,502
63	Pipes, tobacco	3	10,779	100	400	5,379	4,900	1	8	7,207	14	4,324
64	Plastering and stuccowork	31	22,705	700	700	3,495	17,810	42			134	63,732
65	Plumbing, and gas and steam fitting	68	168,098	2,200	735	16,176	148,987	87	46	24,630	260	137,778
66	Pottery, terra cotta, and fire-clay products.	3	340,944	28,819	67,771	43,141	201,213	1	13	13,900	190	69,691

BY SPECIFIED INDUSTRIES: 1900—Continued.

INDIANAPOLIS.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
21,181	$9,919,544	4,065	$926,221	265	$37,149	$5,389,394	$432,823	$216,794	$3,184,970	$1,554,807	$42,055,634	$41,449,677	$605,957	$68,607,579	1
51	24,333					9,642	1,290	1,352	7,000		73,409	72,482	927	270,390	2
19	8,863	19	3,927			2,307	900	318	1,089		32,704	32,337	367	78,937	3
10	3,456	4	712			2,765	1,242	490	1,033		40,341	39,906	435	85,735	4
47	23,809					9,835	7,433	208	2,154	40	48,167	47,165	1,002	115,824	5
639	274,796	124	41,860	3	832	53,474	3,640	7,733	42,101		542,942	527,582	15,360	880,969	6
104	54,381			2	416	12,634	10,525	584	1,120	405	55,807	53,227	2,580	208,896	7
18	8,493	16	2,912			11,006	1,396	275	9,335		7,137	6,852	285	46,621	8
40	17,517	1	300			7,964	7,034	146	359	425	33,600	32,841	759	105,479	9
70	30,880					6,265	3,680	948	1,637		103,421	102,151	1,270	176,702	10
20	7,890	70	9,940			4,210	1,936	284	1,990		31,308	30,775	533	73,401	11
127	47,700	1	156			11,332	3,480	1,212	6,640		143,469	142,264	1,205	228,411	12
266	132,382	43	8,148	2	354	54,401	16,640	3,035	34,726		730,396	712,706	17,690	1,200,448	13
30	11,130					679		124	555		6,397	660	5,737	33,600	14
59	28,200					1,307	320	82	405	500	31,708	30,785	923	73,657	15
40	20,263	1	300	1	150	1,446	410	170	866		33,132	32,779	353	66,441	16
799	397,582					691,264	5,608	1,041	16,559	668,056	958,492	956,873	1,619	2,562,425	17
8	2,280	10	2,070			703	538	19	146		1,201	1,176	25	9,645	18
418	141,178			5	950	65,672	1,140	1,936	62,596		286,721	276,693	10,028	547,570	19
955	388,136	53	12,276			48,909	15,900	5,986	25,423	1,600	1,470,418	1,454,499	15,919	2,264,928	20
1,121	603,449	3	960			28,606		4,127	17,686	6,793	831,900	814,379	17,521	1,508,205	21
276	155,661	220	56,492	1	110	127,058	38,242	2,079	60,514	26,223	326,947	323,534	3,413	866,910	22
41	21,944	643	108,002			31,969	3,900	2,267	25,002	800	352,579	350,683	1,896	691,001	23
13	12,547	253	88,901	3	496	18,977	8,819	170	4,388	5,600	61,343	60,514	829	245,116	24
22	20,822	438	81,665			7,541	3,888	350	3,303		229,010	227,840	1,170	387,023	25
147	74,119	183	32,762			68,768	19,312	1,835	47,021	600	539,241	533,735	5,506	944,315	26
110	39,878					2,067	600	251	1,216		75,953	75,613	340	131,432	27
21	8,834	11	2,989	1	104	5,986	4,219	40	1,439	288	5,389	4,921	468	43,959	28
115	44,375	4	1,144			14,049	2,030	590	11,429		100,668	98,318	2,350	211,895	29
29	11,866					2,470	1,780	112	478	100	43,109	42,903	206	77,181	30
5	2,760					588	436	32	120		2,669	2,430	239	9,350	31
306	147,704	7	2,150			130,665		9,697	120,968		3,342,198	3,285,154	57,044	3,820,373	32
52	27,884	32	9,514	1	130	25,047	3,078	319	21,650		179,417	176,460	2,957	281,360	33
3,692	1,684,914	9	3,228	25	3,600	535,924	22,370	26,349	421,951	65,254	2,660,821	2,573,950	86,871	5,733,469	34
114	41,741	182	23,100	4	490	56,360	600	760	55,000		435,556	431,736	3,820	724,968	35
9	9,476	36	14,200			2,791	1,630	49	1,112		33,996	33,875	121	75,280	36
2	1,456	5	1,275			189	182		7		1,405	1,391	14	6,956	37
73	41,997	5	1,050			6,255	5,058	169	683	345	41,804	41,288	516	130,563	38
1,135	447,551	18	5,117	29	3,976	127,250	8,504	10,267	102,108	6,371	806,568	782,135	24,433	1,685,827	39
67	30,912					12,824	1,000	1,825	9,999		28,387	8,225	20,162	108,770	40
451	214,802					88,977	1,766	3,159	25,552	58,500	466,463	457,753	8,710	920,864	41
246	152,617	10	1,800			740,334		16,677	723,657		254,203	208,774	45,429	1,770,939	42
5	2,154	1	172			1,915	1,704	69	142		4,549	4,387	162	18,645	43
8	4,120	1	520			1,827	1,394	22	411		10,511	10,511		23,501	44
333	133,034					31,620	400	2,776	28,444		368,800	368,600	200	694,727	45
435	191,042	12	2,500			130,882	5,314	6,126	36,092	83,350	432,396	426,467	5,929	894,070	46
79	39,750					1,025	205	415	405		28,459	27,749	710	91,245	47
535	264,563					131,286	1,541	380	7,249	122,116	449,644	445,699	3,945	980,384	48
135	67,809	81	15,867	7	1,127	15,521	1,950	1,320	12,251		226,641	223,710	2,931	393,905	49
13	8,572	73	20,626			3,533	2,220	115	1,198		43,786	42,794	992	104,010	50
1	650	147	41,581	1	138	26,947	24,645	596	1,701	5	150,274	149,126	1,148	320,069	51
16	8,600					879	604	28	247		2,907	2,598	309	19,840	52
26	16,280					2,126	520	140	1,466		48,622	48,414	208	88,410	53
37	17,000					2,749	1,224	2	1,523		5,975	5,570	405	28,000	54
196	111,483					7,843	4,117	186	3,224	316	94,619	94,464	155	334,237	55
24	10,725	6	806			11,258	4,380	154	6,724		106,695	105,988	707	147,085	56
36	18,603					3,230	2,394	91	745		27,294	27,190	104	73,257	57
93	61,331	119	33,082	1	100	135,702	2,507	3,444	129,751		308,660	305,474	3,186	770,520	58
637	217,421					53,083	2,485	1,353	24,993	24,252	389,535	386,644	2,891	842,356	59
51	26,242	14	3,254			13,357	9,809	245	3,183	120	51,423	50,363	1,060	141,130	60
29	15,540					3,588	909	22	2,657		4,950	4,057	893	38,270	61
37	15,384	46	9,118			8,198	1,380	646	6,172		316,156	312,504	3,652	387,642	62
13	4,125	1	199			750	348	27	375		6,892	6,801	91	17,007	63
134	63,732					5,916	790	115	817	4,194	70,037	69,976	61	181,324	64
254	136,641	3	670	3	462	28,057	17,114	809	5,994	4,140	340,093	338,744	1,349	736,198	65
114	54,581	76	15,110			13,394	90	2,290	11,014		50,886	36,186	14,700	234,200	66

TABLE 8.—MANUFACTURES IN CITIES

INDIANAPOLIS—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
67	Printing and publishing, book and job	47	$911,693	$63,700	$83,465	$330,886	$433,642	44	159	$119,842	746	$351,393
68	Printing and publishing, newspapers and periodicals.	58	736,989	9,400	55,500	440,403	231,686	43	228	230,234	640	377,250
69	Roofing and roofing materials	7	80,928	10,202	13,106	15,047	42,573	9	9	9,159	68	19,029
70	Saddlery and harness	22	283,164	1,500	2,700	23,674	255,290	22	33	34,320	162	82,654
71	Sausage	3	16,150	6,150	6,650	2,750	600	5			8	4,700
72	Saws	3	1,176,528	97,450	93,958	120,503	864,617	2	63	76,552	646	346,233
73	Sewing machine repairing	3	765			115	650	3				
74	Shirts	6	28,854			8,054	20,800	6			57	24,246
75	Slaughtering and meat packing, wholesale.	4	3,640,096	181,500	793,000	289,150	2,376,446	3	131	125,334	1,920	766,566
76	Slaughtering, wholesale, not including meat packing.	3	167,150	29,000	41,000	44,000	53,150	3	5	3,500	23	16,660
77	Soap and candles	7	41,990	750	3,000	16,430	21,810	7	10	9,783	27	9,714
78	Starch	3	2,870,829	806,500	493,925	1,293,545	276,859	1	6	7,764	209	89,050
79	Steam fittings and heating apparatus	3	98,195	13,000	10,000	10,200	64,995	3	7	5,340	60	26,582
80	Stereotyping and electrotyping	3	39,000			20,500	18,500	3	4	4,175	41	22,000
81	Tinsmithing, coppersmithing, and sheet-iron working.	50	309,410	19,450	32,390	28,874	228,696	55	19	16,756	325	114,368
82	Tobacco, cigars and cigarettes	76	119,648	14,970	22,255	3,722	78,701	76	8	5,614	186	86,979
83	Tools, not elsewhere specified	3	4,130			1,060	3,070	4	1	354	4	1,856
84	Trunks and valises	3	10,800			300	10,500	4	2	1,224	15	7,100
85	Vinegar and cider	4	5,985	40	150	1,095	4,700	4	4	4,872	5	1,824
86	Watch, clock, and jewelry repairing	49	40,911			11,409	29,502	36	2	876	59	32,481
87	Wirework, including wire rope and cable.	5	25,300	10,000	5,000	6,150	4,150	4	3	1,806	18	7,601
88	Wood, turned and carved	7	31,725	6,300	6,200	8,550	10,675	7	1	312	67	25,575
89	All other industries[1]	90	6,827,997	554,855	644,559	3,463,888	2,164,695	75	295	239,839	2,152	885,203

[1] Embraces artificial limbs, 1; axle grease, 1; bags, other than paper, 1; bags, paper, 1; baskets, and rattan and willow ware, 2; bells, 1; belting and hose, leather, 2; billiard tables and materials, 2; bluing, 2; boot and shoe uppers, 1; boxes, cigar, 1; brass castings and brass finishing, 2; calcium lights, 1; carpets, wood, 2; carriages and sleds, children's, 1; cars and general shop construction and repairs by street railroad companies, 1; cars, steam railroad, not including operations of railroad companies, 1; cheese and butter, urban dairy products, 1; cleansing and polishing preparations, 2; clothing, horse, 1; coffee and spice, roasting and grinding, 1; coffins, burial cases, and undertakers' goods, 2; cotton goods, 1; dentists' materials, 2; druggists' preparations, not including prescriptions, 1; dyeing and finishing textiles, 1; engraving, wood, 1; fertilizers, 2; gas, illuminating and heating, 2; glass, cutting, staining, and ornamenting, 1; glue, 1; grease and tallow, 2; hairwork, 2; hand stamps, 2; hardware, 2; hats and caps, not including fur hats and wool hats, 2; house furnishing goods, not elsewhere specified, 2;

MUNCIE.

1	All industries	347	$7,793,832	$671,242	$1,130,562	$2,606,510	$3,385,518	343	227	$319,109	6,294	$3,067,748
2	Bicycle and tricycle repairing	6	5,395	2,600	200	1,325	1,270	7			7	2,385
3	Blacksmithing and wheelwrighting	15	12,790	5,100	2,300	1,435	3,955	16			20	9,725
4	Boots and shoes, custom work and repairing.	9	2,080		10	1,110	960	9			4	1,425
5	Bottling	4	3,750	600	400	1,850	900	6			3	1,530
6	Bread and other bakery products	14	14,865	650	3,750	4,875	5,590	13			32	13,485
7	Carpentering	60	26,865	3,125	3,665	5,855	14,220	66			186	118,968
8	Carriages and wagons	5	204,520	22,000	32,500	19,625	130,395	8	15	5,946	153	65,653
9	Clothing, men's, custom work and repairing.	11	17,540	3,000	4,000	1,340	9,200	11			51	26,535
10	Clothing, women's, dressmaking	15	1,045			710	335	14			43	7,960
11	Confectionery	7	6,135			2,070	4,065	7	2	1,250	16	5,345
12	Dyeing and cleaning	3	1,795		75	610	1,110	3			13	5,900
13	Flouring and grist mill products	3	52,300	14,000	7,000	7,800	23,500	4	1	936	9	4,270
14	Foundry and machine shop products	6	528,981	49,669	112,092	124,108	243,112	5	26	84,881	522	178,904
15	Furniture, cabinetmaking, repairing, and upholstering.	4	2,585			395	2,190	4			2	936
16	Glass	6	1,277,281	61,044	231,352	77,122	907,763		49	77,639	1,810	954,689
17	Iron and steel	4	3,538,653	291,200	350,912	1,692,630	1,203,911		39	52,189	1,787	968,831
18	Lock and gun smithing	3	985			525	460	4			3	800
19	Looking-glass and picture frames	3	3,000			250	2,750	3			9	4,100
20	Lumber and timber products	3	44,100	6,000	4,800	13,700	19,600	4	1	1,000	49	20,240
21	Masonry, brick and stone	13	5,860			1,525	4,335	14			57	40,510
22	Millinery, custom work	9	19,570	2,100	3,900	620	12,950	9			41	9,620
23	Painting, house, sign, etc	29	4,845	500	335	2,055	1,955	30			42	22,030
24	Paving and paving materials	5	9,900	800	500	3,100	5,500	5			56	28,000
25	Photography	7	5,675			2,525	3,150	7			3	1,374
26	Plastering and stuccowork	11	3,035			1,085	1,950	14			32	20,430
27	Plumbing, and gas and steam fitting	12	45,565			3,840	41,725	13	1	800	32	16,180
28	Printing and publishing, book and job	6	18,315			13,750	4,565	5	5	2,200	32	12,236
29	Printing and publishing, newspapers and periodicals.	5	57,879	2,500	4,500	38,042	12,837	6	7	6,660	63	41,615
30	Roofing and roofing materials	3	5,060		1,500	1,060	2,500	3			11	3,705
31	Saddlery and harness	5	7,622			207	7,415	4	1	600	3	3,880

BY SPECIFIED INDUSTRIES: 1900—Continued.

INDIANAPOLIS—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
577	$313,823	148	$34,813	21	$2,757	$472,194	$29,046	$5,363	$100,713	$337,072	$385,885	$376,456	$9,429	$1,536,652	67
581	354,490	53	21,456	6	1,304	218,752	28,869	4,318	90,277	95,288	288,107	274,382	13,725	1,387,733	68
67	18,925			1	104	10,192	672	410	9,110		118,196	116,072	2,124	184,183	69
153	79,877	6	2,258	3	519	26,351	7,892	1,101	16,858	500	251,038	249,684	1,354	431,874	70
8	4,700					500		170	330		19,294	18,959	335	26,680	71
646	346,233					145,688	960	5,815	138,913		706,171	695,295	10,876	1,587,827	72
						385	288		97		633	611	22	2,040	73
16	11,676	41	12,570			3,801	2,205	66	1,530		19,956	19,125	831	61,450	74
1,556	674,262	313	83,729	51	8,575	212,959		24,510	188,449		17,039,170	16,998,990	40,180	18,382,679	75
23	16,660					6,030	220	848	4,962		361,160	357,060	4,100	398,763	76
17	7,360	10	2,354			7,628	1,782	161	5,685		75,529	74,109	1,420	128,793	77
173	82,585	36	6,465			22,560	132	3,004	19,424		549,098	527,193	21,905	988,589	78
60	26,582					3,304	1,700	597	1,007		54,864	54,434	430	142,975	79
41	22,000					19,088	2,440	198	16,450		8,532	6,962	1,570	68,000	80
230	101,850	33	7,009	62	5,509	63,420	8,117	2,708	18,038	34,557	366,673	364,388	2,285	682,631	81
157	79,609	25	6,777	4	593	55,977	5,623	638	49,716		118,746	118,070	676	347,612	82
4	1,856					645	334	1	310		3,728	3,628	100	8,421	83
15	7,100					4,258	3,720	143	395		7,887	7,741	146	27,000	84
5	1,824					1,100	784	101	215		16,747	16,548	199	30,470	85
58	32,334			1	147	13,755	11,362	255	2,128	10	46,328	45,366	962	143,526	86
17	7,025	1	576			2,503	871	95	1,537		11,568	10,925	643	31,600	87
60	24,789	7	786			3,978	1,190	265	2,223	300	36,432	35,582	850	85,724	88
1,714	794,024	411	86,973	27	4,206	429,130	26,046	37,589	358,808	6,687	2,579,692	2,494,717	84,975	4,956,490	89

instruments, professional and scientific, 2; iron and steel, 1; iron and steel, forgings, 1; jewelry, 1; lard, refined, 1; leather goods, 1; leather, tanned, curried, and finished, 1; lime and cement, 1; lithographing and engraving, 2; mineral and soda waters, 2; mirrors, 1; mucilage and paste, 1; oil, lard, 1; oil, not elsewhere specified, 1; oleomargarine, 2; optical goods, 1; paper and wood pulp, 1; pens, fountain and stylographic, 1; plumbers' supplies, 1; printing materials, 1; pumps, not including steam pumps, 1; regalia and society banners and emblems, 1; rubber and elastic goods, 1; ship and boat building, wooden, 1; show cases, 2; stationery goods, not elsewhere specified, 1; surgical appliances, 2; tobacco, chewing, smoking, and snuff, 2; toys and games, 1; typewriter repairing, 2; upholstering materials, 2; varnish, 2; wood, preserving, 1; woodenware, not elsewhere specified, 1; woolen goods, 1.

MUNCIE.

5,703	$2,930,150	448	$103,892	143	$33,706	$506,279	$34,717	$22,338	$373,404	$75,820	$6,690,155	$6,500,480	$189,675	$12,106,648	1
7	2,385					1,076	836	73	167		4,901	4,843	58	13,270	2
20	9,725					1,491	1,098	109	284		8,662	8,262	400	32,195	3
4	1,425					1,223	1,049	14	160		3,102	3,102		9,775	4
8	1,530					245	100	20	125		6,930	6,600	330	11,580	5
27	12,705	5	780			3,844	2,540	122	1,182		58,800	57,885	915	99,540	6
136	118,968					74,330	1,301	136	1,073	71,820	315,266	315,251	15	607,000	7
151	65,367	2	286			21,855	1,460	1,042	19,353		246,153	244,178	1,975	388,725	8
33	21,235	18	5,300			5,713	2,498	191	3,024		30,991	30,916	75	81,900	9
		43	7,960			1,454	1,379		75		3,375	3,375		23,494	10
10	4,370	4	625	2	350	3,981	2,360	51	1,570		28,593	27,785	808	55,190	11
9	4,600	4	1,300			868	468		400		1,875	1,700	175	11,496	12
9	4,270					2,970	300	540	2,130		95,666	94,566	1,100	112,016	13
494	172,542	28	6,362			41,724	74	1,644	40,006		189,858	175,565	14,293	504,897	14
2	936					561	456		105		2,625	2,625		6,250	15
1,537	887,392	137	34,901	136	32,396	100,726		6,790	93,936		1,007,354	974,030	33,324	2,381,025	16
1,736	958,936	51	9,895			68,945		2,507	66,438		2,911,933	2,815,247	96,686	4,499,494	17
3	800					356	301	5	50		2,923	2,905	18	8,700	18
8	3,920	1	180			810	660		150		9,215	9,200	15	19,000	19
49	20,240					2,170	850	290	1,030		138,800	138,800		201,450	20
57	40,510					884	180		704		53,833	53,733	100	109,960	21
		41	9,620			3,496	2,564	212	720		33,300	33,300		64,700	22
42	22,030					1,525	792	17	716		24,887	24,887		70,564	23
56	28,000					5,900	240	35	1,625	4,000	31,362	30,862	500	77,200	24
2	1,166	1	208			2,001	1,482	32	487		4,400	4,400		14,035	25
32	20,430					674	319		355		23,585	23,585		54,675	26
31	15,980			1	200	10,003	3,091	297	6,615		119,843	118,872	971	177,100	27
25	10,816	7	1,420			2,387	1,432	187	768		19,143	18,785	358	48,567	28
54	38,377	8	3,082	1	156	9,847	1,590	585	7,722		27,792	26,565	1,227	85,545	29
11	3,705					756	539	57	160		10,405	10,270	135	22,850	30
8	3,880					1,417	1,200	109	108		7,292	7,170	122	18,075	31

TABLE 8.—MANUFACTURES IN CITIES

MUNCIE—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
32	Slaughtering, wholesale, not including meat packing.	3	$7,300	$1,200	$2,000	$1,300	$2,800	3			6	$3,658
33	Tinsmithing, coppersmithing, and sheet-iron working.	6	7,670	450	200	2,550	4,470	8			16	9,326
34	Tobacco, cigars and cigarettes	6	5,895	800	1,000	345	3,750	5			20	9,995
35	Watch, clock, and jewelry repairing	9	2,310			1,110	1,200	5			5	3,225
36	All other industries[1]	37	1,842,666	203,904	363,571	576,061	699,130	28	80	$135,008	1,151	450,283

[1] Embraces brass castings and brass finishing, 1; brick and tile, 1; bridges, 1; carriage and wagon materials, 2; cars and general shop construction and repairs by steam railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; coffins, burial cases, and undertakers' goods, 1; electrical apparatus and supplies, 1; electroplating, 1; fancy articles, not elsewhere specified, 1; fruits and vegetables, canning and preserving, 1; furniture, factory product, 1; hardware, 1; hosiery and knit goods, 1; ice, manufactured, 1; iron and steel, bolts, nuts, washers, and rivets, 1; ironwork, architectural and ornamental, 1; lumber, planing mill

NEW ALBANY.

1	All industries	208	$2,996,512	$226,210	$425,055	$887,562	$1,457,685	221	110	$107,676	2,430	$843,680
2	Bicycle and tricycle repairing	3	420			300	120	3			3	988
3	Blacksmithing and wheelwrighting	7	7,940	5,125	1,525	675	615	7			7	3,007
4	Boots and shoes, custom work and repairing.	9	3,620	600	1,700	965	355	9			8	3,035
5	Bread and other bakery products	10	25,730	8,725	12,125	2,750	2,130	10			27	8,566
6	Carpentering	11	16,735	1,550	2,700	8,185	9,300	16			62	33,807
7	Carriages and wagons	3	8,625	2,800	1,600	1,525	2,700	5			9	5,462
8	Clothing, men's, custom work and repairing.	9	46,290	10,000	13,750	1,185	21,355	9	1	520	63	17,511
9	Clothing, women's, dressmaking	7	570			355	215	10			26	3,930
10	Foundry and machine shop products	9	347,774	22,985	38,500	101,055	185,234	7	28	25,878	364	151,781
11	Furniture, factory product	3	192,875	9,000	21,000	17,351	145,524	1	7	4,750	137	51,800
12	Leather, tanned, curried, and finished	3	188,000	15,500	27,000	15,000	130,500	3	7	5,650	104	44,100
13	Liquors, malt	3	120,643	20,000	44,000	25,100	31,543	2	5	7,400	19	8,074
14	Masonry, brick and stone	4	400			100	300	5			9	6,316
15	Millinery, custom work	13	5,620			1,070	4,550	16			14	2,523
16	Monuments and tombstones	3	14,145	5,300	1,600	145	7,100	3	1	500	10	6,100
17	Painting, house, sign, etc	10	3,405	700	400	695	1,610	10			17	8,018
18	Plastering and stuccowork	4	280			50	230	4			5	2,100
19	Plumbing, and gas and steam fitting	3	13,700	1,500	1,500	2,220	8,480	6			14	7,389
20	Printing and publishing, book and job	4	2,275			1,500	775	5			3	535
21	Printing and publishing, newspapers and periodicals.	7	35,061	2,000	500	20,291	12,270	6	7	5,950	31	11,784
22	Saddlery and harness	5	28,275	1,000	1,800	9,025	16,450	4	3	2,450	26	10,734
23	Tinsmithing, coppersmithing, and sheet-iron working.	7	6,041	150	275	1,140	4,476	13	1	130	13	5,704
24	Tobacco, cigars and cigarettes	13	21,057	4,900	5,400	502	10,255	13			18	8,324
25	Watch, clock, and jewelry repairing	5	2,300	425	450	725	700	6			1	720
26	All other industries[1]	53	1,904,731	113,950	249,230	680,653	860,898	48	50	54,448	1,440	441,372

[1] Embraces baskets, and rattan and willow ware, 1; bottling, 1; boxes, wooden packing, 1; brass castings and brass finishing, 1; brick and tile, 2; brooms and brushes, 2; cars and general shop construction and repairs by steam railroad companies, 2; cheese, butter, and condensed milk, factory product, 2; clothing, men's, factory product, 2; confectionery, 2; cooperage, 2; corsets, 2; cotton waste, 1; dyeing and cleaning, 1; electrical construction and repairs, 1; fertilizers, 1; flavoring extracts, 1; flouring and grist mill products, 2; furniture, cabinetmaking, repairing, and upholstering, 2; gas, illuminating and heating, 1; glue, 1; hosiery and

SOUTH BEND.

1	All industries	302	$18,156,638	$2,405,343	$3,390,258	$1,858,555	$10,502,482	330	539	$577,520	8,257	$3,409,637
2	Agricultural implements	6	1,775,722	154,100	343,700	268,900	1,009,022	1	123	131,056	1,382	669,380
3	Bicycle and tricycle repairing	10	17,250			2,800	14,450	14			14	6,720
4	Blacksmithing and wheelwrighting	13	8,862	2,175	3,550	1,735	1,402	13			18	10,899
5	Boots and shoes, custom work and repairing.	14	2,730	50	340	950	1,390	12			9	3,488
6	Bottling	6	8,005	700	1,900	1,375	4,030	4	1	1,364	10	4,748
7	Bread and other bakery products	12	45,370	13,600	15,850	9,400	6,520	12			39	15,335
8	Brick and tile	3	34,000	10,500	1,700	6,500	15,300	4	1	600	36	17,100
9	Carpentering	10	11,540	2,500	2,500	1,090	5,450	12			44	26,700
10	Carriages and wagons	10	11,914,140	1,792,793	2,402,053	529,268	7,190,026	16	166	200,598	2,251	972,548
11	Clothing, men's, custom work and repairing.	15	17,860	100	400	1,340	16,020	18	1	1,200	42	25,051
12	Confectionery	6	8,825		700	4,600	3,525	8			19	6,976
13	Dyeing and cleaning	3	1,450			900	550	5			1	620
14	Electrical construction and repairs	3	9,425			375	9,050	2	1	1,200	11	5,420
15	Flouring and grist mill products	3	136,300	78,000	20,000	24,000	14,300	3	3	2,000	14	6,756
16	Foundry and machine shop products	10	454,669	31,500	101,226	81,351	240,592	9	27	19,244	302	132,994
17	Furniture, cabinetmaking, repairing, and upholstering.	6	7,495	5,000	300	1,270	925	7			2	1,050
18	Lumber, planing mill products, including sash, doors, and blinds.	7	142,525	22,200	21,000	30,900	68,425	10	14	12,350	89	37,400
19	Masonry, brick and stone	7	38,750	9,100	7,600	6,275	15,775	9	4	1,800	165	68,903
20	Millinery, custom work	18	42,600	4,800	3,000	4,055	30,745	22	6	2,988	52	15,182
21	Painting, house, sign, etc	13	46,800	4,250	4,050	3,425	35,075	17	2	980	75	37,370

BY SPECIFIED INDUSTRIES: 1900—Continued.

MUNCIE—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
8	$3,658					$786	$226	$60	$500		$151,930	$151,930		$172,128	32
16	9,326					1,133	760	53	320		14,350	14,195	$155	31,570	33
18	9,645	2	$350			5,786	429	35	5,322		7,938	7,938		30,031	34
5	3,225					1,230	1,120	5	105		1,275	1,275		10,870	35
1,052	428,056	96	21,623	3	$604	124,112	1,023	7,170	115,919		1,091,798	1,055,878	35,920	2,051,781	36

products, including sash, doors, and blinds, 2; mantels, slate, marble, and marbleized, 1; models and patterns, 1; monuments and tombstones, 2; paper and wood pulp, 2; patent medicines and compounds, 2; plated and britannia ware, 2; plumbers' supplies, 1; pottery, terra cotta, and fire-clay products, 1; stationery goods, not elsewhere specified, 1; vinegar and cider, 1; washing machines and clothes wringers, 2; wood, turned and carved, 1.

NEW ALBANY.

1,796	$732,515	596	$105,871	38	$5,294	$231,771	$16,860	$17,289	$180,207	$17,415	$2,364,138	$2,252,628	$111,510	$4,179,490	1
3	988					290	228		62		1,365	1,289	76	3,740	2
7	3,007					369	222	132	15		2,744	2,550	194	9,475	3
7	2,775			1	260	709	498	62	149		3,706	3,648	58	11,420	4
27	8,566					2,398	468	533	1,397		35,192	33,808	1,384	61,744	5
59	33,183	3	624			18,794	408	195	1,691	16,500	59,814	59,723	91	153,351	6
9	5,462					562	240	112	210		4,379	4,071	308	22,040	7
38	13,940	24	3,471	1	100	3,311	1,142	444	1,725		33,928	33,754	174	70,098	8
		25	3,875	1	55	524	498		26		5,839	5,745	94	14,720	9
364	151,781					37,269	1,730	1,949	33,590		254,391	244,005	10,386	545,052	10
136	51,540	1	260			7,039	960	986	5,093		87,596	86,758	838	183,000	11
104	44,100					9,809	1,000	1,459	7,350		303,217	300,159	3,058	382,930	12
19	8,074					34,753	540	1,855	32,358		19,965	16,818	3,147	88,246	13
9	6,316					10			10		10,675	10,675		20,460	14
		14	2,523			2,563	1,844	35	684		19,542	19,357	185	31,900	15
10	6,100					456	48	183	225		9,259	9,200	59	30,300	16
16	7,888			1	130	683	350	36	297		6,664	6,633	31	22,085	17
5	2,100					15			15		2,419	2,419		6,625	18
14	7,389					612	174	138	300		14,962	14,850	112	31,750	19
2	460			1	75	482	222	15	245		1,937	1,878	59	5,645	20
24	10,050	7	1,734			4,085	966	225	2,194	700	6,848	6,321	527	45,272	21
26	10,734					1,539	572	180	787		11,134	10,743	391	27,778	22
13	5,704					1,296	732	58	506		13,971	13,785	186	29,764	23
15	8,070			8	254	5,597	1,026	266	4,290	15	11,320	11,152	168	39,743	24
1	720					790	612	36	142		1,318	1,273	45	6,074	25
883	343,568	522	93,384	30	4,420	97,816	2,380	8,390	86,846	200	1,441,953	1,352,014	89,939	2,336,278	26

knit goods, 1; ice, manufactured, 2; iron and steel, 2; looking-glass and picture frames, 2; lumber and timber products, 1; lumber, planing mill products, including sash, doors, and blinds, 1; marble and stone work, 2; mattresses and spring beds, 1; mineral and soda waters, 1; photography, 2; pottery, terra cotta, and fire-clay products, 2; pumps, not including steam pumps, 1; shoddy, 1; tobacco, chewing, smoking, and snuff, 1; wood, turned and carved, 1; woolen goods, 1.

SOUTH BEND.

6,926	$3,043,233	1,120	$332,670	211	$33,784	$950,093	$96,656	$82,023	$762,454	$8,960	$7,510,806	$7,335,302	$175,504	$14,236,331	1
1,358	663,327	24	6,053			287,817	175	22,720	264,922		1,039,339	974,640	64,699	2,432,083	2
13	6,620			1	100	3,451	2,398	267	786		23,221	23,003	218	41,740	3
18	10,899					1,169	772	116	281		7,156	6,712	444	33,620	4
9	3,488					1,271	1,179	38	54		5,293	5,144	149	16,990	5
10	4,748					1,197	764	184	249		37,733	37,633	100	55,500	6
26	12,728	13	2,607			2,354	1,464	292	598		63,836	61,523	2,313	105,485	7
36	17,100					2,320	1,400	220	700		9,117	417	8,700	38,250	8
43	26,540			1	160	485	90	104	291		105,839	105,759	80	156,509	9
2,229	965,282	22	7,266			224,088	1,516	30,541	192,031		1,626,758	1,588,900	37,858	3,494,052	10
40	24,495	2	556			4,163	3,304	202	657		23,654	23,119	535	75,086	11
12	5,584	7	1,392			3,090	2,537	95	458		26,350	25,767	583	50,990	12
1	620					676	525	22	129		673	438	235	4,120	13
10	5,300			1	120	1,143	780	53	310		18,418	18,396	22	32,268	14
14	6,756					6,207	100	1,012	5,095		238,865	238,685	180	271,497	15
302	132,994					29,554	15,920	2,937	8,897	1,800	193,281	182,456	10,825	1,531,754	16
2	1,050					648	440	76	132		5,035	4,977	58	9,975	17
39	37,400					6,617	1,305	1,080	2,732	1,500	141,490	140,740	750	241,500	18
166	68,903					3,426	140	381	1,405	1,500	105,267	105,159	108	208,370	19
1	720	51	14,462			11,759	6,375	621	4,763		86,944	86,048	896	146,587	20
75	37,370					3,599	2,455	278	866		39,059	38,655	404	108,613	21

TABLE 8.—MANUFACTURES IN CITIES

SOUTH BEND—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
22	Paper and wood pulp	3	$118,804	$26,200	$22,000	$40,610	$29,994	3	9	$13,636	71	$23,420
23	Patent medicines and compounds	9	73,672	2,425	9,150	4,525	57,572	4	41	21,496	61	25,320
24	Paving and paving materials	4	5,650	500	50	500	4,600	6			30	9,439
25	Photography	4	9,600	2,500	2,500	3,400	1,200	5			10	4,320
26	Plumbing, and gas and steam fitting	8	54,680			3,630	51,050	9	2	1,045	49	30,155
27	Printing and publishing, book and job	7	30,800	500	1,000	21,750	7,550	9	2	1,561	39	15,878
28	Printing and publishing, newspapers and periodicals.	5	99,900	16,000	10,300	56,200	17,400	6	17	16,800	70	34,757
29	Saddlery and harness	6	28,305	8,000	6,000	1,655	12,650	7			17	7,385
30	Shirts	3	229,900	3,000	40,000	10,800	176,100	1	11	10,180	616	216,244
31	Tinsmithing, coppersmithing, and sheet-iron working.	14	31,981	3,050	8,810	6,291	13,830	19	3	2,709	30	15,041
32	Tobacco, cigars and cigarettes	12	94,387	1,850	3,100	3,010	86,427	14	7	11,000	262	73,582
33	Watch, clock, and jewelry repairing	8	10,585	1,500	300	3,085	5,700	8			10	4,795
34	Wood, turned and carved	3	97,844	12,000	21,200	26,300	38,344	1	8	9,400	78	30,295
35	All other industries[1]	41	2,546,212	196,450	335,979	696,290	1,317,493	40	90	114,313	2,338	854,366

[1] Embraces baking and yeast powders, 1; bicycles and tricycles, 1; bluing, 1; bookbinding and blank book making, 2; boxes, cigar, 1; boxes, fancy and paper, 1; brooms and brushes, 1; carriage and wagon materials, 1; clothing, women's, dressmaking, 1; cutlery and edge tools, 1; druggists' preparations, not including prescriptions, 2; electrical apparatus and supplies, 1; engraving, steel, including plate printing, 1; furniture, factory product, 1; gas, illuminating and heating, 1; hardware, 2; hosiery and knit goods, 1; ice, manufactured, 1; iron and steel, 1; lock and gun smithing, 2; looking-glass and picture frames, 1; lumber and timber

TERRE HAUTE.

1	All industries	429	$8,938,107	$730,715	$1,531,520	$3,046,181	$3,629,691	493	353	$351,127	5,427	$2,298,585
2	Bicycle and tricycle repairing	13	15,725		1,100	5,775	8,850	24	1	200	11	4,854
3	Blacksmithing and wheelwrighting	28	40,195	12,750	11,250	4,670	11,525	34			42	18,116
4	Boots and shoes, custom work and repairing.	16	7,760	3,800	2,000	1,615	345	16			6	2,413
5	Bread and other bakery products	8	158,000	4,500	2,900	120,088	30,512	7	20	12,180	64	25,542
6	Brick and tile	6	78,922	26,000	25,500	9,122	18,300	13	3	3,000	65	20,312
7	Brooms and brushes	3	3,650	1,000	1,200	750	700	4			6	2,704
8	Carpentering	52	126,755	28,375	51,395	3,770	43,215	60	2	1,275	192	83,967
9	Carriages and wagons	6	88,475	18,000	29,000	7,175	34,300	5	5	3,948	80	37,072
10	Clothing, men's, custom work and repairing.	15	35,175	600	1,000	700	32,875	20	5	3,450	82	38,454
11	Clothing, men's, factory product	4	356,766	12,500	27,500	23,000	293,766	6	34	34,800	790	187,400
12	Clothing, women's, dressmaking	10	2,600			950	1,650	10			30	6,147
13	Confectionery	10	81,725	14,950	16,125	17,800	32,850	15	8	7,576	66	16,637
14	Cooperage	5	30,760	5,755	9,000	3,655	12,350	6	3	2,000	74	25,176
15	Dyeing and cleaning	3	1,825			1,115	710	3			6	2,435
16	Flouring and grist mill products	7	1,018,873	102,500	211,250	406,400	298,723	7	11	10,516	125	61,180
17	Foundry and machine shop products	12	299,168	25,700	51,800	56,231	165,437	10	22	24,118	207	96,605
18	Furniture, cabinetmaking, repairing, and upholstering.	6	2,580			380	2,200	8			8	2,600
19	Liquors, distilled	3	944,000	66,500	160,000	401,000	316,500		19	41,172	139	65,415
20	Masonry, brick and stone	14	34,085	7,225	9,250	1,860	15,750	18			57	34,910
21	Millinery, custom work	14	42,790	5,000	3,000	1,240	33,550	18			59	15,856
22	Mineral and soda waters	4	14,060	4,360	4,800	2,400	2,500	3	2	1,560	7	3,436
23	Painting, house, sign, etc	21	17,125	4,800	8,750	1,225	2,350	25			35	15,502
24	Paper hanging	10	16,505	5,000	6,000	845	4,660	11	1	1,200	26	15,520
25	Patent medicines and compounds	3	6,050			1,950	4,100	6			11	8,420
26	Photography	10	8,340		200	5,465	2,675	11	1	900	10	4,455
27	Plastering and stuccowork	13	12,220	5,500	4,600	995	1,125	18			39	24,200
28	Plumbing, and gas and steam fitting	3	43,100	15,000	10,000	4,100	14,000	5	2	2,000	35	24,140
29	Printing and publishing, book and job	9	54,960	400	600	34,200	19,760	11	19	7,900	85	32,301
30	Printing and publishing, newspapers and periodicals.	6	103,950	4,400	8,000	39,500	52,050	3	26	22,350	72	41,159
31	Saddlery and harness	3	18,725	700	1,600	775	15,650	3			14	6,150
32	Slaughtering and meat packing, wholesale.	3	43,100	3,600	8,200	6,800	29,500	2	2	960	19	6,500
33	Tinsmithing, coppersmithing, and sheet-iron working.	19	33,630	5,300	4,250	7,375	16,705	18	12	6,113	59	33,647
34	Tobacco, cigars and cigarettes	20	28,766	5,950	11,900	455	10,461	22	1	675	34	14,042
35	Watch, clock, and jewelry repairing	12	4,520			2,150	2,370	12			13	9,360
36	All other industries[1]	58	5,163,227	310,550	854,350	1,870,650	2,097,677	59	154	163,234	2,859	1,316,958

[1] Embraces artificial limbs, 1; awnings, tents, and sails, 1; baskets, and rattan and willow ware, 1; bookbinding and blank book making, 1; bottling, 1; boxes, cigar, 1; brass castings and brass finishing, 1; bridges, 1; carpets, rag, 2; carriage and wagon materials, 1; cars and general shop construction and repairs by steam railroad companies, 1; cars, steam railroad, not including operations of railroad companies, 1; clothing, women's, factory product, 2; coffee and spice, roasting and grinding, 2; coffins, burial cases, and undertakers' goods, 1; electrical apparatus and supplies, 2; electrical construction and repairs, 1; electroplating, 1; engraving and diesinking, 1; flavoring extracts, 1; food preparations, 1; furniture, factory product, 1; gas, illuminating and heating, 1; gas machines and meters, 1; grease

BY SPECIFIED INDUSTRIES: 1900—Continued.

SOUTH BEND—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
55	$20,854	16	$2,566			$3,159	$1,000	$539	$1,620		$104,050	$98,450	$5,600	$176,250	22
23	10,410	33	14,910			87,125	1,556	484	85,085		23,358	22,683	675	184,047	23
30	9,439					287	200	5	82		26,275	26,275		47,286	24
8	3,942	2	378			1,379	816	182	381		4,458	4,225	233	20,700	25
49	30,155					6,757	1,788	186	2,383	$2,400	96,377	96,026	351	157,668	26
26	13,159	11	2,407	2	$312	3,423	2,043	269	1,111		19,315	18,422	893	55,561	27
53	30,378	8	3,100	9	1,279	5,413	984	971	1,942	1,516	33,219	32,108	1,111	103,176	28
17	7,385					2,645	1,450	384	811		24,162	23,987	175	48,061	29
57	20,204	559	196,040			4,241	179	1,002	3,060		254,526	253,475	1,051	555,500	30
30	15,041					3,664	1,980	439	1,245		33,928	33,231	697	81,000	31
94	46,848	142	23,532	26	3,202	64,121	2,451	666	61,004		116,610	115,985	625	292,829	32
10	4,795					3,774	2,850	147	777		3,995	3,540	455	19,702	33
78	30,295					5,280		800	4,480		42,694	40,490	2,204	102,500	34
1,942	768,404	225	57,401	171	28,561	163,791	35,720	14,710	113,117	244	1,930,511	1,898,234	32,277	3,337,062	35

products, 1; marble and stone work, 1; mattresses and spring beds, 1; mineral and soda waters, 2; monuments and tombstones, 1; oil, linseed, 1; optical goods, 1; printing materials, 1; roofing and roofing materials, 2; sewing machine cases, 1; stationery goods, not elsewhere specified, 1; toys and games, 1; wirework, including wire rope and cable, 1; woolen goods, 1.

TERRE HAUTE.

4,344	$2,044,323	1,067	$252,081	10	$2,181	$15,358,415	$62,749	$47,734	$15,088,687	$159,245	$8,029,285	$7,798,189	$231,096	$27,784,619	1
11	4,854					4,167	2,854	152	1,161		19,938	19,375	563	41,840	2
40	17,856			2	260	3,125	1,912	514	599	100	22,344	20,980	1,364	69,070	3
5	2,100	1	313			1,196	1,095	61	40		3,943	3,786	157	13,365	4
46	21,836	13	2,756	5	950	34,857	2,314	700	31,843		113,672	110,420	3,252	226,027	5
63	19,962			2	350	2,209	350	451	1,408		10,499	2,124	8,375	49,750	6
5	2,704					197	136	39	22		5,230	5,210	20	10,400	7
192	83,967					94,599	1,020	1,636	1,248	90,695	184,875	184,538	337	427,765	8
78	36,500	2	572			5,433	1,650	850	2,933		63,161	61,845	1,316	135,790	9
65	34,964	17	3,490			5,421	3,935	292	1,194		47,011	46,399	612	122,530	10
30	14,400	760	173,000			12,739	4,700	2,139	5,900		535,802	530,272	5,530	826,000	11
		30	6,147			1,567	1,522	21	24		1,388	1,195	193	13,600	12
37	11,946	29	4,691			7,179	3,250	1,079	2,850		40,149	38,834	1,315	94,017	13
74	25,176					1,341		466	875		83,059	82,034	1,025	122,028	14
4	1,880	2	555			1,071	876	50	145		1,001	870	131	6,900	15
118	59,110	7	2,070			14,857	1,380	4,519	8,958		1,175,690	1,164,214	11,476	1,363,338	16
206	96,305	1	300			18,598	1,302	2,627	14,669		182,024	177,068	4,956	404,128	17
8	2,600					796	660	35	101		8,931	8,853	78	16,440	18
139	65,415					14,271,828		4,661	14,253,492	13,675	1,377,356	1,318,133	59,223	16,041,747	19
57	34,910					3,979	324	500	155	3,000	45,605	45,390	215	98,650	20
		58	15,799	1	57	8,788	6,892	367	1,529		68,520	68,258	262	98,586	21
6	3,036	1	400			822	36	221	565		4,314	4,042	272	14,950	22
34	15,202	1	300			1,769	1,294	297	178		15,648	15,561	87	46,375	23
26	15,520					2,525	1,977	361	187		31,641	31,541	100	62,350	24
5	2,200	6	1,220			1,922	710	62	1,150		8,423	8,145	278	18,000	25
7	3,895	3	560			2,794	2,242	113	439		9,162	8,952	210	32,000	26
39	24,200					578	120	232	226		30,380	30,360	20	70,225	27
34	23,900	1	240			2,285	660	260	1,365		55,815	55,440	375	100,350	28
66	28,701	19	3,600			7,601	2,684	495	2,797	1,625	34,138	32,307	1,831	114,660	29
57	33,071	15	8,088			67,152	2,260	974	13,918	50,000	29,551	27,205	2,346	189,579	30
14	6,150					1,247	840	132	275		12,390	12,290	100	25,000	31
19	6,500					3,930	1,320	850	1,760		184,269	182,994	1,275	212,962	32
59	33,647					5,011	2,161	458	2,242	150	54,627	53,796	831	135,450	33
29	13,554	1	100	4	388	10,468	1,724	340	8,404		26,907	26,597	310	71,465	34
12	9,110	1	250			3,165	2,567	108	490		5,702	5,555	147	24,870	35
2,758	1,289,152	99	27,630	2	176	753,199	5,982	21,672	725,545		3,536,120	3,413,606	122,514	6,484,412	36

and tallow, 1; hairwork, 1; ice, manufactured, 1; iron and steel, 2; ironwork, architectural and ornamental, 1; liquors, malt, 1; lock and gun smithing, 2; looking-glass and picture frames, 2; lumber and timber products, 2; lumber, planing mill products, including sash, doors, and blinds, 2; marble and stone work, 2; mattresses and spring beds, 1; monuments and tombstones, 2; paving and paving materials, 1; pumps, not including steam pumps, 1; roofing and roofing materials, 1; scales and balances, 2; shirts, 1; tobacco, chewing, smoking, and snuff, 1; tools, not elsewhere specified, 2; trunks and valises, 1.

TABLE 9.—MANUFACTURES IN CITIES AND

	Cities and towns.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
1	Total for cities and towns	5,429	$99,143,125	$5,795,293	$15,886,733	$28,793,376	$48,667,723	5,997	4,405	$4,044,133	61,168	$27,318,858
2	Alexandria	95	3,062,182	144,090	1,112,380	1,110,620	695,092	98	40	86,719	1,903	993,815
3	Angola	38	201,548	11,700	22,500	80,075	87,273	42	8	4,372	141	47,300
4	Attica	46	389,945	25,945	50,816	55,208	257,976	54	56	36,604	313	94,550
5	Auburn	59	620,612	34,051	85,169	83,842	417,550	66	50	50,435	470	193,080
6	Aurora	59	515,494	19,260	53,173	164,786	278,275	55	39	31,755	515	172,542
7	Bedford	55	438,793	73,850	103,371	110,550	151,022	62	13	13,503	315	154,771
8	Bloomington	58	317,937	44,900	49,800	93,600	129,637	67	14	12,170	391	123,949
9	Bluffton	91	416,432	31,100	48,800	86,458	250,074	84	43	24,126	461	175,829
10	Brazil	124	1,469,183	161,230	222,375	628,830	456,748	138	46	36,687	809	375,614
11	Brookville	40	155,082	11,700	33,300	54,560	55,522	47	17	9,960	199	71,294
12	Butler	25	170,911	8,650	31,578	36,667	94,016	27	20	10,362	175	51,925
13	Cannelton	26	509,822	18,000	84,700	219,733	187,389	25	9	12,900	410	95,672
14	Columbia City	60	340,995	28,290	51,500	105,450	155,755	56	16	12,704	254	109,313
15	Columbus	94	2,637,825	99,208	253,339	349,059	1,936,219	116	155	116,356	1,347	522,427
16	Connersville	68	1,880,511	77,850	270,525	321,431	1,210,705	68	105	94,505	1,455	589,095
17	Crawfordsville	71	402,497	42,300	58,918	143,925	157,354	78	38	29,668	318	133,502
18	Decatur	83	389,040	68,200	50,400	80,400	190,040	107	20	15,898	341	128,181
19	Delphi	54	234,026	16,400	38,775	111,810	67,041	65	8	3,589	183	76,889
20	East Chicago	17	2,768,122	246,339	414,648	1,241,035	866,100	9	63	85,405	1,448	627,855
21	Edinburg	26	160,503	13,300	25,000	19,345	102,858	32	2	1,500	117	41,920
22	Elkhart	142	2,901,541	166,350	547,236	828,307	1,359,648	147	222	167,604	2,324	1,097,741
23	Elwood	135	4,513,128	204,762	788,808	1,831,880	1,687,678	146	107	114,330	2,958	1,781,752
24	Fairmount	37	272,528	18,565	120,207	44,020	89,736	44	11	11,966	649	343,572
25	Frankfort	86	544,645	49,485	105,490	154,468	235,202	97	67	43,268	672	292,349
26	Franklin	67	236,700	26,400	42,682	75,658	91,960	76	15	9,328	129	56,188
27	Garrett	28	229,083	9,210	89,450	62,183	68,240	32	32	22,712	354	184,066
28	Gas City	36	1,606,938	64,582	270,245	431,804	840,307	29	68	72,578	1,427	840,747
29	Goshen	133	1,596,928	98,173	306,121	422,412	770,222	145	149	106,436	1,112	412,752
30	Greencastle	68	199,694	17,810	31,390	80,270	70,224	89	12	3,943	145	58,087
31	Greenfield	59	402,936	30,750	90,850	113,856	167,480	63	53	25,454	383	195,512
32	Greensburg	76	353,430	30,430	64,550	76,911	181,539	99	29	21,984	324	123,982
33	Hammond	52	6,326,907	333,850	1,053,497	1,790,384	3,149,176	49	291	331,388	2,738	1,265,521
34	Hartford City	100	1,079,461	56,000	338,270	300,164	385,027	124	49	47,490	950	573,227
35	Huntingburg	51	171,854	19,580	44,160	32,400	75,714	51	15	6,583	173	64,329
36	Huntington	99	956,803	118,152	173,477	202,764	462,410	113	74	45,844	1,238	521,251
37	Jasper	42	162,323	20,900	37,146	21,575	82,702	50	8	3,010	202	80,124
38	Jeffersonville	78	2,695,007	167,218	418,215	422,854	1,686,720	87	78	121,410	1,802	877,275
39	Kendallville	39	753,180	18,974	83,850	87,227	563,129	50	29	25,165	407	150,511
40	Kokomo	136	2,533,909	165,886	607,624	1,019,368	741,031	133	134	101,949	1,747	707,688
41	Lafayette	234	3,061,476	211,025	496,809	1,115,464	1,238,178	234	316	276,644	1,756	767,079
42	Laporte	96	2,849,165	214,385	301,300	479,873	1,853,607	106	115	117,289	989	379,097
43	Lawrenceburg	51	1,047,246	44,630	122,400	162,615	717,601	59	48	53,635	674	287,888
44	Lebanon	66	258,720	27,903	48,675	68,842	113,300	91	12	6,542	291	105,958
45	Logansport	170	1,969,073	226,110	370,575	520,041	852,347	200	78	54,674	1,627	730,494
46	Madison	111	1,553,444	60,170	284,507	447,337	761,430	112	74	63,362	1,011	346,832
47	Marion	163	3,587,672	241,115	759,364	909,802	1,677,391	184	190	160,149	3,109	1,475,371
48	Michigan City	82	4,242,355	105,683	443,622	636,910	3,056,140	81	91	104,119	2,930	1,045,245
49	Middletown	23	430,087	12,650	47,576	227,243	142,618	23	7	5,733	267	185,482
50	Mishawaka	56	3,912,030	171,318	388,144	476,367	2,906,201	50	166	260,754	1,761	843,922
51	Montpelier	60	196,862	57,950	60,000	33,620	45,292	75	5	2,900	238	123,080
52	Mt. Vernon	86	713,217	121,661	150,875	190,232	250,449	103	22	15,112	362	147,567
53	New Castle	54	363,190	22,775	50,022	81,551	208,842	66	25	21,878	268	90,589
54	Noblesville	56	1,016,790	91,280	203,534	315,883	406,093	59	28	33,180	593	242,055
55	Peru	103	1,147,288	95,570	224,150	271,166	556,402	118	67	49,589	1,271	470,919
56	Plymouth	52	387,146	18,175	105,031	126,579	137,361	63	26	17,325	300	112,444
57	Portland	72	218,310	29,075	27,475	64,015	97,745	84	9	8,820	398	137,946
58	Princeton	87	605,351	66,390	109,242	146,112	283,607	105	19	13,294	469	207,789
59	Richmond	195	5,175,446	383,155	627,113	777,225	3,387,953	189	356	327,920	2,991	1,306,921
60	Rockport	45	674,246	49,715	136,900	201,517	286,114	59	17	14,191	211	71,676
61	Rushville	91	531,736	34,250	93,150	130,393	273,943	117	23	13,505	405	168,849
62	Seymour	81	871,746	53,346	106,300	220,336	491,764	91	34	31,437	671	234,860
63	Shelbyville	122	902,725	45,646	114,930	193,951	548,198	148	43	40,101	829	335,744
64	Sheridan	33	109,111	10,335	19,750	41,100	37,926	36	8	5,476	109	67,248
65	Tell City	46	466,979	31,810	93,806	91,330	250,033	38	24	14,310	585	188,005
66	Tipton	56	203,087	24,650	28,750	41,460	108,227	71	6	5,700	277	109,605
67	Troy	10	104,220	6,900	21,000	15,655	60,665	12	2	1,080	95	19,016
68	Union City	53	232,807	18,100	51,400	46,620	116,687	47	14	12,700	164	71,069
69	Valparaiso	66	189,610	31,925	38,855	61,982	56,848	72	17	14,253	306	92,014
70	Vincennes	109	1,552,386	94,311	456,341	508,300	493,434	105	75	58,845	970	388,865
71	Wabash	109	2,430,502	128,294	497,991	680,395	1,123,822	121	87	83,798	1,241	589,355
72	Warsaw	75	351,872	46,450	51,909	118,429	135,084	88	17	11,221	244	110,822
73	Washington	57	437,177	46,910	160,280	132,837	97,150	55	20	13,165	621	314,742
74	Whiting	6	12,701,598	178,191	920,622	6,162,305	5,440,480	5	159	159,772	1,836	1,144,113

TOWNS UNDER 20,000 IN POPULATION: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
53,166	$25,679,582	6,479	$1,376,582	1,523	$262,694	$6,569,569	$505,310	$514,900	$5,380,943	$168,416	$97,666,444	$95,433,693	$2,232,751	$157,405,121	1
1,700	952,050	84	16,715	119	25,050	139,082	6,719	13,887	118,476	----------	1,237,069	1,190,979	46,090	2,929,596	2
129	44,833	9	2,035	8	432	12,309	2,108	1,206	8,935	60	268,280	263,443	4,837	420,937	3
200	74,499	113	20,051	------	----------	416,719	3,778	3,465	409,302	174	250,291	247,083	3,208	955,478	4
444	187,226	25	5,754	1	100	37,988	8,295	3,270	28,763	2,660	655,775	648,498	7,277	1,152,250	5
427	154,895	81	16,807	7	840	32,920	8,212	3,391	24,309	2,008	481,483	474,193	7,290	877,139	6
292	150,358	21	4,118	2	295	28,382	6,126	4,169	18,087	----------	275,609	267,010	8,599	566,185	7
374	119,978	14	3,697	3	274	21,611	4,764	4,836	12,011	----------	405,636	400,153	5,483	714,838	8
372	157,030	87	18,340	2	459	49,299	8,662	3,910	34,727	2,000	525,428	516,948	8,480	973,993	9
759	365,649	35	7,422	15	2,543	62,593	7,292	4,841	36,565	13,895	1,077,795	1,018,657	59,138	1,815,474	10
185	68,294	11	2,692	3	308	14,488	1,829	1,104	11,555	----------	173,049	168,322	4,727	317,968	11
146	47,449	23	3,770	6	706	12,089	789	1,011	10,189	100	194,511	191,406	3,105	327,600	12
151	49,508	245	44,664	14	1,500	18,859	663	5,774	12,422	----------	189,758	182,299	7,459	375,592	13
205	97,316	43	11,297	6	700	30,112	4,657	3,343	21,744	368	486,937	478,277	8,660	743,007	14
1,279	510,321	59	10,889	9	1,217	194,312	9,653	11,821	167,563	5,275	1,595,644	1,577,749	17,895	2,933,662	15
1,393	575,427	43	10,782	19	2,886	153,537	6,673	10,288	136,576	----------	1,485,962	1,451,261	34,701	2,598,420	16
274	122,568	42	10,634	2	300	43,765	9,277	3,089	31,399	----------	343,241	334,706	8,535	735,536	17
292	121,231	44	6,392	5	558	32,386	5,985	2,637	19,364	4,400	320,002	311,577	8,425	656,430	18
157	72,021	23	4,409	3	459	12,856	4,463	1,396	6,997	----------	164,116	153,438	10,678	326,876	19
1,441	626,805	------	----------	7	1,050	92,211	1,395	5,547	85,269	----------	1,723,381	1,608,521	114,860	3,055,689	20
109	40,445	6	1,325	2	150	6,404	1,128	1,232	3,994	50	66,648	64,900	1,748	160,720	21
2,037	1,014,789	278	81,509	9	1,443	468,438	28,755	13,979	420,056	5,648	2,065,031	2,005,014	60,017	4,283,746	22
2,574	1,686,133	176	44,582	208	51,037	175,187	12,009	23,886	134,792	4,500	6,999,786	6,862,209	137,577	9,929,311	23
489	326,990	54	10,713	106	5,869	18,517	1,674	2,520	14,323	----------	316,112	309,108	7,004	833,517	24
614	280,173	50	10,775	8	1,401	45,531	13,205	5,230	26,963	133	786,336	770,323	16,013	1,411,736	25
113	52,771	14	3,048	2	369	19,349	4,228	2,941	10,620	1,560	287,626	282,214	5,412	492,687	26
343	181,280	11	2,786	------	----------	7,906	1,769	1,578	2,359	2,200	373,477	369,564	3,913	628,153	27
1,205	797,537	101	21,964	121	21,246	33,487	1,582	6,727	25,178	----------	1,677,224	1,635,210	42,014	2,959,187	28
908	374,860	194	36,632	10	1,260	162,913	11,642	8,680	142,591	----------	1,475,939	1,458,048	17,891	2,521,242	29
127	53,993	18	4,094	------	----------	15,887	5,492	1,290	6,290	2,815	216,788	213,658	3,130	395,398	30
299	176,335	51	17,737	33	1,440	31,983	3,828	3,331	24,681	143	357,774	344,273	13,501	761,222	31
278	112,834	39	9,642	7	1,506	52,619	7,551	3,008	42,060	----------	725,562	717,026	8,536	1,107,694	32
2,215	1,138,151	519	126,870	4	500	491,449	6,936	20,738	458,695	5,080	20,277,354	20,186,585	90,769	25,223,536	33
822	545,492	63	16,960	65	10,775	56,324	6,775	5,987	43,412	150	765,340	749,714	15,626	1,747,090	34
165	62,925	4	860	4	544	11,178	1,094	1,662	8,422	----------	232,087	228,262	3,825	378,440	35
1,165	507,873	67	12,088	6	1,290	45,923	9,497	6,982	29,444	----------	1,106,697	1,074,077	32,620	1,922,329	36
193	78,526	7	1,398	2	200	10,412	868	1,622	7,922	----------	142,128	140,340	1,788	297,600	37
1,779	872,404	19	4,235	4	636	143,146	8,578	11,660	122,663	245	2,579,034	2,526,060	52,974	4,099,209	38
387	147,164	13	3,097	2	250	147,333	2,482	2,095	142,756	----------	306,324	298,603	7,721	936,880	39
1,511	672,900	224	33,979	12	809	219,510	12,350	18,110	171,699	17,351	1,308,899	1,224,018	84,881	2,724,859	40
1,388	692,503	361	73,371	7	1,205	286,049	45,815	22,206	198,522	19,506	2,322,364	2,273,847	48,517	4,310,730	41
827	340,592	159	37,980	3	525	127,086	9,586	12,311	105,049	140	1,194,572	1,171,885	22,687	2,247,659	42
624	279,514	30	5,956	20	2,418	90,613	2,300	7,672	80,641	----------	1,632,315	1,612,669	19,646	2,250,034	43
255	99,103	31	6,455	5	400	17,004	5,111	2,707	8,686	500	343,864	335,626	8,238	588,879	44
1,422	688,948	187	38,542	18	3,004	139,096	22,091	15,730	101,275	----------	1,286,651	1,263,380	23,271	2,681,784	45
699	294,392	296	51,280	16	1,160	107,266	9,424	14,072	83,770	----------	1,176,754	1,153,298	23,456	2,145,838	46
2,513	1,336,971	306	71,427	290	66,973	296,907	22,503	17,083	255,053	2,268	2,487,417	2,390,844	96,573	5,170,435	47
2,430	960,900	367	65,705	133	18,640	267,048	5,589	11,132	205,464	44,863	4,007,823	3,945,206	62,617	6,129,001	48
264	184,898	2	505	1	79	19,733	977	1,536	17,020	200	599,597	597,599	1,998	926,917	49
1,627	803,156	132	40,480	3	286	184,419	3,119	14,706	162,982	3,612	1,474,313	1,451,145	23,168	3,176,773	50
219	119,530	19	3,550	------	----------	9,611	3,525	1,856	4,230	----------	346,119	342,674	3,445	638,640	51
347	144,577	10	2,434	5	556	31,486	4,459	3,424	19,578	4,025	999,168	987,695	11,473	1,382,349	52
228	84,354	40	6,235	------	----------	22,959	3,064	1,722	13,626	4,547	288,376	283,949	4,427	538,513	53
566	236,076	26	5,809	1	170	50,885	5,625	5,848	39,012	400	868,981	841,772	27,209	1,426,287	54
1,127	447,292	105	18,688	39	4,939	81,165	10,566	9,417	60,382	800	819,593	795,341	24,252	1,620,889	55
269	107,691	29	4,594	2	159	33,077	3,431	2,279	27,167	200	210,348	202,987	7,361	434,475	56
346	125,921	52	12,025	------	----------	16,001	3,619	3,386	8,996	----------	261,274	258,068	3,206	592,552	57
435	200,431	23	5,778	11	1,580	40,294	7,752	4,725	21,417	6,400	535,485	527,684	7,801	929,270	58
2,587	1,236,662	398	69,274	6	985	297,605	31,531	39,138	225,436	1,500	2,490,180	2,449,278	40,902	5,282,049	59
193	67,632	17	3,894	1	150	15,371	2,476	2,490	10,405	----------	165,126	154,878	10,248	403,083	60
367	161,244	31	6,719	7	886	37,523	4,030	2,781	30,712	----------	499,242	494,490	4,752	850,360	61
495	200,195	134	28,714	42	5,951	45,268	6,559	7,244	31,335	130	1,089,058	1,076,774	12,284	1,622,408	62
764	321,449	33	10,490	27	3,805	74,981	10,624	4,256	57,926	2,175	871,033	860,880	10,153	1,572,536	63
99	65,777	6	1,042	4	429	4,971	938	928	3,105	----------	99,018	87,314	11,704	241,567	64
440	162,270	138	24,783	7	952	51,808	779	4,910	46,119	----------	320,078	314,157	5,921	711,849	65
212	97,535	53	10,510	12	1,560	12,672	3,620	2,481	6,536	35	357,678	352,130	5,548	594,161	66
38	13,320	55	5,546	2	150	5,582	246	810	4,426	100	84,592	83,405	1,187	123,328	67
141	65,555	19	5,024	4	490	16,022	3,425	1,836	10,761	----------	237,692	234,547	3,145	443,847	68
149	59,836	154	31,662	3	516	14,991	4,493	2,131	8,367	----------	182,668	177,398	5,270	399,496	69
825	354,675	131	31,576	14	2,614	130,690	9,504	11,869	109,317	----------	1,098,676	1,054,217	44,459	2,282,384	70
1,117	555,206	124	34,149	------	----------	80,310	11,922	12,703	49,685	6,000	1,206,726	1,151,854	54,872	2,225,990	71
179	98,478	57	10,834	8	1,510	22,479	8,150	2,001	12,128	200	335,935	331,435	4,500	610,465	72
598	310,584	21	3,958	2	200	18,650	4,950	4,372	9,328	----------	433,101	421,316	11,785	883,062	73
1,823	1,141,282	13	2,831	------	----------	350,933	724	30,895	319,314	----------	13,420,494	12,810,225	610,269	16,674,285	74

INDIAN TERRITORY.

Table 1 shows the manufacturing and mechanical industries of Indian Territory, as returned at the censuses of 1890 (the first census at which separate totals were published) and 1900, with the percentages of increase for the decade.

TABLE 1.—COMPARATIVE SUMMARY, 1890 AND 1900, WITH PER CENT OF INCREASE FOR THE DECADE.

	1900	1890	Per cent of increase.		1900	1890	Per cent of increase.
Number of establishments	789	20	3,845.0	Women, 16 years and over	73	3	2,333.3
Capital	$2,624,265	$204,329	1,184.3	Wages	$17,299	$784	2,106.5
Salaried officials, clerks, etc., number	135	[1] 8	1,587.5	Children, under 16 years	16	7	128.6
Salaries	$86,067	[1] $6,608	1,202.5	Wages	$1,802	$574	213.9
Wage-earners, average number	1,714	167	926.3	Miscellaneous expenses	$163,174	$11,590	1,307.9
Total wages	$553,899	$73,222	656.5	Cost of materials used	$2,225,730	$127,864	1,640.7
Men, 16 years and over	1,625	157	935.0	Value of products, including custom work and repairing	$3,892,181	$248,932	1,463.6
Wages	$534,798	$71,864	644.2				

[1] Includes proprietors and firm members with their salaries; number only reported in 1900. (See Table 4.)

The industries in this territory are similar to those found in frontier states, with the exception of cotton ginning and the manufacture of cottonseed oil and cake, which latter industry had no existence at the census of 1890, but is now among the most important in the territory.

Table 2 divides the industries of the territory between the hand trades and the manufactures proper. This table also gives the statistics for establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	1,137	$2,787,592	1,363	1,892	$558,266	$167,426	$2,251,475	$1,269,263	$849,878	$132,334	$3,973,706
Hand trades[1]	302	218,325	370	266	103,929	50,529	252,060	3,850	232,552	15,658	611,387
Establishments with a product of less than $500	348	163,327	396	178	4,367	4,252	25,745	774	24,971	----------	81,525
All other establishments	487	2,405,940	597	1,448	449,970	112,645	1,973,670	1,264,639	592,355	116,676	3,280,794

[1] Includes bicycle and tricycle repairing, 4; blacksmithing and wheelwrighting, 212; boots and shoes, custom work and repairing, 16; carpentering, 9; clothing, men's, custom work and repairing, 12; clothing, women's, dressmaking, 9; furniture, cabinetmaking, repairing, and upholstering, 1; lock and gun smithing, 1; masonry, brick and stone, 1; millinery, custom work, 23; painting, house, sign, etc., 1; plumbing, and gas and steam fitting, 1; watch, clock, and jewelry repairing, 12.

Of the 1,137 establishments of all classes shown in this table, 650, or 57.2 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500."

In addition to the 1,137 active establishments in the territory, with a capital of $2,787,592, shown in Table 2, there were 14 idle establishments, with a capital of $28,181.

Table 3 shows the totals for the territory by nations.

Table 4 shows the totals for the territory by specified industries.

TABLE 3.—MANUFACTURES

	NATIONS AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The Territory	789	$2,624,265	$71,813	$555,365	$1,322,040	$675,047	967	135	$86,067	1,714	$553,899
2	Cherokee	147	341,669	16,028	59,795	160,793	105,053	172	21	8,649	196	55,790
3	Chickasaw	343	1,083,720	28,016	285,046	550,021	220,637	430	46	34,801	556	189,025
4	Choctaw	152	700,273	9,306	87,129	351,123	252,715	185	41	26,984	619	182,729
5	Creek	123	454,088	16,318	116,695	243,911	77,164	151	24	14,923	318	119,106
6	Ottawa	10	14,503	1,350	4,595	5,165	3,393	11			9	3,095
7	Peoria	5	8,687	265	220	3,852	4,350	8			7	1,660
8	Quapaw	6	12,660	125	765	3,375	3,395	7	1	350	4	940
9	Wyandotte	3	8,665	405	1,120	3,800	3,340	3	2	360	5	1,554

TABLE 4.—MANUFACTURES BY

1	All industries	789	$2,624,265	$71,813	$555,365	$1,322,040	$675,047	967	135	$86,067	1,714	$553,899
2	Bicycle and tricycle repairing	4	2,315	100	400	650	1,165	5				
3	Blacksmithing and wheelwrighting	212	131,648	15,086	26,693	34,436	55,433	267	1	150	98	34,414
4	Boots and shoes, custom work and repairing.	16	4,921	377	665	2,355	1,524	18			9	4,650
5	Bread and other bakery products	3	955	30		700	225	4			4	1,620
6	Brick and tile	13	26,077	3,043	5,130	9,784	8,120	22	1	720	45	17,960
7	Carpentering	9	19,498	750	3,520	4,925	10,303	11	1	720	62	33,102
8	Carriages and wagons	9	11,190	900	2,225	1,975	6,090	13			8	3,684
9	Cars and general shop construction and repairs by steam railroad companies.	3	8,080	750	4,180	1,550	1,600		3	2,820	64	35,504
10	Clothing, men's, custom work and repairing.	12	13,360	1,600	2,250	1,335	8,175	14			26	9,990
11	Clothing, women's, dressmaking	9	2,475	175	475	650	1,175	11			12	1,905
12	Cotton, ginning[1]	187	572,475	11,237	105,193	425,717	30,328	239	29	5,040	282	39,600
13	Flouring and grist mill products	61	478,241	13,700	188,938	196,525	129,078	76	26	17,623	119	48,988
14	Ice, manufactured	3	62,974	2,300	19,100	39,350	2,224	2	4	1,525	10	4,003
15	Lumber and timber products	49	104,003	5,358	9,757	65,777	23,111	65	4	957	173	48,498
16	Lumber, planing mill products, including sash, doors, and blinds.	6	265,683	1,450	25,001	45,646	193,586	6	19	17,100	254	88,956
17	Millinery, custom work	23	25,233	1,510	2,890	1,555	19,278	24	2	1,680	30	7,622
18	Mineral and soda waters	9	25,149	800	2,550	16,150	5,649	10	1	300	14	3,450
19	Monuments and tombstones	7	9,342	1,322	800	535	6,685	8	3	1,000	7	3,350
20	Oil, cottonseed and cake	6	394,850	2,850	129,000	234,860	28,140		22	24,100	121	38,587
21	Photography	12	9,448	550	3,055	4,150	1,693	13			8	1,844
22	Printing and publishing, newspapers and periodicals.	58	115,003	3,920	7,355	78,325	25,403	69	5	1,900	138	48,389
23	Saddlery and harness	34	72,468	1,925	9,943	11,263	49,337	42			27	11,393
24	Tinsmithing, coppersmithing, and sheet-iron working.	15	22,875	1,250	7,900	5,845	7,880	22	1	720	24	10,058
25	Watch, clock, and jewelry repairing	12	10,760			5,000	5,760	14			3	1,230
26	All other industries[2]	17	235,242	830	48,345	132,982	53,085	12	13	9,712	176	55,102

[1] Does not include many ginneries operated in connection with saw, grist, and cottonseed-oil mills, or for the use exclusively of plantations on which they are located. For the full number of ginneries in operation, reference should be made to the special report on cotton ginning.

[2] Embraces brooms and brushes, 1; coke, 2; cotton, compressing, 1; food preparations, 1; foundry and machine shop products, 1; furniture, cabinetmaking,

BY NATIONS: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
1,625	$534,798	73	$17,299	16	$1,802	$163,174	$30,707	$13,002	$85,961	$33,504	$2,225,730	$2,152,445	$73,285	$3,892,181	1
177	51,080	15	4,401	4	309	12,926	4,978	1,706	6,142	100	408,061	396,483	11,578	635,670	2
524	182,137	29	6,443	3	445	59,295	13,161	5,730	39,589	815	937,185	900,330	36,855	1,536,637	3
600	179,173	13	3,060	6	496	32,998	4,738	1,784	26,325	151	459,718	448,900	10,818	921,538	4
299	115,159	16	3,395	3	552	56,078	7,488	3,478	13,674	31,438	358,107	344,990	13,117	700,531	5
9	3,095	------	------	------	------	1,494	222	141	131	1,000	40,112	39,470	642	58,670	6
7	1,660	------	------	------	------	88	45	43	------	------	4,421	4,351	70	11,275	7
4	940	------	------	------	------	169	75	44	50	------	6,092	5,887	205	11,155	8
5	1,554	------	------	------	------	126	------	76	50	------	12,034	12,034	------	16,705	9

SPECIFIED INDUSTRIES: 1900.

1,625	$534,798	73	$17,299	16	$1,802	$163,174	$30,707	$13,002	$85,961	$33,504	$2,225,730	$2,152,445	$73,285	$3,892,181	1
------	------	------	------	------	------	319	295	19	5	------	1,063	1,048	15	4,277	2
97	34,389	------	------	1	25	6,576	3,786	1,124	1,505	161	67,996	59,886	8,110	233,403	3
9	4,650	------	------	------	------	979	642	40	297	------	8,117	8,010	107	24,356	4
4	1,620	------	------	------	------	498	420	58	20	------	3,849	3,587	262	8,925	5
43	17,658	------	------	2	302	2,281	1,661	159	461	------	6,419	952	5,467	35,075	6
62	33,102	------	------	------	------	32,352	282	87	545	31,438	112,587	112,176	411	199,253	7
8	3,684	------	------	------	------	659	340	49	270	------	5,799	5,507	292	20,837	8
54	35,504	------	------	------	------	87	------	26	61	------	18,224	18,074	150	56,635	9
17	7,490	9	2,500	------	------	2,729	1,952	83	694	------	22,529	22,033	496	51,631	10
------	------	12	1,905	------	------	754	566	9	179	------	2,920	2,870	50	9,996	11
282	39,600	------	------	------	------	11,564	2,310	2,280	6,974	------	91,364	76,937	14,427	345,751	12
119	48,988	------	------	------	------	27,593	1,220	2,806	21,767	1,800	1,002,013	982,797	19,216	1,198,472	13
10	4,003	------	------	------	------	1,830	------	515	1,315	------	5,327	1,565	3,762	19,540	14
171	48,108	1	120	1	270	2,478	75	577	1,826	------	81,792	81,792	------	199,879	15
253	88,796	------	------	1	160	16,617	50	367	16,200	------	222,211	221,558	653	424,399	16
1	320	29	7,302	------	------	4,434	2,763	203	1,468	------	23,627	23,545	82	48,750	17
11	3,075	1	175	2	200	1,533	350	223	960	------	6,988	6,838	150	25,860	18
7	3,350	------	------	------	------	428	255	33	140	------	7,607	7,567	40	19,040	19
120	38,331	1	256	------	------	17,523	300	2,311	14,912	------	340,247	328,770	11,477	451,656	20
8	788	4	960	1	96	1,710	1,079	90	541	------	5,477	5,420	57	18,380	21
116	44,419	14	3,221	8	749	10,467	5,028	774	4,645	20	31,872	30,539	1,333	174,069	22
27	11,393	------	------	------	------	6,939	4,178	483	2,268	5	51,500	51,047	453	96,670	23
24	10,058	------	------	------	------	2,195	1,223	98	874	------	29,951	29,419	532	54,544	24
3	1,230	------	------	------	------	1,945	1,159	124	657	5	2,430	2,303	127	10,965	25
174	54,242	2	860	------	------	8,684	773	459	7,377	75	73,821	68,205	5,616	159,818	26

repairing, and upholstering, 1; lime and cement, 1; lock and gun smithing, 1; masonry, brick and stone, 1; mattresses and spring beds, 1; painting, house, sign, etc., 1; patent medicines and compounds, 2; plumbing, and gas and steam fitting, 1; printing and publishing, book and job, 1; tobacco, cigars and cigarettes, 1.

IOWA.

Table 1 shows the manufacturing and mechanical industries of the state of Iowa as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	14,819	7,440	6,921	6,566	1,939	522	99.2	7.5	5.4	238.6	271.5
Capital	$102,733,103	$77,513,097	$33,987,886	$22,420,183	$7,247,130	$1,292,875	32.5	128.1	51.6	209.4	460.5
Salaried officials, clerks, etc., number	5,664	[1] 8,137	(2)	(2)	(2)	(2)	[3] 30.4				
Salaries	$4,486,117	[1] $5,449,377	(2)	(2)	(2)	(2)	[3] 17.7				
Wage-earners, average number	58,553	51,037	28,372	25,032	6,307	1,707	14.7	79.9	13.3	296.9	269.5
Total wages	$23,931,680	$20,429,620	$9,725,962	$6,893,292	$1,922,417	$473,016	17.1	110.1	41.1	258.6	306.4
Men, 16 years and over	48,417	44,210	25,382	23,395	6,142	1,687	9.5	74.2	8.5	280.9	264.1
Wages	$21,893,983	$19,232,655	(2)	(2)	(2)	(2)	13.8				
Women, 16 years and over	8,248	5,183	1,431	951	165	20	59.1	262.2	50.5	476.4	725.0
Wages	$1,766,858	$999,806	(2)	(2)	(2)	(2)	76.7				
Children, under 16 years	1,888	1,644	1,559	686	(2)	(2)	14.8	5.5	127.3		
Wages	$270,839	$197,159	(2)	(2)	(2)	(2)	37.4				
Miscellaneous expenses	$7,988,767	$5,732,206	(4)	(4)	(4)	(4)	39.4				
Cost of materials used	$101,170,357	$79,292,407	$48,704,311	$27,682,096	$8,612,259	$2,856,881	27.6	62.8	75.9	221.4	265.4
Value of products, including custom work and repairing	$164,617,877	$125,049,183	$71,045,926	$46,534,322	$13,971,325	$3,551,783	31.6	76.0	52.7	233.1	293.4
Total population	[5] 2,231,468	1,911,896	1,624,615	1,194,020	674,913	192,214	16.7	17.7	36.1	76.9	251.1
Wage-earners engaged in manufactures	58,553	51,037	28,372	25,032	6,307	1,707	14.7	79.9	13.3	296.9	269.5
Per cent of total population	2.6	2.7	1.7	2.1	0.9	0.9					
Assessed value of real estate	[6] $440,769,952	$370,921,446	$297,254,342	$226,610,638	$149,433,423	$15,672,332	18.8	24.8	31.2	51.6	853.5
Value of land and buildings invested in manufactures [7]	$30,255,515	$21,697,899	(2)	(2)	(2)	(2)	39.4				
Per cent of assessed value	6.9	5.8									

[1] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[2] Not reported separately.
[3] Decrease.
[4] Not reported.
[5] Exclusive of 385 Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[6] As given for the year 1900 in Dana's supplement, "State and City," to the Commercial and Financial Chronicle, under date of April 13, 1901.
[7] Does not include value of rented property.

Although agriculture is the leading pursuit of Iowa, manufacturing and mechanical industries have had a steady and significant growth during the last half century.

The population of the state in 1850 was 192,214, and in 1900, 2,231,468, an increase in the fifty years of 2,039,254, or 1,060.9 per cent. The average number of wage-earners employed in manufacturing establishments increased from 1,707 in 1850 to 58,553 in 1900, an increase of 3,330.2 per cent in the fifty years, and embraced, in the latter year, 2.6 per cent of the entire population, as compared with nine-tenths of one per cent in 1850. In the thirty years since 1870, however, the difference in the rate of growth of the wage-earning class as compared with that of the total population has been much less pronounced, the population having increased 86.9 per cent and the wage-earners 133.9 per cent. It is furthermore noticeable that the gain, during this period, in per cent of average number of wage-earners over population, is limited to the decade ending in 1890. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 85,932, or 3.9 per cent of the total population of the state. During the decade from 1860 to 1870 the value of the products increased 233.1 per cent. The values for 1870, however, were expressed in a currency which was at a discount in gold and should be reduced about one-fifth for purposes of comparison with other census years.

Iowa has good transportation facilities, and an abundance of coal. Its manufacturing enterprises are evenly distributed over the state, and are diversified in character. No one portion or particular city of the state can lay claim to a dominant interest in manufactures or a monopoly of any one of its leading industries. The southern and eastern portions were settled first and still have the denser population, yet in the northwestern portion is located the leading manufacturing city.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for educational, eleemosynary, and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and are, therefore, omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	18,429	$104,343,592	20,571	59,367	$23,988,057	$8,083,729	$101,667,061	$53,221,119	$44,580,226	$3,865,716	$165,776,791
Hand trades[1]	6,924	8,722,661	8,051	11,088	4,629,786	1,269,740	9,931,978	120,423	9,429,121	382,434	22,236,774
Educational, eleemosynary, and penal intitutions	21	169,690	104	55	18,476	11,671	194,741	12,898	170,639	11,204	261,344
Establishments with a product of less than $500	3,589	1,440,799	3,848	759	37,901	83,291	301,963	28,734	271,430	1,799	897,570
All other establishments	7,895	94,010,442	8,568	47,465	19,301,894	6,719,027	91,238,379	53,059,064	34,709,036	3,470,279	142,381,103

[1] Includes bicycle and tricycle repairing, 130; blacksmithing and wheelwrighting, 2,408; boots and shoes, custom work and repairing, 475; carpentering, 740; clothing, men's, custom work and repairing, 500; clothing, women's, dressmaking, 291; dyeing and cleaning, 31; furniture, cabinetmaking, repairing, and upholstering, 103; lock and gun smithing, 41; masonry, brick and stone, 170; millinery, custom work, 926; painting, house, sign, etc., 338; paper hanging, 28; plastering and stuccowork, 58; plumbing, and gas and steam fitting, 196; sewing machine repairing, 6; typewriter repairing, 1; watch, clock, and jewelry repairing, 482.

Of the 18,429 establishments of all classes shown in this table, 10,513, or 57 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $23,134,344, or only 14 per cent of the total value of the products of the state.

In addition to the 18,429 active establishments in the state during the census year, with a capital of $104,343,592, shown in Table 2, there were 77 idle establishments, with a capital of $1,293,220, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Agricultural implements	3	$14,800	Paper and wood pulp	1	$30,000
Brick and tile	17	34,425	Plumbers' supplies	1	41,000
Cheese, butter, and condensed milk, factory product	9	35,200	Pottery, terra cotta, and fire-clay products	1	11,600
Flouring and grist mill products	12	79,500	Scales and balances	1	38,000
Lime and cement	2	114,500	Slaughtering, wholesale, not including meat packing	1	235,000
Liquors, distilled	1	13,200	Starch	2	480,000
Lumber, planing mill products, including sash, doors, and blinds	8	11,450	Woolen goods	3	16,500
Malt	1	50,000	All other industries	16	22,545
Oil, linseed	3	65,500			

TABLE 3.—COMPARATIVE SUMMARY OF ELEVEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	3,821	$51,286,287	27,108	$11,832,598	$2,938,455	$67,199,454	$95,924,681
	1890	2,613	48,811,727	28,767	11,630,592	2,915,553	56,130,094	79,751,171
Increase, 1890 to 1900		1,208	2,474,560	[1] 1,659	202,006	22,902	11,069,360	16,173,510
Per cent of increase		46.2	5.1	[1] 5.8	1.7	0.8	19.7	20.3
Per cent of total of all industries in state	1900	25.8	49.9	46.3	49.4	36.8	66.4	58.3
	1890	35.1	63.0	56.4	56.9	50.9	70.8	63.8
Carriages and wagons	1900	211	4,087,400	1,692	713,901	243,794	1,863,988	3,931,067
	1890	294	2,765,207	1,602	769,923	142,236	1,449,922	3,168,545
Cars and general shop construction and repairs by steam railroad companies.	1900	58	3,277,617	5,497	2,948,947	124,453	2,896,269	6,221,378
	1890	41	2,404,648	3,812	2,121,824	300	2,244,274	4,473,089
Cheese, butter, and condensed milk, factory product	1900	907	3,459,017	1,133	588,653	153,990	13,501,556	15,846,077
	1890	497	2,074,177	2,355	944,895	121,160	8,360,689	10,545,182
Clay products: Total	1900	356	3,437,613	2,220	862,159	140,459	517,580	2,224,920
	1890	289	2,114,863	2,788	724,999	108,934	332,393	1,775,165
Brick and tile	1900	339	3,076,355	1,986	768,860	115,897	460,313	1,976,323
	1890	260	1,802,942	2,543	628,588	84,811	282,431	1,537,890
Pottery, terra cotta, and fire-clay products	1900	17	361,258	234	93,299	24,562	57,267	248,597
	1890	29	311,921	245	96,411	24,123	49,962	237,275
Flouring and grist mill products	1900	702	6,421,078	1,285	526,479	304,256	11,272,217	13,823,083
	1890	441	6,696,759	1,248	507,414	363,993	9,780,174	11,833,737
Food preparations	1900	16	2,501,521	609	209,031	196,297	2,388,003	3,604,031
	1890	8	579,866	147	59,364	35,700	706,739	900,811
Foundry and machine shop products	1900	190	3,732,774	2,372	1,088,312	200,918	2,189,660	4,460,914
	1890	126	3,032,277	2,142	1,066,715	172,788	1,454,164	3,432,360

[1] Decrease.

TABLE 3.—COMPARATIVE SUMMARY OF ELEVEN LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Lumber and timber products	1900	264	$8,762,219	2,793	$1,046,181	$342,386	$6,324,034	$8,677,058
	1890	143	17,530,335	6,819	2,101,648	639,890	7,960,286	12,056,302
Lumber, planing mill products, including sash, doors, and blinds	1900	65	3,576,305	2,372	983,924	255,979	3,195,243	5,295,546
	1890	46	3,044,145	1,983	825,435	182,242	2,062,125	3,588,856
Printing and publishing:								
Total	1900	1,025	5,679,390	4,248	1,656,344	533,937	1,494,260	6,145,563
	1890	699	4,084,430	3,296	1,385,680	621,545	1,118,105	4,551,548
Book and job	1900	115	976,341	855	345,665	89,247	411,711	1,210,110
	1890	56	582,720	442	182,495	74,085	254,341	732,925
Newspapers and periodicals	1900	910	4,703,049	3,393	1,311,179	444,690	1,082,549	4,935,453
	1890	643	3,501,710	2,854	1,203,185	547,460	863,764	3,818,623
Slaughtering:								
Total	1900	27	6,351,353	2,887	1,208,167	441,986	21,556,644	25,695,044
	1890	29	4,485,020	2,575	1,122,695	526,765	20,655,223	23,425,576
Slaughtering and meat packing, wholesale	1900	20	6,264,578	2,874	1,201,681	437,103	21,195,066	25,296,518
	1890	25	4,105,020	2,013	862,075	452,147	17,375,828	19,615,386
Slaughtering, wholesale, not including meat packing	1900	7	86,775	13	6,486	4,883	361,578	398,526
	1890	4	380,000	562	260,620	74,618	3,279,395	3,810,190

During recent years there has been a marked change in the character of the industries of the state. In the early period of settlement the principal products manufactured were lumber, flour, leather, and woolen goods, all of which, with the exception of flour, have since declined, while slaughtering and the factory manufacture of butter and cheese have taken their places in the list of leading industries. In the discussion of Table 3, which follows, the industries are ranked with reference to the value of products.

Table 3 shows that wholesale slaughtering and meat packing is the most important industry in the state. The 27 establishments reported for this industry gave employment to 2,887 wage-earners, or 4.9 per cent of the wage-earners employed in the state, and the products were valued at $25,695,044, or 15.6 per cent of the total value of the products of the state. In 1890 there were 29 establishments reported, with 2,575 wage-earners, and products valued at $23,425,576. The increase in the value of products during the decade was 9.7 per cent.

The factory manufacture of butter, cheese, and condensed milk ranks second in importance, with 907 establishments for 1900, 1,133 wage-earners, and products valued at $15,846,077. In 1890 there were 497 establishments engaged in this industry, with 2,355 wage-earners, and products valued at $10,545,182. The increase in the value of products during the decade was 50.3 per cent.

Flour and grist milling holds the third place among the manufacturing industries of the state. There were 702 establishments engaged in this industry in 1900, with 1,285 wage-earners, and products valued at $13,825,083. In 1890 there were 441 establishments, 1,248 wage-earners, and products valued at $11,833,737. The increase in the value of products during the decade was 16.8 per cent.

There were 264 establishments engaged in the manufacture of lumber and timber products in 1900, with 2,793 wage-earners, and products valued at $8,677,058. In 1890, 143 establishments were reported, with 6,819 wage-earners, and products valued at $12,056,302. The decrease in the value of products during the decade was 28 per cent. This decline in the lumber and timber industry is very significant, if quality and quantity of product be considered. In the earlier decades the lumber companies operated along the banks of the rivers, cutting only the larger trees, and culling from an extended area the finer woods. As a result, the present lumber supply is gained largely from trees of smaller diameter, which formerly would have been rejected. Walnut and oak have almost entirely disappeared, while logs of all kinds must be conveyed considerable distances to ship or raft.

Allied to the lumber and timber industry is the manufacture of planing mill products, including sash, doors, and blinds. There were 65 establishments engaged in this industry in 1900, with 2,372 wage-earners, and products valued at $5,295,546. In 1890 there were 46 establishments, 1,983 wage-earners, and products valued at $3,588,856. There has been an increase of 47.6 per cent in the value of products during the decade.

There were 58 establishments engaged in car construction and repairs by steam railroad companies in 1900, with 5,497 wage-earners, and products valued at $6,221,378. In 1890 there were 41 establishments, 3,812 wage-earners, and products valued at $4,473,089. The increase in the value of products during the decade was 39.1 per cent. In the number of wage-earners and amount paid in wages, this industry ranks first among the manufacturing industries of the state. The location of the state is such that it is a highway for the transfer of commodities between the East and West, while extensive transportation facilities are necessary to place its own products on the market. As a result of these conditions, extensive car construction and repair shops have been located at Burlington, Davenport, Boone, Belle Plaine, Waterloo, Oelwein, and other cities.

There were 1,025 establishments engaged in printing and publishing in 1900, with 4,248 wage-earners, and products valued at $6,145,563. In 1890 there were 699 establishments, 3,296 wage-earners, and products valued

at $4,551,548. The increase in the value of products during the decade was 35 per cent.

There were 190 foundries and machine shops in the state in 1900, with 2,372 wage-earners, and products valued at $4,460,914, while in 1890, 126 such establishments were reported, with 2,142 wage-earners, and products valued at $3,432,360. There has been an increase of 30 per cent in the value of products during the decade.

There were 211 establishments engaged in the manufacture of carriages and wagons in 1900, with 1,692 wage-earners, and products valued at $3,931,067. In 1890 there were 294 establishments, 1,602 wage-earners, and products valued at $3,168,545. The value of products increased 24.1 per cent during the decade.

There were 16 establishments engaged in the manufacture of food preparations in 1900, with 609 wage-earners, and products valued at $3,604,031. In 1890 there were 8 establishments, with 147 wage-earners, and products valued at $900,811. The value of products increased 300.1 per cent during the decade.

In 1900, 356 establishments were reported as engaged in the manufacture of clay products, with 2,220 wage-earners, and products valued at $2,224,920. In 1890 there were 289 establishments, 2,788 wage-earners, and products valued at $1,775,165. The value of products increased 25.3 per cent during the decade.

An industry of recent origin, peculiar to Iowa, is the manufacture of pearl buttons from the shells of the native fresh-water mussel. The statistics of this industry appear in Table 7, under the classification "buttons." There were 53 establishments reported in 1900, with 1,402 wage-earners, and products valued at $866,538. The leading center of the industry is Muscatine, which, in 1898, had 5 completely organized plants and 28 saw works; but almost every town on the Mississippi from Sabula to Fort Madison, a distance of 167 miles, is provided with plants, Davenport and Clinton being secondary centers. The industry has been pursued also at Cedar Rapids, Vinton, and Charles City on the Cedar River; at Coralville on the Iowa River; and at West Liberty, What Cheer, and Oskaloosa.[1] The credit for introducing the industry into the state is given to Mr. J. F. Boepple, who learned the trade in his native city of Hamburg, Germany. Assured of the excellence of the mussels in the Mississippi and the rivers of Iowa, he located his factory at Muscatine in 1891. The success of the industry was at once assured; by 1898 no less than 1,000 persons were engaged in the mussel fishery between Fort Madison and Sabula. The fear that the mussel beds will soon be exhausted seems well founded. The beds opposite Muscatine and New Boston are already worked out. No attention is paid to the spawning season of the principal species; multitudes of small mussels that can not be utilized are left upon the banks or ice to die, although, even when proper care is taken, it requires from ten to eighteen years to grow serviceable shell. At present, however, the industry is in a fairly prosperous condition, and the Mississippi River buttons are sold in every state in the Union, as well as in Canada and England. Only a portion of the product sold, however, is finished in Iowa or the adjoining section of Illinois. Several of the larger button factories of the East have "saw works" located here, which cut out the rough blanks and ship them east for final manufacture. In a few cases the rough shells have been shipped.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Burlington, Council Bluffs, Davenport, Des Moines, Dubuque, and Sioux City, as returned at the censuses of 1890 and 1900, with the percentages of increase.

[1] Report of the Iowa Bureau of Labor Statistics, 1897–1898, page 96.

TABLE 4.—COMPARATIVE SUMMARY, BURLINGTON, COUNCIL BLUFFS, DAVENPORT, DES MOINES, DUBUQUE, AND SIOUX CITY, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
The State	1900	14,819	$102,733,103	58,553	$23,931,680	$7,988,767	$101,170,357	$164,617,877
	1890	7,440	77,513,097	51,037	20,429,620	5,732,206	79,292,407	125,049,183
Per cent of increase		99.2	32.5	14.7	17.1	39.4	27.6	31.6
Burlington	1900	340	5,235,624	2,598	1,013,998	414,819	2,809,536	5,334,196
	1890	223	3,963,986	2,935	1,157,414	259,615	3,099,200	5,413,188
Per cent of increase		52.5	32.1	[1]11.5	[1]12.4	59.8	[1]9.3	[1]1.5
Council Bluffs	1900	198	1,176,408	1,179	609,905	160,871	1,224,814	2,596,830
	1890	128	1,292,283	1,469	701,723	92,886	1,272,946	2,527,388
Per cent of increase		54.7	[1]9.0	[1]19.7	[1]13.1	73.2	[1]3.8	2.7
Davenport	1900	416	10,774,707	4,348	1,892,737	855,397	6,854,677	11,573,670
	1890	475	8,732,122	4,461	1,640,495	780,201	6,098,349	10,357,232
Per cent of increase		[1]12.4	23.4	[1]2.5	15.4	9.6	12.4	11.7
Des Moines	1900	494	7,911,764	4,557	1,942,509	894,691	4,975,568	10,488,189
	1890	330	3,877,140	3,420	1,631,107	442,162	4,408,377	7,931,272
Per cent of increase		49.7	104.1	33.2	19.1	102.3	12.9	32.2
Dubuque	1900	460	8,117,358	5,503	2,012,153	1,028,245	5,930,017	10,952,204
	1890	262	7,016,802	4,198	1,715,876	564,377	5,984,431	9,894,860
Per cent of increase		75.6	15.7	31.1	17.3	82.2	[1]0.9	10.7
Sioux City	1900	329	5,691,644	3,104	1,485,066	664,486	10,669,672	15,469,702
	1890	196	5,222,626	2,629	1,520,576	494,489	10,295,190	14,119,843
Per cent of increase		67.9	9.0	18.1	[1]2.3	34.4	3.6	9.6
Total for 6 cities	1900	2,237	38,907,505	21,289	8,956,368	4,018,509	32,464,284	56,414,791
	1890	1,614	30,104,959	19,112	8,367,191	2,633,730	31,158,493	50,243,733
Per cent of increase		38.6	29.2	11.4	7.0	52.6	4.2	12.3
Per cent of 6 cities to total for state	1900	15.1	37.9	36.4	37.4	50.3	32.1	34.3
	1890	21.7	38.8	37.4	41.0	45.9	39.3	40.2

[1] Decrease.

It appears from Table 4 that there has been a considerable increase during the past decade in the manufactures of the 6 principal cities of the state. The number of establishments increased from 1,614 to 2,237, or 38.6 per cent; the average number of wage-earners from 19,112 to 21,289, or 11.4 per cent; and the value of products from $50,243,733 to $56,414,791, or 12.3 per cent. In each of these particulars, however, the increase for these cities is less than for the state as a whole (see Table 3), showing that the development of manufactures has been more rapid in the smaller cities and towns of the state. The city of Des Moines shows the greatest growth, as measured by the value of products, which increased from $7,931,272 in 1890 to $10,488,189 in 1900, or 32.2 per cent. In Sioux City, the leading manufacturing city in the state, the number of establishments increased during the decade from 196 to 329, or 67.9 per cent; the number of wage-earners from 2,629 to 3,104, or 18.1 per cent; and the value of products from $14,119,843 to $15,469,702, or 9.6 per cent. The number of establishments, the number of wage-earners, and the value of products, in this city in 1900, constituted 2.2, 5.3, and 9.4 per cent, respectively, of the totals for the entire state.

Table 5 presents the totals for the manufacturing industries of the 39 cities withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities, and shows their rank in products and in population.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	PRODUCTS.			POPULATION.		
				Average number.	Total wages.			Value.	Rank.	Per cent of total.	Total.	Rank.	Per cent of total.
Total for state	14,819	$102,733,103	16,619	58,553	$23,931,680	$7,988,767	$101,170,357	$164,617,877	-------	100.0	[1]2,231,468	-------	100.0
Total for urban manufactures	5,408	77,012,586	6,011	44,472	18,436,540	6,549,137	71,820,352	118,468,509	-------	72.0	470,365	-------	21.1
Belle Plaine	41	89,742	55	135	58,338	8,819	122,413	232,581	36	0.1	3,283	34	0.1
Boone	114	400,260	146	680	315,833	28,725	471,794	975,645	20	0.6	8,880	17	0.4
Burlington	340	5,235,624	358	2,598	1,013,998	414,819	2,809,536	5,334,196	9	3.2	23,201	7	1.0
Cedar Falls	67	658,605	75	315	123,090	55,380	678,000	1,049,557	18	0.6	5,319	21	0.2
Cedar Rapids	241	6,256,801	281	3,105	1,313,821	518,455	8,969,992	12,715,897	2	7.7	25,656	6	1.2
Centerville	54	173,910	59	203	82,667	14,695	168,272	341,169	31	0.2	5,256	22	0.2
Chariton	46	126,090	52	175	64,837	12,068	155,346	323,900	32	0.2	3,989	28	0.2
Charles City	61	288,313	73	184	77,479	15,021	231,804	433,985	28	0.3	4,227	25	0.2
Clarinda	44	126,706	57	85	33,449	9,434	97,158	179,996	39	0.1	3,276	35	0.1
Clinton	224	4,537,200	208	3,080	1,137,019	370,141	4,247,057	6,939,473	7	4.2	22,698	8	1.0
Council Bluffs	198	1,176,408	213	1,179	609,905	160,871	1,224,814	2,596,830	12	1.6	25,802	5	1.2
Cresco	55	135,030	69	96	34,910	7,554	168,183	294,772	34	0.2	2,806	37	0.1
Creston	103	398,925	105	418	177,476	29,743	344,910	688,739	23	0.4	7,752	19	0.4
Davenport	416	10,774,707	456	4,348	1,892,737	855,397	6,854,677	11,573,670	3	7.0	35,254	3	1.6
Decorah	85	318,540	97	174	75,619	23,762	221,213	443,345	26	0.3	3,246	36	0.1
Des Moines	494	7,911,764	515	4,557	1,942,509	894,691	4,975,568	10,488,189	5	6.4	62,139	1	2.8
Dubuque	460	8,117,358	526	5,503	2,012,153	1,028,245	5,930,017	10,952,204	4	6.7	36,297	2	1.6
Fort Dodge	88	903,834	88	527	224,124	38,642	793,266	1,263,385	16	0.8	12,162	13	0.5
Fort Madison	83	1,546,574	75	966	409,351	95,455	870,482	1,737,254	14	1.1	9,278	15	0.4
Grinnell	81	812,940	102	334	145,664	37,045	426,632	1,004,642	19	0.6	3,860	29	0.2
Independence	57	312,405	56	159	57,375	14,766	163,291	314,179	33	0.2	3,656	31	0.2
Iowa City	129	1,003,969	136	680	299,314	89,077	781,780	1,511,065	15	0.9	7,987	18	0.4
Keokuk	188	2,103,335	197	1,665	614,580	196,578	1,882,227	3,660,047	11	2.2	14,641	10	0.7
Le Mars	69	555,662	73	190	85,804	52,658	690,859	956,680	21	0.6	4,146	26	0.2
Marion	55	113,970	69	79	35,066	9,627	117,978	244,545	35	0.2	4,102	27	0.2
Marshalltown	147	5,866,270	170	1,399	654,227	190,154	3,120,658	4,587,240	10	2.8	11,544	14	0.5
Mason City	89	351,868	103	376	167,211	21,013	330,110	705,460	22	0.4	6,746	20	0.3
Muscatine	247	3,725,971	295	2,835	1,055,904	212,703	3,773,379	5,791,110	8	3.5	14,073	11	0.6
Newton	86	443,133	106	312	121,843	44,768	244,402	666,727	25	0.4	3,682	30	0.2
Oelwein	37	614,599	41	511	279,922	10,081	337,360	674,637	24	0.4	5,142	23	0.2
Osage	37	82,090	45	68	29,895	6,795	120,174	202,405	37	0.1	2,734	39	0.1
Oskaloosa	143	552,239	171	588	262,228	67,753	490,982	1,063,584	17	0.7	9,212	16	0.4
Ottumwa	160	3,403,321	188	2,095	804,215	200,673	7,093,068	9,129,862	6	5.5	18,197	9	0.8
Shenandoah	56	236,623	65	213	87,078	12,076	200,213	382,740	30	0.2	3,573	32	0.2
Sioux City	329	5,691,644	376	3,104	1,485,066	664,486	10,669,672	15,469,702	1	9.4	33,111	4	1.5
Vinton	63	198,237	81	231	76,001	31,884	206,150	440,137	27	0.3	3,499	33	0.2
Waterloo	147	1,287,056	142	1,042	471,608	81,642	1,555,578	2,499,361	13	1.5	12,580	12	0.6
Webster City	33	348,455	36	205	78,297	16,863	188,170	415,163	29	0.3	4,613	24	0.2
What Cheer	41	132,408	51	58	25,927	6,578	93,167	184,436	38	0.1	2,746	38	0.1
Total for state exclusive of urban manufactures	9,411	25,720,517	10,608	14,081	5,495,140	1,439,630	29,350,005	46,149,368	-------	28.0	1,761,103	-------	78.9
Per cent of urban manufactures to total for state	36.5	75.0	36.2	76.0	77.0	82.0	71.0	72.0	-------	-------	21.1	-------	-------

[1] Exclusive of 385 Indians and other persons on Indian reservations, which classes were not included at previous censuses.

Of the 14,819 establishments in the state, 5,408, or 36.5 per cent, were located in these 39 cities. The capital reported for these establishments was $77,012,586, or 75 per cent of that for the entire state. They furnished employment to 44,472 wage-earners, or 76 per cent of the total for the state; paid $18,436,540, or 77 per cent of the total wages; and the value of their products, $118,468,509, formed 72 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Burlington, Cedar Rapids, Clinton, Council Bluffs, Davenport, Des Moines, Dubuque, and Sioux City by specified industries.

Table 9 shows the totals for all industries in the cities withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

	Counties.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
1	The State	14,819	$102,733,103	$11,701,330	$18,554,185	$26,150,011	$46,327,577	16,619	5,664	$4,486,117	58,553	$23,931,680
2	Adair	77	122,026	7,903	36,741	44,785	32,597	95	3	864	68	24,091
3	Adams	59	160,487	21,130	27,335	59,255	52,767	67	6	3,176	79	29,475
4	Allamakee	116	365,709	40,666	85,971	101,897	137,175	135	18	4,309	211	80,809
5	Appanoose	125	252,660	38,780	57,655	101,523	54,702	138	17	8,351	246	96,533
6	Audubon	62	132,450	10,190	30,465	47,760	44,035	64	7	627	80	32,164
7	Benton	183	466,102	52,090	123,850	123,034	167,128	217	21	11,872	466	166,212
8	Blackhawk	274	2,104,542	298,214	366,196	524,334	915,798	273	152	105,978	1,435	625,649
9	Boone	184	536,701	61,040	78,400	135,726	261,535	224	33	21,322	762	346,234
10	Bremer	145	400,822	45,240	105,050	118,401	132,131	152	33	7,262	189	71,411
11	Buchanan	163	506,090	60,190	102,475	174,620	168,805	172	20	8,282	254	96,481
12	Buena Vista	107	235,566	29,060	59,014	78,855	68,637	124	8	3,810	102	42,112
13	Butler	140	334,878	35,155	83,855	93,714	122,154	149	20	8,273	116	49,483
14	Calhoun	119	268,593	30,700	43,040	80,740	114,113	134	9	5,555	205	100,244
15	Carroll	125	327,945	28,363	54,760	97,802	147,020	129	10	5,717	152	63,454
16	Cass	138	386,484	42,355	74,475	102,640	167,014	183	7	3,580	285	109,111
17	Cedar	125	449,209	56,215	98,430	129,390	165,174	145	5	3,520	233	117,160
18	Cerro Gordo	162	510,319	72,740	105,502	137,108	194,969	189	30	20,586	425	185,226
19	Cherokee	83	214,786	22,690	45,315	70,997	75,784	92	2	1,400	96	43,320
20	Chickasaw	133	299,617	33,071	67,823	98,072	100,651	136	22	5,968	157	58,927
21	Clarke	38	87,686	14,350	12,855	27,600	32,881	45	6	2,100	46	20,220
22	Clay	53	167,613	24,615	36,410	59,227	47,361	61	5	3,800	56	21,268
23	Clayton	213	644,521	37,555	104,840	194,390	307,736	235	29	8,403	362	119,262
24	Clinton	326	4,756,638	516,496	387,261	841,428	3,011,453	319	207	235,512	3,147	1,161,486
25	Crawford	77	222,037	24,030	46,165	74,760	77,082	90	1	1,000	94	34,863
26	Dallas	124	316,986	22,355	76,505	109,430	108,696	158	8	5,648	152	53,099
27	Davis	87	164,959	32,100	23,665	58,722	50,472	105	6	1,582	114	30,786
28	Decatur	92	203,383	16,915	49,230	61,503	75,735	109	8	3,630	103	38,155
29	Delaware	155	415,434	52,825	104,170	133,565	124,874	159	28	8,119	222	92,157
30	Des Moines	370	5,674,811	1,321,484	669,505	1,383,868	2,299,954	390	338	228,417	3,178	1,308,537
31	Dickinson	54	163,884	15,083	33,300	57,595	57,906	65	1	150	42	20,763
32	Dubuque	609	8,478,553	900,837	1,354,364	1,342,822	4,880,530	675	612	459,393	5,662	2,076,398
33	Emmet	51	176,162	9,004	41,325	53,353	72,480	53	8	2,530	69	32,343
34	Fayette	220	1,022,954	55,940	431,804	257,715	277,495	245	35	15,320	742	349,390
35	Floyd	118	411,891	69,755	91,002	108,146	142,988	134	12	5,896	253	101,770
36	Franklin	56	165,013	16,525	28,275	66,644	53,569	62	5	2,315	58	26,387
37	Fremont	120	249,046	25,501	45,870	89,429	88,246	153	3	1,100	135	43,492
38	Greene	85	239,632	26,450	65,067	64,787	83,328	109	6	4,120	137	59,950
39	Grundy	86	178,286	11,480	49,470	57,218	60,118	107	2	840	65	27,215
40	Guthrie	104	275,509	20,590	75,970	92,743	86,206	114	5	1,370	158	51,226
41	Hamilton	86	467,471	42,270	105,573	129,352	190,276	91	29	15,942	251	98,434
42	Hancock	79	173,703	20,400	44,210	56,283	52,810	80	6	1,400	75	31,048
43	Hardin	195	520,276	63,340	107,423	167,364	182,149	226	14	5,520	285	128,540
44	Harrison	125	308,191	30,290	66,760	87,972	123,169	130	18	11,243	566	274,649
45	Henry	136	347,855	21,780	65,347	148,191	112,537	168	13	7,121	181	59,651
46	Howard	116	283,808	20,569	66,600	76,050	120,589	139	13	5,803	145	53,398
47	Humboldt	95	239,877	21,295	54,025	86,328	78,229	96	12	3,860	76	30,338
48	Ida	72	265,996	21,190	49,175	75,090	120,541	88	4	2,428	94	38,087
49	Iowa	114	247,008	23,045	65,870	83,480	74,613	142	7	2,091	112	43,259
50	Jackson	207	655,345	64,514	128,535	201,349	260,947	228	23	9,666	404	158,629
51	Jasper	185	684,469	41,410	92,143	131,159	419,757	210	70	45,680	405	156,667
52	Jefferson	76	537,929	21,700	61,020	120,209	335,000	83	27	13,164	230	84,642
53	Johnson	184	1,275,968	107,810	219,440	358,001	590,717	198	155	72,529	747	324,109
54	Jones	169	568,490	63,242	162,383	177,166	165,699	179	17	6,663	303	111,858
55	Keokuk	181	377,600	32,825	101,540	106,102	137,133	231	18	9,391	233	93,069
56	Kossuth	86	256,168	21,830	62,073	87,775	84,490	80	17	3,723	99	46,166
57	Lee	329	4,192,064	237,730	609,573	990,822	2,353,939	341	426	533,955	2,842	1,104,748
58	Linn	470	6,657,981	509,865	1,411,522	1,541,738	3,194,856	546	341	289,108	3,390	1,424,523
59	Louisa	48	158,117	9,200	32,200	36,670	80,047	58	7	3,135	155	44,171
60	Lucas	73	157,642	11,570	23,647	36,368	86,057	85	8	5,049	200	73,467
61	Lyon	68	199,763	16,940	44,006	68,645	70,172	75	1	600	59	28,806
62	Madison	90	156,011	16,700	25,280	44,031	70,000	101	6	1,827	137	52,645
63	Mahaska	200	672,834	67,065	110,705	182,113	312,951	239	52	30,794	653	284,072
64	Marion	123	408,254	27,845	60,700	100,528	219,181	152	15	6,111	227	65,525
65	Marshall	226	6,245,431	1,507,980	1,656,605	1,817,785	1,263,061	252	116	115,946	1,715	742,979
66	Mills	78	175,701	13,330	42,000	64,524	55,847	84	8	4,832	145	54,338
67	Mitchell	96	225,768	33,585	53,010	72,800	66,373	105	11	4,600	130	50,667
68	Monona	75	172,517	13,175	35,100	43,480	80,762	85	2	318	52	19,030
69	Monroe	82	130,066	10,685	24,340	38,525	56,516	91	3	1,650	113	42,558
70	Montgomery	127	414,032	30,440	91,300	132,846	159,446	149	20	12,189	260	94,247
71	Muscatine	315	3,886,703	231,745	343,051	724,847	2,587,060	377	141	132,875	2,920	1,089,760
72	O'Brien	103	327,134	22,075	67,000	96,158	141,901	117	6	3,910	119	41,905
73	Osceola	44	90,874	11,250	24,255	30,476	24,893	47	----	----	37	14,869
74	Page	176	497,915	55,060	108,547	141,302	193,006	208	14	7,716	362	144,153
75	Palo Alto	101	248,377	23,849	47,995	73,794	102,739	106	20	5,356	143	57,731
76	Plymouth	141	769,499	133,130	174,010	219,932	242,427	140	33	20,075	259	109,574

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
48,417	$21,893,983	8,248	$1,766,858	1,888	$270,839	$7,988,767	$1,166,879	$547,635	$5,592,216	$682,037	$101,170,357	$98,911,434	$2,258,923	$164,617,877	1
55	21,509	9	1,993	4	589	9,158	2,751	771	5,528	108	162,832	157,474	5,358	236,923	2
68	26,706	10	2,719	1	50	10,371	2,765	755	6,851	----------	235,504	228,284	7,220	339,404	3
195	76,845	14	3,558	2	406	18,266	5,235	1,884	10,862	285	430,121	422,350	7,771	682,479	4
198	87,726	41	8,007	7	800	18,019	4,576	2,524	5,669	5,250	215,921	207,558	8,363	447,415	5
62	29,446	17	2,628	1	90	7,548	3,017	993	3,513	25	274,815	268,104	6,711	386,073	6
375	147,398	75	16,249	16	2,565	49,384	7,544	3,198	34,880	3,762	529,189	511,778	17,411	983,903	7
1,210	584,698	196	36,710	29	4,241	144,504	29,097	13,384	101,737	286	2,641,551	2,604,766	36,785	4,071,821	8
664	329,615	68	14,005	30	2,614	33,702	15,911	4,350	13,006	435	601,547	577,334	24,213	1,194,270	9
162	65,430	19	4,660	8	1,321	19,344	6,799	1,747	9,911	887	681,321	668,066	13,255	929,293	10
215	90,070	28	4,975	11	1,436	22,514	7,166	2,730	12,468	150	654,634	641,759	12,875	959,277	11
85	38,938	16	3,124	1	50	13,053	4,413	1,325	7,145	170	318,791	307,840	10,951	469,623	12
98	45,281	15	3,842	3	360	19,070	6,411	1,944	10,565	150	581,932	569,635	12,297	796,660	13
174	94,260	22	4,829	9	1,155	14,029	5,271	1,732	6,776	250	295,359	288,904	6,455	509,407	14
120	56,864	22	5,260	10	1,330	19,674	6,454	1,606	11,614	----------	327,212	319,269	7,943	543,486	15
206	95,560	70	11,760	9	1,791	27,305	9,647	2,977	14,671	10	490,238	481,203	9,035	817,079	16
211	112,571	17	3,404	5	1,185	15,591	5,197	2,136	5,298	2,960	288,958	274,455	14,503	543,252	17
365	173,280	57	11,729	3	217	26,999	9,092	3,066	13,716	1,125	443,220	422,154	21,066	899,879	18
80	39,958	15	3,137	1	225	16,372	4,662	1,253	10,457	----------	167,910	160,814	7,096	311,632	19
130	53,486	24	5,054	3	387	20,483	4,667	1,791	11,186	2,839	683,371	670,519	12,852	912,868	20
40	19,395	5	700	1	125	4,909	1,679	657	2,545	28	83,613	80,903	2,710	151,847	21
48	20,358	3	370	5	540	9,093	1,568	1,199	4,825	1,501	240,963	235,866	5,097	340,449	22
327	113,189	29	5,469	6	604	25,844	7,219	2,852	15,073	700	1,060,045	1,045,656	14,389	1,514,540	23
2,794	1,090,863	254	53,164	99	17,459	377,521	32,807	50,704	290,460	3,550	4,459,469	4,400,940	58,529	7,265,252	24
80	32,411	9	1,937	5	515	11,115	3,756	1,547	5,692	120	241,021	229,685	11,336	387,232	25
128	48,160	19	4,221	5	718	18,989	5,375	1,792	10,982	840	302,710	285,774	16,936	510,968	26
82	26,156	28	4,290	4	340	8,215	3,264	931	3,780	240	95,026	92,827	2,199	208,037	27
83	34,006	14	3,305	6	844	10,044	3,012	1,089	5,793	150	93,050	88,342	4,708	212,368	28
180	85,305	37	6,325	5	527	21,969	3,399	1,971	16,599	----------	758,979	743,426	15,553	1,085,520	29
2,774	1,239,360	315	56,994	89	12,183	450,508	53,958	30,548	332,871	33,631	3,247,247	3,181,304	65,943	6,145,776	30
37	19,274	3	1,260	2	229	6,447	2,206	1,086	2,648	507	207,178	200,164	7,014	296,062	31
4,383	1,846,411	1,164	211,778	115	18,209	1,044,201	90,738	54,688	785,227	113,548	6,366,965	6,261,987	104,978	11,614,240	32
65	31,341	4	1,002	----------	----------	9,908	3,477	851	4,880	700	163,345	157,235	6,110	242,376	33
674	338,335	49	9,358	19	1,697	37,356	10,011	3,289	23,390	666	1,065,235	1,034,779	30,456	1,729,214	34
226	96,380	20	4,884	7	506	20,976	5,868	2,352	12,226	530	393,308	383,781	9,527	666,717	35
51	24,067	7	2,320	----------	----------	8,220	2,311	339	5,070	----------	184,537	178,908	5,629	273,293	36
110	39,740	17	2,873	8	879	13,768	4,563	1,739	7,266	200	194,662	184,299	10,363	351,889	37
104	53,245	33	6,705	----------	----------	10,577	4,106	1,352	4,809	310	220,266	211,275	8,991	388,638	38
57	25,120	7	1,920	1	175	10,514	4,651	1,080	4,753	30	322,298	313,833	8,465	450,816	39
126	45,882	20	3,802	12	1,542	15,515	4,373	1,700	9,282	160	312,045	299,452	12,593	489,678	40
218	90,383	17	5,586	16	2,465	22,156	4,015	2,175	15,966	----------	416,266	393,156	23,110	718,466	41
59	29,520	15	1,498	1	30	8,149	3,126	1,174	3,832	17	166,933	162,161	4,772	271,219	42
248	120,274	35	8,097	2	169	35,029	7,761	3,398	15,245	8,625	684,819	670,411	14,408	1,060,422	43
523	267,709	34	6,070	9	870	16,413	6,233	2,564	7,576	40	489,232	467,560	21,672	898,661	44
135	52,881	37	5,814	9	956	24,951	10,051	2,102	11,658	1,140	219,557	210,152	9,405	414,966	45
130	50,095	11	2,566	4	737	13,119	4,474	1,720	6,303	622	467,694	459,424	8,270	681,037	46
62	28,228	11	1,805	3	305	9,943	2,430	1,536	5,860	117	285,218	277,924	7,294	423,798	47
79	34,956	12	2,731	3	400	11,143	3,435	1,605	6,028	75	317,029	309,122	7,907	463,228	48
101	41,000	8	1,675	3	584	13,188	3,598	1,537	7,607	446	231,209	219,290	11,919	368,795	49
357	148,255	43	9,408	4	966	48,556	7,315	3,794	33,649	3,798	620,490	607,420	13,070	971,117	50
309	141,866	91	14,269	5	532	64,060	10,938	4,122	37,367	11,633	430,250	416,653	13,597	990,950	51
183	77,246	34	6,795	13	601	26,510	4,807	1,741	19,962	----------	297,453	281,654	15,799	549,829	52
598	297,287	136	24,644	13	2,178	98,149	18,420	6,403	72,501	825	865,459	847,830	17,629	1,675,869	53
243	99,929	47	10,400	13	1,524	26,617	8,019	3,171	14,282	1,145	780,735	762,895	17,840	1,120,538	54
203	86,973	23	5,303	7	793	18,333	6,599	2,457	9,092	185	290,050	277,941	12,109	583,695	55
87	44,012	6	1,335	6	819	12,755	3,119	1,764	7,347	525	465,582	454,297	11,285	606,940	56
2,266	985,368	485	106,795	91	12,585	325,663	30,603	26,960	208,594	59,506	3,096,156	3,020,399	75,757	5,907,571	57
2,780	1,295,770	475	103,808	135	24,945	545,593	54,057	20,340	418,624	52,572	9,513,605	9,399,815	113,790	13,632,423	58
102	34,687	20	4,780	33	4,704	7,178	2,364	900	3,899	15	152,820	148,131	4,689	298,390	59
167	68,392	28	4,595	5	480	14,015	6,286	859	5,670	1,200	181,466	176,836	4,630	377,501	60
50	27,276	3	630	6	900	9,435	3,462	1,277	4,384	312	306,244	300,969	5,275	446,012	61
114	48,514	17	3,571	6	560	17,677	5,098	936	4,183	7,460	112,739	109,869	2,870	258,364	62
534	257,964	94	23,289	25	2,819	72,643	19,689	4,197	35,532	13,225	566,120	546,837	19,283	1,198,227	63
176	58,090	34	5,591	17	1,844	18,479	4,249	2,278	11,652	300	244,775	237,579	7,196	460,551	64
1,570	716,099	120	24,211	25	2,669	209,909	24,131	10,350	175,318	110	3,392,079	3,265,085	126,994	5,086,205	65
96	40,819	40	11,779	9	1,740	10,465	4,029	962	5,474	----------	152,116	146,151	5,965	305,628	66
109	47,064	15	2,963	6	640	12,553	3,237	1,068	8,248	----------	490,716	483,800	6,916	661,201	67
46	18,215	2	275	4	540	7,727	2,527	976	4,224	----------	94,019	89,607	4,412	188,098	68
94	39,497	14	2,355	5	706	12,185	4,387	833	5,330	1,635	169,141	165,789	3,352	278,737	69
217	87,475	35	5,889	8	883	26,529	8,391	2,705	15,183	250	374,623	362,771	11,852	658,017	70
2,390	983,850	366	80,597	164	25,313	219,554	21,187	25,148	124,854	48,365	3,913,909	3,879,544	34,365	6,038,828	71
103	38,976	10	2,219	6	710	18,500	5,338	2,798	10,289	75	503,540	488,220	15,320	686,414	72
32	14,195	3	486	2	188	6,166	2,026	635	2,005	1,500	66,333	63,828	2,505	121,024	73
303	134,435	44	8,449	15	1,269	27,157	7,860	3,660	13,582	2,055	454,667	437,760	16,907	812,979	74
118	53,393	17	3,328	8	1,010	12,434	5,101	1,154	5,978	201	469,881	459,310	10,571	675,673	75
229	103,733	24	5,201	6	640	63,320	8,046	4,312	50,385	577	873,352	853,393	19,959	1,223,241	76

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
77	Pocahontas	76	$176,039	$16,530	$41,555	$60,736	$57,218	83	2	$180	77	$30,295
78	Polk	547	8,050,689	576,157	934,341	2,398,147	4,142,044	569	742	606,010	4,780	2,058,095
79	Pottawattamie	324	1,426,472	134,050	233,755	454,158	604,509	355	134	116,844	1,282	652,164
80	Poweshiek	144	961,275	26,707	74,378	98,378	761,812	176	34	23,807	389	166,355
81	Ringgold	76	87,005	8,950	19,765	29,540	28,750	91	2	198	48	18,436
82	Sac	115	264,203	21,755	63,154	89,745	89,549	135	4	1,146	88	36,640
83	Scott	470	10,990,549	1,904,188	2,227,351	2,980,196	3,878,814	517	462	457,338	4,410	1,918,593
84	Shelby	72	150,115	11,947	30,300	55,338	52,530	79	10	2,290	70	28,588
85	Sioux	145	377,886	32,660	95,235	112,793	137,198	162	12	7,070	169	67,341
86	Story	148	342,645	29,715	80,500	96,780	135,650	169	15	4,093	175	72,968
87	Tama	147	529,082	70,505	107,120	222,083	129,374	182	20	10,960	320	122,137
88	Taylor	117	170,907	15,523	37,475	54,896	63,013	130	3	410	128	19,650
89	Union	137	451,870	30,465	144,642	174,470	102,293	140	32	23,725	457	191,129
90	Van Buren	124	594,371	37,785	116,997	164,581	275,008	156	30	22,341	349	100,858
91	Wapello	208	3,472,604	99,570	567,780	477,623	2,327,631	250	211	178,538	2,136	819,579
92	Warren	103	205,941	28,607	43,625	58,636	75,073	131	4	1,900	106	35,232
93	Washington	137	442,276	47,735	92,975	101,649	199,917	157	10	3,910	288	105,948
94	Wayne	102	196,345	18,305	41,805	57,050	79,185	130	8	2,465	121	42,549
95	Webster	172	1,536,942	150,654	343,725	564,059	478,504	177	121	84,034	746	326,378
96	Winnebago	78	230,456	16,000	37,825	96,465	80,166	82	13	3,235	142	57,868
97	Winneshiek	174	601,851	52,413	141,845	148,223	259,370	180	23	12,016	287	115,556
98	Woodbury	398	5,950,223	535,968	1,158,774	1,508,541	2,746,940	449	329	297,997	3,183	1,514,180
99	Worth	72	155,506	16,015	40,775	55,135	43,581	71	8	1,005	55	23,276
100	Wright	104	281,030	18,715	68,120	85,936	108,259	115	14	6,638	267	128,695

TABLE 7.—MANUFACTURES BY

1	All industries	14,819	$102,733,103	$11,701,330	$18,554,185	$26,150,011	$46,327,577	16,619	5,664	$4,486,117	58,553	$23,931,680
2	Agricultural implements	24	1,878,090	71,940	214,367	195,067	1,396,716	16	154	123,472	644	243,489
3	Awnings, tents, and sails	22	59,715	11,500	6,550	7,735	33,930	23	5	6,169	45	12,519
4	Axle grease	3	66,389	3,100	10,800	6,206	46,283	2	17	15,534	20	12,475
5	Baking and yeast powders	4	10,500	100	500	1,500	8,400	1	8	4,038	11	3,547
6	Bicycle and tricycle repairing	130	125,070	14,350	15,425	41,470	53,825	149	2	1,070	107	42,745
7	Blacksmithing and wheelwrighting	2,408	2,774,287	495,118	688,883	670,094	920,192	2,745	6	2,230	1,177	503,236
8	Bookbinding and blank book making	16	39,700			20,295	19,405	19	17	14,380	50	15,909
9	Boots and shoes, custom work and repairing.	475	195,886	31,745	50,664	53,643	59,834	492			144	61,727
10	Boots and shoes, factory product	7	506,757	12,100	57,840	86,471	350,346	7	40	35,832	566	191,783
11	Bottling	10	22,097	200	350	10,960	10,587	13	8	2,596	32	9,589
12	Boxes, cigar	9	56,953	1,650	4,000	9,167	42,136	7	4	4,180	76	20,485
13	Boxes, fancy and paper	7	31,614			16,667	14,977	8			94	19,822
14	Boxes, wooden packing	16	378,550	35,737	48,927	71,924	221,962	15	15	14,240	363	116,167
15	Brass castings and brass finishing	3	367,310	20,000	30,000	99,610	217,700	4	18	12,010	204	66,197
16	Bread and other bakery products	194	1,301,902	142,914	227,300	549,936	381,752	217	171	112,344	846	331,324
17	Brick and tile	339	3,076,355	574,097	1,036,217	727,441	738,600	441	94	65,068	1,986	768,860
18	Bridges	13	127,520	25,000	13,400	26,120	63,000	17	2	2,200	125	65,260
19	Brooms and brushes	71	161,577	17,316	34,465	19,140	90,656	83	17	14,389	240	76,323
20	Buttons	53	324,315	15,685	24,991	111,727	171,912	61	42	26,306	1,402	458,086
21	Carpentering	740	1,172,124	130,608	144,597	224,879	672,040	925	39	16,967	2,992	1,423,132
22	Carpets, rag	75	50,355	11,305	13,975	17,567	7,508	83	3	2,550	77	22,651
23	Carriage and wagon materials	14	144,551	16,900	41,800	23,175	62,676	14	23	7,995	127	45,388
24	Carriages and wagons	211	4,087,400	338,147	451,661	504,239	2,793,353	270	140	112,704	1,692	713,901
25	Cars and general shop construction and repairs by steam railroad companies.	58	3,277,617	232,825	1,365,929	816,126	862,737		278	249,948	5,497	2,948,947
26	Cars and general shop construction and repairs by street railroad companies.	3	62,825	11,300	26,500	15,300	9,725		6	8,400	85	51,207
27	Cheese, butter, and condensed milk, factory product.	907	3,459,017	145,198	1,095,429	1,499,183	719,207	565	413	81,425	1,133	588,653
28	China decorating	3	1,425	25	200	175	1,025	3				
29	Clothing, men's, custom work and repairing.	500	727,034	69,746	89,160	76,263	491,865	581	33	25,464	1,303	568,041
30	Clothing, men's, factory product	18	660,514	10,000	30,000	74,545	545,969	8	138	101,818	1,340	303,286
31	Clothing, women's, dressmaking	291	120,200	16,915	34,770	26,724	41,791	337	3	2,145	775	127,451
32	Clothing, women's, factory product	7	23,899			4,300	19,599	11	10	3,520	65	9,706
33	Coffee and spice, roasting and grinding	12	403,313	9,100	30,610	46,497	317,106	15	64	59,474	80	31,270
34	Coffins, burial cases, and undertakers' goods.	5	314,286	19,700	51,070	21,576	221,940	3	27	27,238	175	73,063
35	Confectionery	64	577,197	34,590	65,535	186,762	290,310	70	111	91,612	559	145,420
36	Cooperage	71	326,434	31,080	59,745	60,186	175,423	80	12	8,457	440	165,904
37	Druggists' preparations, not including prescriptions.	6	44,710	2,000	8,200	4,110	30,400	5	7	6,060	10	3,556
38	Dyeing and cleaning	31	56,080	10,250	19,500	17,175	9,155	39	12	6,216	64	24,740
39	Electrical construction and repairs	12	40,485	250	800	5,965	33,470	11	9	6,520	41	19,575
40	Fancy articles, not elsewhere specified	3	1,940			40	1,900	3			41	7,700
41	Flavoring extracts	4	6,050			750	5,300	4	13	6,980	7	1,610

BY COUNTIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
55	$26,719	14	$2,718	8	$858	$8,823	$3,040	$1,177	$4,606	----------	$184,000	$176,392	$7,608	$300,711	77
3,855	1,841,414	819	199,101	106	17,580	901,105	134,902	43,650	615,442	$107,111	5,173,612	4,996,193	177,419	10,856,986	78
1,124	617,776	130	30,125	28	4,263	178,344	30,216	9,674	133,910	4,544	1,491,763	1,444,871	46,892	3,029,528	79
316	144,163	71	21,936	2	256	43,128	6,170	2,025	21,898	13,035	537,308	527,953	9,355	1,192,863	80
37	16,391	6	1,365	5	680	5,444	2,482	710	2,247	5	80,682	77,384	3,298	169,495	81
75	33,562	11	2,870	2	208	13,667	3,475	1,412	8,170	610	341,303	332,061	9,242	509,404	82
3,392	1,682,915	854	212,665	164	23,013	861,287	77,317	45,405	655,182	83,383	6,921,917	6,722,617	199,300	11,720,441	83
63	27,730	2	408	5	450	5,610	1,671	715	3,224	----------	179,436	171,271	8,165	289,954	84
143	61,962	15	3,419	11	1,960	34,054	4,959	2,766	26,329	----------	501,776	487,806	13,970	778,244	85
136	66,348	26	5,160	13	1,460	19,329	6,022	1,807	10,477	1,023	401,652	389,124	12,528	666,552	86
249	111,106	40	6,698	31	4,333	29,141	7,295	2,418	18,639	789	329,798	309,074	20,724	662,929	87
103	17,714	16	811	9	1,125	16,546	3,706	1,067	5,949	5,824	227,212	220,454	6,758	376,153	88
398	182,084	59	9,045	----------	----------	34,554	13,043	5,864	13,787	1,860	469,511	458,164	11,347	879,288	89
228	78,291	109	21,514	12	1,053	28,311	3,268	2,939	20,198	1,906	424,728	415,800	8,928	717,314	90
1,754	738,632	231	60,405	151	20,542	205,929	28,955	13,746	161,406	1,822	7,169,468	7,110,906	58,562	9,281,773	91
86	32,350	9	1,712	11	1,170	11,318	2,846	1,309	4,563	2,600	240,496	235,654	4,842	384,588	92
258	100,777	24	4,258	5	913	35,782	5,672	2,561	10,146	17,403	368,528	356,573	11,955	660,501	93
93	37,829	20	3,885	8	835	10,373	4,488	1,223	4,212	450	179,421	172,571	6,850	310,707	94
637	298,903	98	25,890	11	1,585	100,082	17,839	6,453	48,436	27,354	1,041,381	978,629	62,752	1,813,400	95
118	52,077	20	5,063	4	728	14,082	3,998	1,339	8,595	150	418,685	409,153	9,532	589,652	96
251	108,102	34	7,274	2	180	34,247	8,278	3,271	21,654	1,044	779,112	765,566	13,546	1,177,067	97
2,679	1,407,356	443	97,137	61	9,687	670,166	75,067	26,695	552,989	15,415	10,882,993	10,694,451	188,542	15,801,189	98
48	21,957	6	1,139	1	180	6,828	1,742	1,187	2,844	1,055	262,704	256,041	6,663	353,300	99
246	124,760	13	3,133	8	802	13,289	5,004	2,179	6,106	----------	370,206	356,441	13,765	621,568	100

SPECIFIED INDUSTRIES: 1900.

48,417	$21,893,983	8,248	$1,766,858	1,888	$270,839	$7,988,767	$1,166,879	$547,635	$5,592,216	$682,037	$101,170,357	$98,911,434	$2,258,923	$164,617,877	1
641	242,568	1	421	2	500	96,540	1,807	7,085	87,545	103	669,989	650,012	19,977	1,508,667	2
22	7,242	23	5,277	----------	----------	8,097	2,736	408	4,953	----------	48,093	47,604	489	101,303	3
20	12,475	----------	----------	----------	----------	21,932	36	209	21,687	----------	47,857	47,506	351	132,101	4
7	2,440	4	1,107	----------	----------	4,384	610	33	3,741	----------	13,183	13,098	85	28,335	5
103	42,192	----------	----------	4	553	20,496	12,941	688	6,513	354	86,014	83,201	2,813	218,554	6
1,162	501,317	----------	----------	15	1,919	124,716	60,475	18,021	44,961	1,259	1,004,390	904,547	99,843	3,361,298	7
21	9,769	25	5,529	4	611	8,143	2,510	256	1,841	3,536	27,649	26,980	669	83,391	8
144	61,727	----------	----------	----------	----------	29,418	24,049	1,253	3,946	170	150,285	145,530	4,755	432,336	9
272	115,659	227	65,557	67	10,567	18,718	1,732	2,174	14,812	----------	507,492	502,829	4,663	786,141	10
32	9,589	----------	----------	----------	----------	8,110	2,195	300	5,615	----------	60,530	59,793	737	114,666	11
24	9,208	46	10,347	6	930	3,721	598	280	2,843	----------	50,125	49,373	752	90,544	12
15	7,150	76	12,272	3	400	3,068	2,340	211	517	----------	26,503	25,437	1,066	59,990	13
303	106,967	20	2,200	40	7,000	27,219	915	1,976	20,548	3,780	542,745	541,238	1,507	852,687	14
177	62,147	----------	----------	27	4,050	23,418	138	906	22,374	----------	135,337	132,737	2,600	263,099	15
564	275,061	257	49,969	25	6,294	119,837	40,052	8,857	69,567	1,361	1,427,765	1,386,048	41,717	2,673,788	16
1,942	761,368	1	360	43	7,132	115,897	11,509	14,462	83,732	6,194	460,313	81,413	378,900	1,976,323	17
125	65,260	----------	----------	----------	----------	28,067	1,155	462	24,210	2,240	179,412	178,867	545	306,844	18
171	62,951	43	9,201	26	4,171	8,883	3,542	811	4,530	----------	151,621	149,067	2,554	348,448	19
887	361,062	441	86,550	74	10,474	37,252	4,624	1,255	26,753	4,620	196,842	183,810	13,032	866,538	20
2,987	1,422,031	2	635	3	466	509,540	24,075	6,367	34,265	444,833	3,627,095	3,615,648	11,447	6,872,393	21
47	17,153	22	4,585	8	913	4,419	2,781	312	1,324	2	22,353	20,683	1,670	101,246	22
120	43,682	7	1,706	----------	----------	8,275	1,234	1,126	5,855	60	153,715	151,434	2,281	259,523	23
1,655	704,689	32	7,452	5	1,760	243,794	19,378	24,471	198,475	1,470	1,863,988	1,826,384	37,604	3,931,067	24
5,488	2,946,013	4	1,284	5	1,650	124,453	----------	36,894	87,559	----------	2,896,269	2,795,055	101,214	6,221,378	25
85	51,207	----------	----------	----------	----------	880	----------	380	500	----------	36,699	32,399	4,300	97,186	26
1,099	582,144	22	4,951	12	1,558	153,990	12,089	17,039	121,816	3,046	13,501,556	13,255,944	245,612	15,846,077	27
----------	----------	----------	----------	----------	----------	125	108	2	15	----------	715	610	105	2,300	28
1,030	497,380	261	68,989	12	1,672	122,672	75,656	5,452	34,150	7,414	816,380	802,714	13,666	2,111,151	29
147	66,182	1,178	235,304	15	1,800	95,446	12,854	5,361	77,231	----------	910,106	903,944	6,162	1,534,697	30
21	9,700	753	117,655	1	96	25,380	20,413	952	4,003	12	112,987	108,968	4,019	459,157	31
4	2,466	61	7,240	----------	----------	1,639	983	3	550	103	25,284	24,798	486	46,998	32
48	23,405	31	7,709	1	156	16,966	4,409	2,521	10,036	----------	795,613	789,784	5,829	970,962	33
149	66,851	26	6,212	----------	----------	13,785	----------	2,158	11,627	----------	226,400	225,285	1,115	399,462	34
249	95,637	307	49,273	3	510	56,311	19,670	2,807	33,834	----------	716,901	705,713	11,188	1,264,530	35
421	162,804	1	250	13	2,850	16,677	3,231	2,376	10,470	----------	457,477	452,196	5,281	719,635	36
7	2,880	8	676	----------	----------	8,272	595	185	7,492	----------	17,851	17,696	155	45,344	37
48	19,369	19	5,035	2	336	14,219	5,181	899	8,639	----------	12,716	9,205	3,511	96,528	38
41	19,575	----------	----------	----------	----------	4,415	2,662	227	1,526	----------	80,248	79,600	648	134,385	39
7	5,000	34	2,700	----------	----------	834	341	125	368	----------	3,895	3,870	25	10,850	40
1	290	6	1,320	----------	----------	2,199	1,260	76	863	----------	15,731	15,656	75	30,340	41

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
42	Flouring and grist mill products	702	$6,421,078	$762,946	$1,481,670	$2,379,941	$1,796,521	866	210	$160,476	1,285	$526,479
43	Food preparations	16	2,501,521	164,100	702,500	840,071	794,850	21	54	49,510	609	209,031
44	Foundry and machine shop products	190	3,732,774	310,487	569,516	1,027,782	1,824,989	216	221	204,969	2,372	1,088,312
45	Fruits and vegetables, canning and preserving.	26	1,027,321	37,900	190,900	311,869	486,652	15	46	27,305	699	184,710
46	Fur goods	14	52,955	2,500	5,000	3,955	41,500	17	2	930	65	23,225
47	Furnishing goods, men's	3	25,162			2,741	22,421	1	10	7,020	33	7,119
48	Furniture, cabinetmaking, repairing, and upholstering.	103	170,742	20,575	34,700	22,433	93,034	124	8	3,870	98	49,242
49	Furniture, factory product	26	1,021,658	86,010	161,180	176,002	598,466	11	105	84,676	850	292,080
50	Furs, dressed	6	15,250	325	2,925	8,100	3,900	8			14	7,640
51	Gas, illuminating and heating	26	4,129,984	241,338	258,452	3,325,820	304,374		90	70,120	226	118,307
52	Gas machines and meters	6	29,700	100	3,200	3,500	22,900	8	6	4,750	11	5,100
53	Gloves and mittens	9	277,008	22,000	35,000	22,500	197,508	17	43	31,198	174	56,958
54	Grease and tallow	8	22,392	4,070	5,650	6,250	6,422	10	5	1,530	10	3,987
55	Hairwork	7	9,045	1,000	2,500	345	5,200	9			14	3,826
56	Hardware	5	249,139	18,149	39,470	73,264	118,256	4	27	24,561	244	64,539
57	Ice, manufactured	8	165,300	23,000	29,800	88,000	24,500	3	10	3,055	33	15,067
58	Ironwork, architectural and ornamental.	12	372,305	26,200	37,108	83,699	225,298	10	25	22,166	189	79,613
59	Jewelry	3	12,275	1,100	2,050	3,250	5,875	7	2	1,150	16	8,865
60	Kindling wood	3	22,000	6,314	3,874	5,562	6,250	2	4	3,000	30	7,383
61	Lime and cement	28	663,830	89,100	159,325	261,785	153,620	27	38	26,588	302	145,382
62	Liquors, malt	21	2,420,515	215,005	973,110	417,677	814,723	18	58	84,136	321	189,916
63	Liquors, vinous	6	2,100	160	910	715	315	5			2	578
64	Lock and gun smithing	41	31,173	4,275	3,315	16,375	7,208	44			16	7,499
65	Looking-glass and picture frames	35	34,150	2,200	3,300	5,450	23,200	42	6	2,715	40	16,167
66	Lumber and timber products	264	8,762,219	1,978,335	273,966	813,282	5,696,636	327	145	173,768	2,793	1,046,181
67	Lumber, planing mill products, including sash, doors, and blinds.	65	3,576,305	232,177	395,621	494,335	2,454,172	66	187	180,435	2,372	983,924
68	Marble and stone work	39	370,479	60,425	57,900	103,977	148,177	47	11	7,700	352	161,363
69	Masonry, brick and stone	170	624,713	32,102	23,287	130,689	438,635	216	29	24,582	1,124	570,560
70	Mattresses and spring beds	7	54,531	5,700	3,000	8,522	37,309	5	17	10,972	49	16,738
71	Millinery, custom work	926	1,235,043	145,840	233,325	55,535	800,343	1,127	90	26,617	1,258	282,940
72	Mineral and soda waters	73	398,447	63,155	57,645	132,470	145,177	83	34	25,006	152	58,757
73	Models and patterns	4	11,720	1,660	3,070	5,040	1,950	6	3	2,700	11	3,786
74	Monuments and tombstones	139	637,587	53,475	67,275	35,942	480,895	183	71	39,480	328	177,585
75	Musical instruments and materials, not specified.	8	15,125			5,950	9,175	8	3	150	9	4,740
76	Oil, linseed	4	647,029	85,000	57,000	192,000	313,029		24	42,696	34	44,973
77	Painting, house, sign, etc	338	281,402	32,495	29,295	54,477	165,135	413	33	18,055	766	331,670
78	Paints	6	207,485	7,242	22,550	20,813	156,880	9	31	23,480	40	14,739
79	Paper and wood pulp	4	182,045	20,000	10,000	124,400	27,645	2	11	11,770	180	63,589
80	Paper hanging	28	76,196	6,760	5,990	4,525	58,921	28	17	7,641	121	65,177
81	Patent medicines and compounds	41	512,019	20,416	5,460	30,789	455,354	45	296	396,531	192	65,784
82	Paving and paving materials	38	146,082	20,235	5,472	34,885	85,490	51	9	4,400	330	114,410
83	Perfumery and cosmetics	6	79,350	2,000	9,000	3,500	64,850	11	69	31,968	38	9,611
84	Photography	406	490,859	63,735	115,100	207,247	104,777	441	10	3,641	194	72,555
85	Pickles, preserves, and sauces	15	471,171	48,726	117,701	87,169	217,575	10	45	47,665	322	69,006
86	Plastering and stuccowork	58	24,084	1,025	1,600	4,918	16,541	73	3	1,810	151	64,570
87	Plumbing, and gas and steam fitting	196	575,937	29,300	38,750	86,627	421,260	259	46	24,992	729	374,470
88	Pottery, terra cotta, and fire-clay products.	17	361,258	85,550	111,567	71,100	93,041	17	13	13,359	234	93,299
89	Printing and publishing, book and job	115	976,341	29,300	100,214	513,812	333,015	121	141	103,761	855	345,665
90	Printing and publishing, newspapers and periodicals.	910	4,703,049	239,560	405,976	2,451,255	1,606,258	1,033	523	398,965	3,393	1,311,179
91	Roofing and roofing materials	29	92,071	12,825	10,250	12,735	56,261	34	6	3,010	97	31,834
92	Rubber and elastic goods	3	2,436			684	1,752	2	1	520	3	1,070
93	Saddlery and harness	982	2,977,146	294,838	496,398	216,350	1,969,560	1,097	115	56,954	1,230	493,651
94	Sausage	4	18,300	5,000	6,600	2,600	4,100	6			13	6,500
95	Scales and balances	7	65,492	2,100	3,400	15,500	44,492	4	1	400	37	18,704
96	Sewing machine repairing	6	1,042			677	365	6				
97	Ship and boat building, wooden	10	28,996	8,400	5,625	6,200	8,771	9	7	4,700	38	13,430
98	Shirts	5	10,300			3,750	6,550	7			33	11,232
99	Show cases	3	4,960			1,760	3,200	4	1	200	9	5,410
100	Slaughtering and meatpacking, wholesale.	20	6,264,578	151,750	1,198,153	499,375	4,415,300	13	130	196,056	2,874	1,201,681
101	Slaughtering, wholesale, not including meat packing.	7	86,775	26,300	33,900	15,700	10,875	6	3	1,320	13	6,486
102	Soap and candles	12	317,410	25,900	41,650	61,167	188,693	14	33	30,072	105	38,388
103	Starch	4	700,064	30,000	225,000	205,234	239,830		35	37,842	327	114,881
104	Steam fittings and heating apparatus	4	84,317	4,500	9,000	23,000	47,817	5	10	8,840	53	24,107
105	Sugar and molasses, refining	33	107,582	12,050	29,130	23,230	43,172	40	17	13,460	63	20,000
106	Tinsmithing, coppersmithing, and sheet-iron working.	624	1,489,276	191,977	312,378	308,884	676,037	783	46	32,580	942	423,170
107	Tobacco, cigars and cigarettes	408	1,264,097	52,160	67,437	65,026	1,079,474	458	126	117,006	1,856	700,777
108	Tools, not elsewhere specified	4	154,365	5,000	17,600	24,300	107,465	4	15	11,191	65	26,697
109	Trunks and valises	7	30,340	6,000	1,650	3,190	19,500	7	2	1,100	17	6,192
110	Upholstering materials	7	61,505	1,900	9,328	22,260	28,017	2	6	4,490	54	13,477
111	Vinegar and cider	8	126,957	14,905	37,670	40,788	33,594	4	25	23,589	29	10,680

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
1,224	$512,119	49	$13,570	12	$790	$304,256	$18,387	$45,365	$239,832	$672	$11,272,217	$11,075,461	$196,756	$13,823,083	42
366	163,908	208	41,001	35	4,122	196,297	2,026	2,152	192,119		2,388,003	2,355,730	32,273	3,604,031	43
2,296	1,077,040	14	2,130	62	9,142	200,918	22,534	19,184	148,782	10,418	2,189,660	2,094,681	94,979	4,460,914	44
321	114,630	266	54,575	112	15,505	63,185	225	8,852	57,508	1,600	767,231	755,874	11,357	1,859,958	45
9	6,496	56	16,729			10,435	5,279	415	4,741		63,840	63,700	140	136,788	46
4	1,356	29	5,763			6,821	1,071	165	5,585		53,329	53,133	196	78,700	47
93	47,998	4	1,078	1	166	14,013	9,214	1,145	3,654		123,191	121,432	1,759	266,213	48
766	274,869	24	6,396	50	10,815	108,809	10,391	6,374	74,096	17,948	746,574	734,412	12,162	1,419,862	49
11	6,588	3	1,052			1,932	444	58	1,430		6,615	5,131	1,484	24,598	50
225	118,151			1	156	259,017		30,295	228,722		203,961	190,731	13,230	807,787	51
11	5,100					1,602	557	90	955		15,748	15,603	145	32,835	52
50	29,310	114	26,948	10	700	15,009	1,572	1,087	12,300	50	124,754	122,575	2,179	283,920	53
10	3,987					1,682	120	135	1,427		77,725	76,204	1,521	92,423	54
2	936	12	2,890			1,700	1,202	58	440		4,766	4,631	135	16,410	55
223	59,830	21	4,709			30,708	348	557	29,803		108,811	103,915	4,896	311,737	56
83	15,067					9,014	696	875	7,443		10,530	2,758	7,772	38,400	57
187	79,427			2	186	20,680	1,248	1,059	7,996	10,377	300,714	298,005	2,709	512,909	58
16	8,865					632	520	17	95		8,654	8,368	286	32,900	59
30	7,383					2,362	81	54	2,227		8,933	8,658	275	23,554	60
300	144,662			2	720	68,488	7,072	2,580	27,672	31,164	181,514	139,950	41,564	543,267	61
817	189,366			4	550	736,550	15,050	12,775	708,725		385,164	331,304	53,860	1,713,911	62
2	578					322	125	47	150		1,410	1,410		4,119	63
14	7,256			2	243	5,418	4,117	265	1,036		11,220	10,286	934	43,747	64
36	14,976	4	1,191			7,652	4,114	367	1,871	1,800	45,195	44,674	521	94,255	65
2,677	1,028,758	5	1,229	111	16,194	342,386	7,102	65,549	269,735		6,324,034	6,323,984	50	8,677,058	66
2,326	972,611			46	11,313	255,979	11,521	23,027	221,431		3,195,243	3,172,827	22,416	5,295,546	67
344	160,016			8	1,347	15,957	1,799	1,742	11,016	1,400	102,503	95,841	6,662	355,046	68
1,123	570,456			1	104	44,432	6,359	998	17,075	20,000	1,022,997	1,021,394	1,603	1,919,219	69
38	13,468	11	3,270			10,611	1,995	193	7,998	425	88,468	86,798	1,670	148,660	70
5	4,170	1,244	277,942	9	828	170,220	116,735	9,760	42,930	795	1,390,783	1,375,797	14,986	2,624,182	71
144	57,638	3	419	5	700	42,007	5,359	2,601	33,951	96	146,803	142,881	3,922	428,913	72
7	2,756	3	780	1	250	943	336	114	493		2,365	1,941	424	13,175	73
327	177,225	1	360			48,117	13,886	4,315	29,666	250	630,514	626,901	3,613	1,267,459	74
9	4,740					2,864	1,259	52	1,553		32,552	32,396	156	70,148	75
84	44,973					61,932		4,809	57,123		1,456,798	1,441,403	15,395	1,612,798	76
762	330,118	2	1,292	2	260	38,286	22,285	1,471	14,430	100	337,395	335,825	1,570	1,010,569	77
34	13,510	6	1,229			19,833	20	783	19,030		255,510	250,952	4,558	336,867	78
132	55,374	28	4,964	20	3,251	13,350	2,500	115	10,735		106,615	89,078	17,537	243,776	79
121	65,177					10,374	5,795	598	3,981		84,045	83,810	235	210,904	80
102	46,480	89	19,204	1	100	201,398	8,853	2,086	190,444	15	300,883	298,174	2,709	1,360,643	81
326	113,428	2	600	2	382	7,293	1,469	250	5,574		157,740	156,747	993	358,485	82
10	4,111	23	4,820	5	680	20,216	1,544	406	18,266		39,965	39,588	377	121,129	83
95	43,209	98	29,271	1	75	70,009	45,051	2,978	20,627	1,353	213,677	204,860	8,817	712,215	84
164	43,534	151	25,012	7	460	89,651	1,789	4,005	33,857		414,637	409,314	5,323	762,435	85
151	64,570					7,344	1,557	62	965	4,760	77,717	77,601	116	200,414	86
724	373,620	2	516	3	334	67,186	31,483	4,138	30,923	642	925,992	919,276	6,716	1,780,035	87
233	93,024			1	275	24,562		2,093	22,219	250	57,267	10,811	46,456	248,597	88
677	301,999	156	40,706	22	2,960	89,247	31,342	6,310	44,529	7,066	411,711	393,957	17,754	1,210,110	89
2,324	1,107,349	596	148,477	473	55,353	444,690	101,133	22,154	286,431	34,972	1,082,549	1,014,827	67,722	4,935,453	90
96	31,562	1	272			5,979	2,695	338	2,946		84,088	83,367	721	165,474	91
2	800	1	270			587	285		302		2,905	2,878	27	5,871	92
1,210	490,626	9	1,919	11	1,106	168,252	72,888	21,559	67,768	6,037	1,705,432	1,681,581	23,851	3,273,972	93
13	6,500					1,000	660	255	85		47,835	47,430	405	67,800	94
37	18,704					3,528	1,705	490	1,333		22,401	21,139	1,262	58,214	95
						637	272		365		1,260	1,190	70	3,780	96
38	13,430					1,180	315	228	637		13,207	12,603	604	42,665	97
2	836	31	10,396			1,344	991	39	314		6,509	6,219	290	32,388	98
9	5,410					1,300	1,230		70		6,859	6,694	165	16,427	99
2,630	1,156,935	29	9,906	215	34,840	437,103	4,130	19,345	413,628		21,195,066	21,054,250	140,816	25,296,518	100
18	6,486					4,883		831	4,052		361,578	360,528	1,050	398,526	101
76	34,047	22	3,651	7	690	34,722	3,965	1,427	29,330		407,150	400,041	7,109	600,715	102
248	97,050	77	17,331	2	500	59,192	180	2,375	56,637		623,814	586,630	37,184	896,831	103
53	24,107					5,381	540	266	4,575		37,029	36,179	850	93,429	104
42	15,260	20	4,620	1	120	14,627	21	1,015	13,591		130,675	127,345	3,330	215,388	105
893	416,271	41	5,568	8	1,331	99,450	42,721	9,068	47,061	600	1,058,971	1,039,638	19,333	2,208,289	106
1,143	536,622	559	144,534	154	19,621	412,818	52,843	8,647	351,178	150	948,991	940,300	8,691	2,576,384	107
50	22,347	14	4,200	1	150	3,334	125	872	2,337		95,440	92,249	3,191	192,187	108
16	6,088			1	104	4,010	2,032	299	1,679		16,300	15,804	496	42,006	109
54	13,477					1,179	50	124	1,005		26,362	25,120	1,242	70,827	110
23	9,627	6	1,053			11,470	887	665	9,918		62,802	58,685	4,117	130,453	111

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
112	Washing machines and clothes wringers.	3	$19,500	$1,000	$1,300	$5,200	$12,000	5	1	$520	30	$10,120
113	Watch, clock, and jewelry repairing	482	331,603	69,440	101,811	158,278	202,074	492	4	1,887	264	132,586
114	Windmills	8	161,104	16,800	12,689	13,843	117,772	7	4	5,200	72	43,111
115	Window shades	8	3,150	500	500	250	1,900	2			2	1,024
116	Wirework, including wire rope and cable.	25	186,510	6,850	16,525	76,937	86,198	34	20	11,134	103	40,984
117	Wood, turned and carved	13	48,000	3,680	6,860	14,475	22,985	21	1	600	48	14,590
118	Woolen goods	12	494,074	24,990	67,850	143,350	257,884	11	26	16,611	256	64,596
119	All other industries[1]	73	11,509,227	2,866,907	2,991,102	3,074,213	2,577,005	78	177	189,415	1,555	703,262

[1] Embraces artificial limbs, 1; baskets, and rattan and willow ware, 2; bells, 1; bicycles and tricycles, 1; brassware, 1; butter, reworking, 1; charcoal, 2; cleansing and polishing preparations, 2; cordage and twine, 1; cutlery and edge tools, 1; dentists' materials, 2; electrical apparatus and supplies, 2; electroplating, 2; enameling and enameled goods, 1; engraving, wood, 1; explosives, 1; fertilizers, 1; gas and lamp fixtures, 2; glass, cutting, staining, and ornamenting, 2; glucose, 2; hand stamps, 2; hardware, saddlery, 1; hats and caps, not including fur hats, and wool hats, 1; hosiery and knit goods, 2; lamps and reflectors, 2; lead, smelting and refining, 1; leather, tanned, curried, and finished, 2; malt, 2; mantels, slate, marble, and marbleized, 1; mirrors, 1; musical instruments, organs and materials, 1;

TABLE 8.—MANUFACTURES IN CITIES

BURLINGTON.

1	All industries	340	$5,235,624	$1,284,792	$499,200	$1,169,563	$2,282,069	358	303	$203,540	2,598	$1,013,998
2	Blacksmithing and wheelwrighting	12	10,065	2,175	3,175	2,220	2,495	16			14	6,524
3	Boots and shoes, custom work and repairing.	16	4,165	800	700	1,490	1,175	18			5	2,156
4	Bread and other bakery products	7	14,150	1,200	2,150	6,100	4,700	10	10	3,902	42	17,539
5	Carpentering	33	36,970	2,145	2,350	5,410	27,065	36			148	81,134
6	Carpets, rag	3	7,360	1,575	3,160	1,600	1,025	4			2	936
7	Carriage and wagon materials	3	53,250	6,500	12,800	16,100	17,850	2			83	25,727
8	Carriages and wagons	9	269,444	31,000	41,139	40,976	156,329	6	11	13,636	186	73,615
9	Cars and general shop construction and repairs by steam railroad companies.	3	53,544	3,200	35,150	10,570	4,624		7	6,240	60	32,335
10	Clothing, men's, custom work and repairing.	13	29,797	3,500	1,000	1,560	23,737	17	3	3,360	61	24,971
11	Clothing, women's, dressmaking	18	3,895	20	40	1,470	2,365	22			50	7,785
12	Confectionery	3	138,041			88 150	49,891	1	28	17,025	71	19,413
13	Foundry and machine shop products	3	371,684	19,047	70,328	120,508	161,801	2	9	11,850	310	149,763
14	Furniture, cabinetmaking, repairing, and upholstering.	4	1,568			248	1,320	5	1	650	5	2,783
15	Furniture, factory product	5	332,921	19,100	53,000	68,263	192,558	2	41	24,124	237	75,887
16	Liquors, malt	3	123,000	12,000	63,000	24,000	24,000	4	2	2,000	28	15,500
17	Liquors, vinous	6	2,100	160	910	715	315	6			2	578
18	Lock and gun smithing	4	4,335	2,800	400	800	335	5			1	200
19	Lumber and timber products	3	2,153,698	1,050,795	46,469	85,244	971,190	1	18	13,940	220	83,418
20	Marble and stone work	3	2,500	600	200	500	1,200	3			10	3,750
21	Masonry, brick and stone	13	2,985			1,005	1,980	16			32	13,983
22	Millinery, custom work	11	21,454			1,554	19,900	12			33	8,621
23	Monuments and tombstones	4	28,990	2,000	150	1,690	25,150	5	5	2,800	17	8,590
24	Painting, house, sign, etc	23	19,543	625	730	4,433	13,755	29	3	2,730	57	24,463
25	Paper hanging	4	7,480			470	7,010	3	1	400	7	3,747
26	Paving and paving materials	3	11,260			160	11,100	3			12	7,153
27	Photography	5	7,800			3,800	4,000	8	1	100	5	2,132
28	Plastering and stuccowork	6	830			770	60	6			10	3,270
29	Plumbing, and gas and steam fitting	5	30,401	3,000	3,000	3,250	21,151	5	3	1,219	27	11,513
30	Printing and publishing, book and job	5	63,362			42,245	21,117	2	20	14,694	60	16,791
31	Printing and publishing, newspapers and periodicals.	6	111,351	1,000	2,500	74,000	33,851	3	35	20,730	56	35,801
32	Saddlery and harness	10	59,655			11,630	48,025	11	26	6,500	78	24,532
33	Tinsmithing, coppersmithing, and sheet-iron working.	10	13,230	400	1,250	8,080	8,500	9	1	624	29	14,617
34	Tobacco, cigars and cigarettes	22	45,299	3,150	2,000	2,011	38,138	21	8	5,330	126	47,674
35	Watch, clock, and jewelry repairing	10	5,325			3,225	2,100	10			7	4,490
36	All other industries[1]	50	1,194,172	118,000	153,599	540,316	382,257	55	70	51,686	497	162,607

[1] Embraces awnings, tents, and sails, 1; baskets, and rattan and willow ware, 1; bells, 1; bicycle and tricycle repairing, 2; bookbinding and blank book making, 2; bottling, 1; boxes, cigar, 2; boxes, wooden packing, 2; brick and tile, 2; brooms and brushes, 2; buttons, 1; clothing, men's, factory product, 1; coffee and spice, roasting and grinding, 2; coffins, burial cases, and undertakers' goods, 1; cooperage, 2; dyeing and cleaning, 1; flouring and grist mill products, 1; fruits and vegetables, canning and preserving, 1; fur goods, 1; gas, illuminating and heating, 1; looking-glass and picture frames, 1; lumber, planing mill products, including sash,

CEDAR RAPIDS.

1	All industries	241	$8,256,801	$475,675	$1,314,867	$1,390,512	$3,075,747	281	336	$286,448	3,105	$1,313,821
2	Bicycle and tricycle repairing	9	5,130			1,495	3,635	12			8	3,000
3	Blacksmithing and wheelwrighting	14	18,595	8,800	4,010	2,175	3,610	16			18	10,220
4	Boots and shoes, custom work and repairing.	8	1,260	850	50	695	165	9				
5	Bread and other bakery products	8	134,110	28,100	27,000	18,320	60,690	9	21	15,140	122	40,114
6	Brick and tile	3	19,900	4,900	4,800	5,100	5,100	4	1	390	20	9,415

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
25	$9,600			5	$520	$1,878	$396	$92	$1,390		$22,900	$21,745	$1,155	$46,550	112
254	130,917	4	$1,055	6	614	65,264	44,041	4,535	15,161	$1,527	147,361	141,191	6,170	625,283	113
69	41,705	3	1,406			7,431	652	1,006	5,773		62,016	61,030	986	129,689	114
2	1,024					235	105	30	100		3,545	3,545		6,200	115
100	39,884			8	1,100	24,708	2,592	608	21,508		226,015	222,419	3,596	370,669	116
48	14,590					1,606	287	187	1,132		18,280	16,546	1,734	64,036	117
126	39,576	128	24,647	2	373	16,831	650	2,726	13,455		175,426	169,383	6,043	296,500	118
1,379	673,680	146	26,141	30	3,441	350,842	21,172	12,148	270,009	47,513	3,621,494	3,403,420	218,074	5,700,387	119

oil, not elsewhere specified, 1; oysters, canning and preserving, 1; paper goods, not elsewhere specified, 2; paper hangings, 1; pens, fountain, and stylographic, 1; photographic materials, 2; pipes, tobacco, 1; plumbers' supplies, 1; printing and publishing, music, 2; pumps, not including steam pumps, 2; refrigerators, 1; saws, 1; shipbuilding, iron and steel, 1; stereotyping and electrotyping, 2; surgical appliances, 2; tobacco, chewing, smoking, and snuff, 2; toys and games, 1; typewriters and supplies, 1; typewriter repairing, 1; woodenware, not elsewhere specified, 2.

BY SPECIFIED INDUSTRIES: 1900.

BURLINGTON.

2,199	$945,303	312	$56,744	87	$11,951	$414,819	$53,785	$22,350	$305,053	$33,631	$2,809,536	$2,753,641	$55,895	$5,334,196	1
13	6,426			1	98	928	832	47	49		4,643	4,131	512	24,814	2
5	2,156					1,238	954	9	265		4,735	4,575	160	13,455	3
36	16,264			6	1,275	6,347	2,432	53	3,862		36,768	35,686	1,082	81,678	4
148	81,134					32,933	1,577	58	1,359	29,939	156,692	156,635	57	314,925	5
2	936					221	44	30	147		1,010	899	111	4,600	6
82	25,313	1	414			2,541	84	727	1,730		114,209	112,563	1,646	162,875	7
182	72,853	4	762			8,488	1,640	2,216	4,632		248,367	246,470	1,897	429,204	8
60	32,335					730		290	440		34,947	33,003	1,944	74,302	9
56	23,920	3	791	2	260	4,330	2,628	332	1,370		28,829	28,338	491	83,299	10
		60	7,785			2,120	1,814	57	249		4,008	3,740	268	22,947	11
30	13,600	41	5,813			16,598	2,700	304	13,594		90,638	87,773	2,865	197,563	12
309	149,563			1	200	7,724	260	1,232	6,232		224,205	209,970	14,235	476,315	13
5	2,783					368	265	10	93		4,517	4,492	25	11,080	14
206	71,325	8	1,200	23	3,362	17,661	3,950	1,305	12,406		177,656	173,196	4,460	332,935	15
28	15,500					31,487		770	30,717		22,295	19,595	2,700	96,275	16
2	578					322	125	47	150		1,410	1,410		4,119	17
				1	200	473	420	35	18		408	266	142	3,100	18
219	83,135	1	283			127,727		3,769	123,958		539,804	539,804		877,485	19
10	3,750					52		10	42		3,075	3,072	3	7,700	20
32	13,983					1,437	1,057		380		20,508	20,508		45,286	21
		33	8,621			5,482	4,641	204	637		29,288	29,086	202	55,020	22
17	8,590					4,211	890	113	3,208		31,549	31,321	228	60,966	23
57	24,463					3,978	2,213	101	1,664		23,581	23,466	115	73,995	24
7	3,747					857	460	84	313		6,525	6,495	30	14,925	25
12	7,153					427	260	2	165		7,663	7,663		27,750	26
2	1,092	3	1,040			2,037	1,368		669		4,763	4,533	230	24,965	27
10	3,270					644	455	3	186		5,300	5,300		12,705	28
27	11,513					2,188	1,125	250	813		25,423	25,313	110	51,277	29
33	12,550	23	3,785	4	456	4,645	1,972	513	2,160		22,243	20,858	1,385	71,100	30
50	34,336	4	1,300	2	165	9,231	2,108	280	6,801	42	51,627	49,067	2,560	150,088	31
75	24,038			3	494	10,778	2,567	495	7,716		80,968	80,030	938	160,958	32
29	14,617					1,820	1,214	79	127	400	17,235	16,850	385	40,210	33
92	43,454			34	4,220	22,864	3,850	243	18,771		58,133	57,769	364	149,606	34
7	4,490					2,092	1,930	20	92	50	1,003	983	20	13,000	35
356	136,436	131	24,950	10	1,221	79,840	7,940	8,662	60,038	3,200	725,511	708,781	16,730	1,163,674	36

doors, and blinds, 2; mantels, slate, marble, and marbleized, 1; mineral and soda waters, 2; models and patterns, 1; musical instruments, organs and materials, 1; patent medicines and compounds, 1; pens, fountain, and stylographic, 1; perfumery and cosmetics, 1; pickles, preserves, and sauces, 2; rubber and elastic goods, 1; ship and boat building, wooden, 2; shirts, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 1; trunks and valises, 1; wirework, including wire rope and cable, 1; wood, turned and carved, 1.

CEDAR RAPIDS.

2,543	$1,193,715	442	$97,026	120	$23,080	$518,455	$43,800	$18,033	$408,458	$48,164	$8,969,992	$8,874,586	$95,406	$12,715,897	1
8	3,000					1,253	988	8	257		5,866	5,797	69	15,835	2
18	10,220					1,624	910	232	482		9,941	8,779	1,162	36,448	3
						536	528	5	3		2,437	2,380	57	7,700	4
61	30,974	61	9,140			11,279	1,356	1,328	7,234	1,361	229,762	224,772	4,990	395,237	5
20	9,415					635	200	200	235		4,591	755	3,836	23,000	6

TABLE 8.—MANUFACTURES IN CITIES

CEDAR RAPIDS—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
7	Carpentering	23	$118,760	$19,500	$14,425	$12,310	$72,525	28	4	$2,300	308	$131,246
8	Carpets, rag	3	3,545	2,000	1,000	440	105	3			5	1,650
9	Carriages and wagons	3	30,250	3,600	8,800	1,850	16,000	7			19	18,290
10	Clothing, men's, custom work and repairing.	8	28,216			2,810	25,406	9	1	936	57	19,793
11	Clothing, women's, dressmaking	3	3,095			595	2,500	3			15	3,270
12	Confectionery	3	45,400	6,000	400	5,700	33,300	3	10	8,800	39	14,170
13	Dyeing and cleaning	3	5,950		900	3,600	1,450	3			8	4,324
14	Flouring and grist mill products	4	73,500	13,500	10,000	32,000	18,000	4	5	5,290	19	10,985
15	Foundry and machine shop products	8	319,752	22,000	24,850	36,916	235,986	8	16	17,320	105	46,200
16	Furniture, cabinetmaking, repairing, and upholstering.	3	2,700		1,300	550	850	4			2	1,500
17	Furniture, factory product	5	100,413	12,000	18,876	21,750	47,787	4	13	12,840	123	38,545
18	Masonry, brick and stone	4	23,150	2,500	2,500	1,250	16,900	4	2	1,600	40	24,995
19	Millinery, custom work	8	20,575	1,000	2,500	2,075	15,000	11	4	1,092	46	12,419
20	Monuments and tombstones	5	33,250	5,000	4,750	1,100	22,400	5	13	4,360	11	6,825
21	Painting, house, sign, etc	5	43,030	12,000	6,000	2,080	22,950	8	5	2,530	33	17,440
22	Paving and paving materials	5	36,200	10,800	2,000	5,900	17,500	7	1	300	63	29,312
23	Photography	9	15,675	4,000	4,050	4,650	2,975	9			7	2,680
24	Plumbing, and gas and steam fitting	6	26,225	2,000	4,000	2,725	17,500	11	3	1,177	29	15,260
25	Printing and publishing, book and job	5	42,614			26,914	15,700	6	3	3,028	54	21,898
26	Printing and publishing, newspapers and periodicals.	10	144,270	10,000	16,000	60,154	58,116	7	41	40,847	105	46,106
27	Saddlery and harness	5	22,313	250	250	1,100	20,713	7	3	1,640	10	4,486
28	Tinsmithing, coppersmithing, and sheet-iron working.	13	105,425	26,200	17,300	14,625	47,300	19	4	3,000	53	30,684
29	Tobacco, cigars and cigarettes	9	11,032	1,000	1,500	660	7,872	11	1	200	22	9,694
30	Watch, clock, and jewelry repairing	9	27,725	7,750	4,450	5,825	9,700	12	1	900	14	7,325
31	All other industries [1]	40	4,794,741	272,425	1,133,156	1,115,148	2,274,012	38	184	162,758	1,750	731,975

[1] Embraces awnings, tents, and sails, 2; bookbinding and blank book making, 1; bottling, 1; boxes, fancy and paper, 1; brooms and brushes, 1; cars and general shop construction and repairs by steam railroad companies, 2; cheese, butter, and condensed milk, factory product, 2; cleansing and polishing preparations, 1; clothing, men's, factory product, 1; clothing, women's, factory product, 1; coffee and spice, roasting and grinding, 1; cutlery and edge tools, 1; electrical construction and repairs, 1; food preparations, 2; fruits and vegetables, canning and preserving, 1; fur goods, 1; furs, dressed, 1; gas, illuminating and heating, 1; hairwork, 1;

CLINTON.

1	All industries	224	$4,537,200	$488,115	$333,806	$777,119	$2,938,160	208	202	$232,612	3,080	$1,187,019
2	Bicycle and tricycle repairing	3	2,200			900	1,300	3			5	2,000
3	Blacksmithing and wheelwrighting	13	12,725	3,900	4,200	2,325	2,300	16			12	7,240
4	Boots and shoes, custom work and repairing.	16	4,510	550	1,100	1,635	1,225	16			4	1,300
5	Bread and other bakery products	9	57,602	2,814	17,000	13,224	24,564	9	6	7,941	42	13,731
6	Carpentering	7	12,750		100	3,125	9,525	7			89	34,750
7	Carriages and wagons	4	261,700	18,000	5,000	22,200	216,500	3	11	14,150	118	52,461
8	Clothing, men's, custom work and repairing.	12	36,178	4,000	8,300	2,472	21,406	13	2	1,800	56	18,215
9	Clothing, women's, dressmaking	6	8,500	500	2,000	1,200	4,800	6			69	12,846
10	Confectionery	3	7,600		200	4,300	3,100	3			9	3,640
11	Flouring and grist mill products	5	31,150	3,400	6,500	8,600	12,650	5	3	2,040	12	6,420
12	Foundry and machine shop products	5	81,910	10,300	12,000	36,610	23,000	6	5	4,500	42	16,155
13	Furniture, cabinetmaking, repairing, and upholstering.	3	3,700	500	1,800	500	900	3			1	400
14	Furniture, factory product	4	155,469	19,000	27,507	18,400	90,562	1	14	15,682	136	41,397
15	Lumber, planing mill products, including sash, doors, and blinds.	3	626,950	27,500	39,400	55,330	504,720	3	21	25,600	415	148,194
16	Masonry, brick and stone	5	5,095	4,000		1,095		5			20	8,935
17	Millinery, custom work	9	15,940	1,200	3,800	390	10,550	10	2	1,100	36	8,486
18	Monuments and tombstones	3	7,800	2,500	500	450	4,350	3			5	2,550
19	Painting, house, sign, etc	13	15,115	200	500	2,970	11,445	14			38	17,612
20	Photography	7	10,875		150	5,100	5,625	8			9	2,830
21	Plumbing, and gas and steam fitting	5	14,415	1,800		1,515	11,100	6	1	600	16	7,410
22	Printing and publishing, book and job	3	25,300	1,500	3,500	14,000	6,300	2	3	4,475	15	4,968
23	Printing and publishing, newspapers and periodicals.	8	109,050	3,650	7,100	46,101	52,199	5	19	19,448	89	31,176
24	Saddlery and harness	5	81,475	500	2,000	5,675	73,300	3	6	6,950	41	14,594
25	Tinsmithing, coppersmithing, and sheet-iron working.	12	33,000	5,900	8,775	5,550	12,775	9	1	540	31	15,779
26	Tobacco, cigars and cigarettes	12	24,775	2,200	4,000	875	17,700	12			30	11,990
27	Watch, clock, and jewelry repairing	8	8,620	300	750	2,400	5,170	5			10	5,210
28	All other industries [1]	41	2,882,796	373,901	177,624	520,177	1,811,094	32	108	127,786	1,730	646,730

[1] Embraces awnings, tents, and sails, 1; boxes, wooden packing, 2; brick and tile, 2; bridges, 1; brooms and brushes, 2; buttons, 2; cars and general shop construction and repairs by steam railroad companies, 1; cooperage, 1; dyeing and cleaning, 2; fur goods, 2; gas, illuminating and heating, 1; grease and tallow, 1; hair work, 1; hardware, 1; ironwork, architectural and ornamental, 1; kindling wood, 2; liquors, malt, 2; looking-glass and picture frames, 2; lumber and timber

BY SPECIFIED INDUSTRIES: 1900—Continued.

CEDAR RAPIDS—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
308	$131,246					$38,365	$2,322	$649	$1,844	$33,550	$435,959	$434,993	$966	$697,300	7
3	1,250	2	$400			311	118	33	160		979	914	65	4,600	8
19	18,290					822	240	142	440		14,680	14,190	490	48,390	9
55	19,443	1	200	1	$150	4,661	3,906	123	632		29,208	28,881	327	84,980	10
1	300	14	2,970			1,430	684	100	646		12,899	12,775	124	20,100	11
16	9,170	23	5,000			4,655	1,920	160	2,575		54,170	53,110	1,060	94,880	12
5	3,700	2	624			1,642	936	12	694		1,865	1,405	460	13,800	13
19	10,985					5,772	60	744	4,968		224,344	221,549	2,795	271,483	14
103	45,550	2	650			9,281	1,150	1,176	6,705	250	80,107	76,656	3,451	192,450	15
2	1,500					499	306	25	168		9,145	9,080	65	18,000	16
107	33,950	1	315	15	4,280	12,619	300	468	11,611	240	120,540	118,430	2,110	270,450	17
40	24,995					3,540	350	50	440	2,700	30,370	29,870	500	77,686	18
1	300	44	11,963	1	156	4,948	3,650	207	1,091		44,629	44,565	54	91,026	19
11	6,825					1,360	630	126	604		31,010	30,895	115	73,800	20
33	17,440					2,222	678	267	1,277		33,150	33,125	25	70,080	21
60	28,400	2	600	1	312	920	222	98	600		24,424	24,124	300	68,780	22
3	1,460	4	1,220			3,390	2,844	144	302	100	4,520	4,350	170	22,760	23
29	15,260					1,446	755	187	504		35,242	35,005	237	67,125	24
44	19,298	10	2,600			4,417	2,660	295	1,462		23,563	22,307	1,256	71,803	25
83	40,026	21	5,900	1	180	19,692	4,157	628	9,344	5,563	43,134	41,317	1,817	191,062	26
10	4,486					2,273	1,110	195	968		12,707	12,592	115	28,808	27
47	29,309	6	1,375			6,315	1,176	692	4,447		102,598	101,323	1,275	183,825	28
17	8,474	5	1,220			6,141	1,195	80	4,866		14,559	14,339	220	38,353	29
14	7,325					1,460	860	242	358		6,950	6,800	150	25,240	30
1,405	661,124	244	52,849	101	18,002	364,947	7,589	9,417	343,541	4,400	7,326,643	7,259,508	67,135	9,510,896	31

lime and cement, 1; liquors, malt, 1; lumber and timber products, 1; marble and stone work, 1; mattresses and spring beds, 1; mineral and soda waters, 2; oil, linseed, 1; patent medicines and compounds, 2; photographic materials, 1; pumps, not including steam pumps, 1; roofing and roofing materials, 1; slaughtering and meat packing, wholesale, 1; wirework, including wire rope and cable, 2; woodenware, not elsewhere specified, 1.

CLINTON.

2,738	$1,068,104	245	$51,608	97	$17,307	$370,141	$30,379	$49,552	$286,660	$3,550	$4,247,057	$4,194,957	$52,100	$6,939,473	1
5	2,000					670	500	5	165		3,275	3,260	15	8,400	2
12	7,240					1,273	845	108	320		7,142	6,580	562	26,980	3
4	1,300					1,058	937	28	93		8,664	8,500	164	13,028	4
20	10,007	21	3,674	1	50	13,067	973	230	11,864		83,317	81,084	2,233	155,295	5
89	34,750					769	99		670		89,620	89,400	220	140,420	6
112	51,480	5	781	1	200	36,474	780	602	35,092		142,930	138,550	4,380	318,940	7
41	14,630	15	3,585			3,145	1,930	170	1,045		31,435	30,885	550	73,350	8
		69	12,846			336	211	36	89		23,220	23,115	105	41,750	9
5	3,120	3	520			1,549	864	50	635		12,452	12,008	444	23,000	10
12	6,420					3,661	1,050	284	2,277	50	80,866	78,608	2,258	102,770	11
42	16,155					2,724	84	430	2,210		23,605	22,215	1,390	58,680	12
1	400					470	360	40	70		1,850	1,760	90	4,775	13
120	38,339	5	784	11	2,274	14,120	925	1,133	12,062		113,011	110,977	2,034	202,600	14
399	143,494			16	4,700	77,764	240	4,274	73,250		561,047	560,822	225	1,063,851	15
20	8,935					1,650	24	75	51	1,500	2,810	2,810		16,350	16
		36	8,486			3,167	1,996	143	1,028		28,867	28,672	195	55,050	17
5	2,550					298	98	50	150		11,270	11,230	40	18,310	18
38	17,612					1,326	884	21	421		16,789	16,729	60	54,490	19
2	1,280	7	1,550			1,887	1,220	36	631		5,865	5,655	210	19,100	20
16	7,410					1,799	924	140	735		22,455	22,385	70	40,000	21
10	4,188	4	580	1	200	1,022	194	185	643		7,327	6,820	507	21,820	22
57	24,486	14	5,350	18	1,340	9,375	1,471	405	7,499		21,508	20,181	1,327	95,496	23
39	14,194	2	400			6,046	1,795	293	3,958		42,125	41,885	240	85,172	24
30	15,695			1	84	1,372	754	162	456		34,347	33,850	497	69,785	25
22	10,730	3	585	5	675	6,131	1,041	182	4,908		17,308	17,078	230	45,425	26
10	5,210					831	603	53	175		5,330	5,295	35	18,700	27
1,626	626,479	61	12,467	43	7,784	178,157	9,577	40,417	126,163	2,000	2,853,622	2,819,603	34,019	4,165,936	28

products, 2; mineral and soda waters, 2; paper and wood pulp, 2; patent medicines and compounds, 1; paving and paving materials, 1; pickles, preserves, and sauces, 1; sewing machine repairing, 1; ship and boat building, wooden, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 1; wirework, including wire rope and cable, 1.

TABLE 8.—MANUFACTURES IN CITIES

COUNCIL BLUFFS.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	198	$1,176,408	$118,838	$188,162	$378,428	$490,980	213	126	$110,013	1,179	$609,905
2	Bicycle and tricycle repairing	4	2,850		150	1,175	1,525	3	1	270	5	2,800
3	Blacksmithing and wheelwrighting	18	9,520	1,100	3,000	2,900	2,520	21			13	7,050
4	Boots and shoes, custom work and repairing.	14	3,440		525	1,790	1,125	11			5	2,795
5	Bread and other bakery products	8	20,900	8,000	7,000	3,150	2,750	9	1	300	15	7,820
6	Brick and tile	6	70,650	10,400	23,000	8,250	29,000	5			42	21,500
7	Carpentering	11	25,800	5,150	5,050	9,300	6,300	20			75	38,975
8	Carriages and wagons	3	109,582	7,500	22,500	9,075	70,507	5	4	2,073	54	31,896
9	Cars and general shop construction and repairs by steam railroad companies.	3	47,049	6,700	13,050	9,360	17,939		8	7,050	250	149,699
10	Clothing, men's, custom work and repairing.	11	14,475		450	1,500	12,525	13			26	13,050
11	Dyeing and cleaning	3	11,600	4,400	5,000	1,150	1,050	5	6	2,800	10	8,050
12	Millinery, custom work	8	19,700	4,000	3,000	400	12,300	7	1	400	22	9,790
13	Monuments and tombstones	3	13,100		200	700	12,200	5			10	8,350
14	Painting, house, sign, etc	9	14,350	4,000	2,000	1,480	6,870	9	1	500	25	13,424
15	Photography	6	3,070		150	2,000	920	6			3	1,350
16	Plumbing, and gas and steam fitting	4	22,750			3,900	18,850	4	4	3,600	29	15,400
17	Printing and publishing, book and job	4	10,950			9,100	1,850	5			11	4,854
18	Printing and publishing, newspapers and periodicals.	3	76,250	10,500	6,000	39,400	20,350	1	13	9,600	51	22,660
19	Saddlery and harness	5	12,500	2,000	3,000	1,200	6,300	8			10	5,460
20	Tinsmithing, coppersmithing, and sheet-iron working.	9	21,175	8,000	4,000	4,225	4,950	5	8	10,000	34	16,181
21	Tobacco, cigars and cigarettes	15	15,090	1,500	900	915	11,775	17			38	16,015
22	Watch, clock, and jewelry repairing	5	4,200	400	400	2,750	650	3			4	2,790
23	All other industries [1]	46	647,407	45,188	88,787	264,708	248,724	49	79	73,420	446	215,086

[1] Embraces agricultural implements, 1; awnings, tents, and sails, 1; axle grease, 1; baskets, and rattan and willow ware, 1; bookbinding and blank book making, 1; bottling, 1; bridges, 1; carpets, rag, 1; carriage and wagon materials, 1; cheese, butter, and condensed milk, factory product, 1; clothing, men's, factory product, 1; clothing, women's, dressmaking, 2; confectionery, 2; cooperage, 2; flouring and grist mill products, 2; food preparations, 1; foundry and machine shop products, 2; furniture, cabinetmaking, repairing, and upholstering, 2; furs, dressed, 1; gas, illuminating and heating, 1; lamps and reflectors, 2; looking-glass and

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1	All industries	416	$10,774,707	$1,862,998	$2,157,409	$2,921,106	$3,833,194	456	458	$455,082	4,348	$1,892,737
2	Bicycle and tricycle repairing	6	3,700			2,300	1,400	7			10	4,800
3	Blacksmithing and wheelwrighting	24	21,714	5,350	4,700	4,140	7,524	27			31	17,216
4	Bookbinding and blank book making	3	4,600			3,200	1,400	5			8	2,435
5	Boots and shoes, custom work and repairing.	17	5,190	1,200	1,700	1,245	1,045	20			8	3,206
6	Bread and other bakery products	15	315,222	8,500	25,400	175,489	105,833	16	26	19,076	147	58,682
7	Brick and tile	4	26,900	4,000	7,700	5,400	9,800	5	1	800	24	10,785
8	Brooms and brushes	3	18,875	50	350	2,275	16,200	2	9	9,747	45	13,829
9	Buttons	5	69,484	4,000	6,128	17,567	41,789	4	7	5,121	235	74,785
10	Carpentering	34	71,606	10,955	7,795	16,446	36,410	42			190	102,937
11	Carpets, rag	5	10,730	1,400	1,500	6,700	1,130	5	2	1,800	17	5,468
12	Carriages and wagons	10	595,589	700	32,450	290,303	272,136	16	15	14,810	150	77,813
13	Clothing, men's, custom work and repairing.	19	19,760	2,750	600	2,035	14,375	24			85	37,580
14	Clothing, women's, dressmaking	13	7,675	600	2,500	1,675	2,900	18			46	11,746
15	Confectionery	3	3,500			2,625	875	3	2	600	7	2,650
16	Cooperage	4	34,500	4,200	8,700	4,800	16,800	4	2	1,460	32	10,836
17	Electrical construction and repairs	3	12,140			840	11,300	3	5	3,850	18	7,115
18	Flouring and grist mill products	5	184,800	17,600	52,800	58,000	56,400	4	11	10,568	24	13,427
19	Foundry and machine shop products	11	632,970	68,675	75,100	159,031	330,164	7	45	48,607	494	205,046
20	Furniture, cabinetmaking, repairing, and upholstering.	7	8,353			1,658	6,695	5	3	800	15	8,786
21	Lock and gun smithing	3	2,050			1,600	450	3			2	1,224
22	Lumber, planing mill products, including sash, doors, and blinds.	8	94,882	3,000	9,220	11,850	70,812	2	8	8,300	74	39,297
23	Masonry, brick and stone	10	115,020	10,737	1,500	6,405	96,378	13	5	9,780	188	75,615
24	Millinery, custom work	10	18,160	1,000	900	260	16,000	12	3	1,400	53	14,695
25	Monuments and tombstones	4	32,715			3,265	29,450	6	3	2,000	28	12,550
26	Painting, house, sign, etc	19	12,355	2,660	5,515	1,670	2,510	20			44	23,120
27	Paper hanging	5	1,350	10	190	300	850	7	6	2,000	33	17,500
28	Photography	8	7,525			4,450	3,075	9			14	8,125
29	Plastering and stuccowork	5	3,780			280	3,500	9			20	11,167
30	Plumbing, and gas and steam fitting	10	32,168	1,700	4,300	4,820	21,348	14	4	1,905	53	26,122
31	Printing and publishing, book and job	11	104,828	4,000	12,000	51,661	37,167	16	12	42,508	87	39,376
32	Printing and publishing, newspapers and periodicals.	7	129,050	3,000	4,500	60,050	61,500	5	37	28,498	97	59,411
33	Saddlery and harness	9	42,130	8,050	12,400	2,480	19,200	9	3	1,072	39	18,810
34	Slaughtering and meat packing, wholesale.	3	227,750	25,000	75,000	20,000	107,750	1	9	6,700	48	24,634

BY SPECIFIED INDUSTRIES: 1900—Continued.

COUNCIL BLUFFS.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
1,034	$578,270	121	$27,865	24	$3,770	$160,871	$26,780	$8,129	$125,962	------	$1,224,814	$1,188,049	$36,765	$2,596,830	1
6	2,800	------	------	------	------	653	465	15	173	------	1,783	1,743	40	7,200	2
12	6,900	------	------	1	150	1,899	1,501	125	273	------	12,912	12,245	667	38,285	3
5	2,795	------	------	------	------	1,098	876	37	185	------	5,185	5,080	105	16,551	4
13	7,150	------	------	2	670	2,825	1,470	375	980	------	35,180	33,300	1,880	56,700	5
42	21,500	------	------	------	------	1,431	175	340	916	------	12,856	686	12,170	49,200	6
75	38,975	------	------	------	------	975	260	246	469	------	80,200	80,165	35	153,600	7
49	30,396	5	1,500	------	------	5,244	180	354	4,710	------	74,456	73,206	1,250	155,300	8
250	149,699	------	------	------	------	4,546	------	519	4,027	------	78,743	72,819	5,924	240,038	9
26	13,050	------	------	------	------	2,662	2,162	57	443	------	18,908	18,627	281	49,920	10
5	2,200	5	850	------	------	5,070	120	145	4,805	------	1,345	805	540	20,000	11
------	------	22	9,790	------	------	2,255	1,560	310	385	------	25,520	25,425	95	50,835	12
10	8,350	------	------	------	------	7,009	852	257	5,900	------	28,130	28,110	20	50,000	13
25	13,424	------	------	------	------	1,503	592	125	786	------	11,855	11,725	130	37,500	14
2	1,200	1	150	------	------	1,965	1,160	25	780	------	2,443	2,423	20	13,550	15
29	15,400	------	------	------	------	2,843	1,440	196	1,207	------	54,480	54,345	135	100,000	16
10	4,674	------	------	1	180	1,226	531	52	643	------	4,240	3,984	256	15,560	17
44	21,200	2	710	5	750	3,875	168	162	3,545	------	16,344	15,384	960	83,810	18
10	5,460	------	------	------	------	1,135	715	155	265	------	15,730	15,600	130	28,425	19
33	16,081	------	------	1	100	4,461	1,296	205	2,960	------	26,167	25,685	482	78,850	20
30	14,770	------	------	8	1,245	9,413	1,975	113	7,325	------	20,692	20,638	54	60,022	21
4	2,700	------	------	------	------	900	810	15	75	------	1,567	1,557	10	8,230	22
354	199,546	86	14,865	5	675	97,883	8,472	4,301	85,110	------	696,078	684,497	11,581	1,283,254	23

picture frames, 2; lumber, planing mill products, including sash, doors, and blinds, 2; malt, 1; masonry, brick and stone, 2; mineral and soda waters, 1; paper hanging, 1; patent medicines and compounds, 2; roofing and roofing materials, 1; rubber and elastic goods, 1; scales and balances, 1; soap and candles, 1; sugar and molasses, refining, 1; toys and games, 1; wirework, including wire rope and cable, 1.

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3,330	$1,657,089	350	$212,665	159	$22,983	$855,397	$76,598	$44,681	$650,735	$83,383	$6,854,677	$6,665,896	$188,781	$11,573,670	1
10	4,800	------	------	------	------	1,685	1,140	------	495	50	7,687	7,632	55	19,500	2
31	17,216	------	------	------	------	3,654	2,963	285	374	32	22,702	21,375	1,327	71,661	3
3	1,560	4	770	1	105	822	410	27	195	190	3,371	3,305	66	10,300	4
6	2,886	------	------	2	320	1,505	1,391	46	68	------	6,038	5,873	165	18,558	5
83	42,092	64	16,590	------	------	22,189	3,581	705	17,903	------	244,249	238,116	6,133	463,506	6
22	10,485	------	------	2	300	1,952	500	121	1,331	------	4,505	189	4,316	19,416	7
22	10,000	7	1,276	16	2,553	2,180	972	53	1,155	------	20,124	19,779	345	53,250	8
83	45,457	125	26,180	27	3,148	11,954	100	247	11,607	------	19,844	18,116	1,728	117,459	9
190	102,937	------	------	------	------	64,542	1,210	286	2,390	60,656	209,831	208,457	1,374	433,229	10
17	5,468	------	------	------	------	1,029	529	43	457	------	1,816	1,424	392	12,901	11
147	76,713	------	------	3	1,100	63,951	6,152	3,522	53,952	325	229,648	223,146	6,502	408,288	12
61	31,305	24	6,275	------	------	6,839	4,926	187	1,326	400	40,459	40,176	283	104,885	13
12	6,000	34	5,746	------	------	2,269	1,732	76	461	------	5,249	5,110	139	35,905	14
5	2,200	2	450	------	------	1,885	1,450	23	412	------	9,368	9,283	85	19,100	15
32	10,836	------	------	------	------	1,171	320	311	540	------	20,722	20,492	230	36,902	16
18	7,115	------	------	------	------	1,040	750	110	180	------	51,455	51,355	100	77,010	17
24	13,427	------	------	------	------	6,650	240	1,350	5,060	------	283,872	277,884	5,988	327,766	18
436	196,793	6	960	52	7,293	45,865	1,477	3,000	40,848	540	597,610	578,421	19,189	1,008,837	19
12	8,070	2	560	1	156	2,208	1,675	70	463	------	9,927	9,909	18	30,047	20
2	1,224	------	------	------	------	449	444	------	5	------	619	320	299	3,790	21
69	37,947	------	------	5	1,350	5,545	2,910	1,080	1,555	------	105,172	103,992	1,180	170,750	22
188	75,615	------	------	------	------	8,900	50	200	2,790	5,860	129,777	129,777	------	239,931	23
1	600	49	13,745	3	350	6,447	4,910	192	1,345	------	53,320	53,230	90	92,960	24
28	12,550	------	------	------	------	2,219	1,388	300	531	------	50,675	50,355	320	74,826	25
43	23,020	------	------	1	100	1,532	857	93	582	------	13,805	13,790	15	53,805	26
33	17,500	------	------	------	------	2,132	1,895	87	150	------	20,320	20,320	------	50,850	27
8	5,189	6	2,936	------	------	2,624	2,380	20	224	------	8,128	8,032	96	30,350	28
20	11,167	------	------	------	------	4,175	------	------	------	4,175	13,755	13,705	50	35,026	29
52	25,972	------	------	1	150	5,091	1,846	190	2,980	75	72,226	72,073	153	125,628	30
71	35,707	15	3,439	1	230	11,654	2,607	730	7,817	500	40,683	39,116	1,567	133,573	31
88	56,782	4	2,025	5	604	21,783	3,240	556	13,287	4,700	28,898	25,646	3,252	157,745	32
39	18,810	------	------	------	------	4,019	1,611	386	2,022	------	39,724	39,414	310	77,967	33
63	24,634	------	------	------	------	12,650	800	1,710	10,140	------	543,484	540,284	3,200	375,810	34

TABLE 8.—MANUFACTURES IN CITIES

DAVENPORT—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
35	Tinsmithing, coppersmithing, and sheet-iron working.	16	$44,111	$8,500	$9,880	$8,388	$17,343	21	4	$2,818	39	$21,541
36	Tobacco, cigars and cigarettes	32	305,595	4,670	8,055	16,065	276,805	37	37	58,359	389	142,891
37	Watch, clock, and jewelry repairing	11	8,910	1,000	3,000	2,450	2,460	12			10	5,520
38	All other industries[1]	58	7,545,020	1,659,691	1,783,526	1,969,383	2,132,420	45	199	202,503	1,529	681,997

[1] Embraces agricultural implements, 1; awnings, tents, and sails, 2; baking and yeast powders, 1; boots and shoes, factory product, 2; boxes, cigar, 2; boxes, fancy and paper, 2; boxes, wooden packing, 1; cars and general shop construction and repairs by steam railroad companies, 1; cars and general shop construction and repairs by street railroad companies, 1; clothing, men's, factory product, 2; coffee and spice, roasting and grinding, 2; cordage and twine, 1; dyeing and cleaning, 1; flavoring extracts, 1; food preparations, 1; fruits and vegetables, canning and preserving, 1; fur goods, 1; furniture, factory product, 1; gas and lamp fixtures, 1; gas, illuminating and heating, 1; glucose, 1; ice, manufactured, 1; ironwork, architectural and ornamental, 1; jewelry, 1; liquors, malt, 2; looking-glass

DES MOINES.

1	All industries	494	$7,911,764	$568,677	$887,160	$2,348,422	$4,107,505	515	730	$596,750	4,557	$1,942,509
2	Bicycle and tricycle repairing	10	11,775			4,375	7,400	12			24	9,518
3	Blacksmithing and wheelwrighting	42	44,598	14,100	6,175	7,455	16,868	59	1	180	38	20,233
4	Boots and shoes, custom work and repairing.	25	5,434	300	625	3,135	1,374	25			8	3,842
5	Bread and other bakery products	17	130,473	29,500	37,250	32,125	31,598	20	26	16,213	90	41,935
6	Brick and tile	14	503,401	62,140	194,892	117,481	128,888	10	21	21,440	256	106,349
7	Carpentering	15	57,638	6,250	3,900	10,125	37,363	20	15	4,960	222	85,843
8	Carpets, rag	3	3,760	600	900	1,150	1,110	4	1	750	28	8,760
9	Carriages and wagons	6	208,281	11,500	16,000	12,582	168,199	2	20	18,688	129	57,724
10	Cars and general shop construction and repairs by steam railroad companies.	3	70,700	31,000	20,700	13,000	6,000		5	4,645	99	51,021
11	Clothing, men's, custom work and repairing.	35	52,481	1,800	2,100	7,385	41,196	36	6	5,088	160	84,088
12	Clothing, women's, dressmaking	5	2,800			1,750	1,050	6			30	8,200
13	Confectionery	7	53,725	1,000	6,500	7,550	38,675	6	10	8,850	86	18,931
14	Druggists' preparations, not including prescriptions.	3	16,200			2,000	14,200		7	6,060	8	2,656
15	Dyeing and cleaning	7	9,725	1,900	3,100	2,475	2,250	9	3	2,150	14	5,320
16	Flouring and grist mill products	6	130,165	14,650	14,300	16,315	84,900	7	11	10,300	27	13,710
17	Food preparations	3	2,500	100	200	750	1,450	3	1	180	2	890
18	Foundry and machine shop products	12	376,600	31,630	80,350	132,750	131,870	15	34	29,932	184	97,918
19	Furniture, factory product	3	161,810	10,000	15,000	16,450	120,360	1	11	12,565	107	47,443
20	Lock and gun smithing	5	1,300			575	725	5			1	300
21	Lumber and timber products	3	33,300	100	1,200	6,200	25,800	4	2	1,212	31	12,335
22	Lumber, planing mill products, including sash, doors, and blinds.	4	122,110	18,500	21,000	19,500	63,110	2	5	4,952	99	49,818
23	Marble and stone work	3	13,700	2,800	4,800	2,000	4,100	4			13	8,467
24	Masonry, brick and stone	5	22,400	3,100	2,400	2,900	14,000	7	3	850	81	37,423
25	Millinery, custom work	12	59,450	4,000	8,000	1,350	46,100	12	21	6,304	112	32,534
26	Monuments and tombstones	5	106,279	3,000	6,000	4,225	93,054	2	5	3,244	21	12,079
27	Painting, house, sign, etc	13	34,060	1,500	1,500	4,335	26,725	17	15	9,821	98	45,545
28	Patent medicines and compounds	8	415,327	18,266	1,000	21,490	374,571	11	82	57,631	109	31,886
29	Photography	13	7,615	310	725	6,100	480	14			16	7,009
30	Plumbing, and gas and steam fitting	15	58,963		3,200	5,718	50,045	22	3	5,926	126	70,384
31	Printing and publishing, book and job.	22	313,060	15,000	15,000	181,656	101,404	19	40	36,164	357	155,160
32	Printing and publishing, newspapers and periodicals.	22	421,350	18,000	40,500	187,450	175,400	19	133	105,499	279	135,502
33	Roofing and roofing materials	3	8,700		800	2,500	5,400	4	1	390	23	6,106
34	Saddlery and harness	14	109,095		25	9,395	99,675	14	24	8,570	91	30,826
35	Scales and balances	4	62,742	2,000	3,000	13,800	43,942		1	400	35	17,954
36	Tinsmithing, coppersmithing, and sheet-iron working.	18	40,816	200	9,100	20,246	11,270	19	4	2,350	46	19,486
37	Tobacco, cigars and cigarettes	14	114,896	7,500	3,800	3,565	100,031	14	16	13,300	146	67,380
38	Watch, clock, and jewelry repairing	18	17,225	500	500	7,625	8,600	19			21	9,844
39	All other industries[1]	77	4,107,310	257,431	362,618	1,458,939	2,028,322	72	203	198,136	1,340	528,090

[1] Embraces agricultural implements, 1; artificial limbs, 1; awnings, tents, and sails, 1; axle grease, 1; baking and yeast powders, 1; bicycles and tricycles, 1; boxes, fancy and paper, 1; brass castings and brass finishing, 1; brassware, 1; brooms and brushes, 2; cars and general shop construction and repairs by street railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; cleansing and polishing preparations, 1; clothing, men's, factory product, 2; coffee and spice, roasting and grinding, 1; cooperage, 2; electrical apparatus and supplies, 1; electrical construction and repairs, 1; electroplating, 1; flavoring extracts, 2; fur goods, 2; furnishing goods, men's, 2; furniture, cabinetmaking, repairing, and upholstering, 1; furs, dressed, 1; gas and lamp fixtures, 1; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; gloves and mittens, 1; hairwork, 1; hand stamps, 1; hats and caps, not including fur hats and wool hats, 1;

DUBUQUE.

1	All industries	460	$8,117,358	$855,053	$1,262,088	$1,231,064	$4,769,153	526	579	$455,306	5,503	$2,012,153
2	Awnings, tents, and sails	3	7,335	2,500	50	560	4,225	3	1	624	8	875
3	Bicycle and tricycle repairing	3	4,600			1,700	2,900	4			2	400
4	Blacksmithing and wheelwrighting	12	15,346	5,336	1,200	2,175	6,635	17			13	7,985
5	Boots and shoes, custom work and repairing.	26	11,049	2,750	2,750	2,960	2,589	29			11	5,065
6	Boots and shoes, factory product	3	140,274		7,000	27,702	105,572	4	18	13,334	159	46,141

BY SPECIFIED INDUSTRIES: 1900—Continued.

DAVENPORT—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
38	$21,386	1	$155	------	------	$3,561	$1,823	$159	$1,579	------	$39,187	$38,649	$538	$84,876	35
147	72,854	226	68,215	16	$1,822	90,697	4,526	1,720	84,451	------	161,647	160,690	957	515,580	36
9	5,370	------	------	1	150	2,439	1,520	125	294	$500	6,455	6,100	355	22,895	37
1,217	615,402	290	63,843	22	3,252	426,090	12,273	26,671	381,766	5,380	3,738,325	3,610,361	127,964	5,758,788	38

and picture frames, 2; lumber and timber products, 2; malt, 1; mineral and soda waters, 2; mirrors, 1; musical instruments and materials, not specified, 1; paints, 1; paving and paving materials, 2; perfumery and cosmetics, 1; pickles, preserves, and sauces, 2; plumbers' supplies, 1; show cases, 1; slaughtering, wholesale, not including meat packing, 1; soap and candles, 1; tobacco, chewing, smoking, and snuff, 1; trunks and valises, 1; vinegar and cider, 1; washing machines and clothes wringers, 2; wood, turned and carved, 1; woolen goods, 1.

DES MOINES.

3,640	$1,727,094	817	$198,522	100	$16,893	$894,691	$133,185	$42,041	$612,354	$107,111	$4,975,568	$4,805,477	$170,091	$10,488,189	1
21	9,080	------	------	3	438	4,400	2,309	115	1,676	300	8,209	7,649	560	25,642	2
34	19,631	------	------	4	602	6,009	5,294	405	310	------	26,509	24,548	1,961	98,730	3
8	3,842	------	------	------	------	2,839	2,629	49	41	120	8,903	8,788	115	26,595	4
61	35,142	23	4,463	6	2,330	9,868	4,376	1,204	4,288	------	176,530	172,114	4,416	332,795	5
253	105,753	1	360	2	236	20,712	2,640	1,525	13,767	2,780	69,940	6,920	63,020	302,566	6
220	85,477	------	------	2	366	82,887	2,472	565	11,650	68,200	234,031	233,450	581	566,108	7
16	6,360	9	2,010	3	450	713	540	41	132	------	2,835	2,615	220	15,600	8
121	55,366	8	2,358	------	------	20,795	4,185	1,126	15,484	------	146,631	143,968	2,663	288,984	9
94	49,371	------	------	5	1,650	896	------	------	896	------	49,647	48,727	920	106,209	10
110	68,912	47	14,664	3	512	23,611	11,329	420	6,495	5,367	121,429	120,490	939	292,772	11
2	1,600	28	6,600	------	------	1,524	1,332	12	180	------	9,660	9,600	60	29,730	12
42	12,717	44	6,214	------	------	4,941	2,855	399	1,687	------	59,555	57,629	1,926	111,850	13
5	1,980	3	676	------	------	6,922	470	35	6,417	------	12,836	12,766	70	36,550	14
8	3,922	5	1,322	1	76	2,878	1,896	103	879	------	2,687	2,327	360	20,720	15
26	13,210	1	500	------	------	7,776	420	751	6,605	------	379,777	375,122	4,655	469,467	16
1	680	1	210	------	------	1,034	329	5	700	------	1,870	1,855	15	5,400	17
183	97,743	------	------	1	175	18,316	2,226	2,863	13,027	200	244,954	238,859	6,095	439,872	18
98	44,546	9	2,897	------	------	24,078	5,192	861	18,025	------	225,026	224,196	830	338,759	19
1	300	------	------	------	------	722	672	13	37	------	1,749	1,680	69	4,805	20
31	12,335	------	------	------	------	540	210	45	285	------	68,660	68,660	------	109,925	21
99	49,818	------	------	------	------	2,719	950	660	1,109	------	64,953	63,241	1,712	144,171	22
13	8,467	------	------	------	------	400	5	175	220	------	9,419	9,239	180	26,745	23
81	37,423	------	------	------	------	5,053	276	155	722	3,900	57,036	57,036	------	117,500	24
------	------	112	32,534	------	------	11,107	5,969	903	4,235	------	95,442	95,287	155	199,612	25
21	12,079	------	------	------	------	8,405	2,496	572	5,337	------	25,985	25,364	621	81,459	26
97	45,445	------	------	1	100	7,812	4,335	258	3,219	------	41,099	41,019	80	129,290	27
43	17,776	66	14,110	------	------	159,831	2,662	452	156,717	------	132,287	130,656	1,631	652,444	28
9	4,382	7	2,627	------	------	4,712	3,211	86	1,312	103	12,341	12,270	71	41,000	29
124	69,868	2	516	------	------	7,678	4,482	388	2,808	------	96,129	95,218	911	250,216	30
296	133,527	56	20,958	5	675	27,516	11,826	1,965	13,344	381	170,413	164,748	5,665	463,934	31
231	124,965	25	6,278	23	4,259	91,311	9,103	2,468	66,463	13,277	158,942	152,700	6,242	690,130	32
22	5,950	1	156	------	------	1,596	625	21	950	------	14,070	14,050	20	31,515	33
91	30,826	------	------	------	------	7,154	5,122	395	1,112	525	129,962	129,307	655	199,000	34
35	17,954	------	------	------	------	3,355	1,615	482	1,258	------	20,058	18,884	1,174	51,964	35
45	19,330	1	156	------	------	3,924	2,572	211	1,141	------	51,104	50,517	587	140,059	36
111	57,811	26	8,225	9	1,344	28,386	4,084	998	23,304	------	57,829	57,528	301	190,247	37
18	9,580	------	------	3	264	5,116	3,456	328	462	870	8,719	8,519	200	43,752	38
969	453,986	342	70,688	29	3,416	277,155	19,020	20,987	226,060	11,088	1,978,342	1,917,931	60,411	3,412,072	39

hosiery and knit goods, 2; ice, manufactured, 1; ironwork, architectural and ornamental, 2; looking-glass and picture frames, 1; mineral and soda waters, 2; models and patterns, 1; oil, linseed, 1; oysters, canning and preserving, 1; paper hanging, 1; paper hangings, 1; perfumery and cosmetics, 2; pickles, preserves, and sauces, 1; plastering and stuccowork, 1; pottery, terra cotta, and fire-clay products, 1; sewing machine repairing, 1; shirts, 1; show cases, 2; slaughtering, wholesale, not including meat packing, 2; soap and candles, 2; starch, 1; steam fittings and heating apparatus, 2; stereotyping and electrotyping, 2; surgical appliances, 1; trunks and valises, 2; typewriters and supplies, 1; windmills, 2; wirework, including wire rope and cable, 2; woolen goods, 1.

DUBUQUE.

4,242	$1.785,760	1,150	$208,829	111	$17,564	$1,028,245	$86,627	$53,043	$775,227	$113,348	$5,930,017	$5,836,084	$93,933	$10,952,204	1
2	600	1	275	------	------	1,053	230	62	761	------	4,162	4,162	------	14,300	2
2	400	------	------	------	------	774	600	24	150	------	3,165	2,990	175	6,746	3
13	7,985	------	------	------	------	1,649	1,358	105	186	------	8,568	7,998	570	31,437	4
11	5,065	------	------	------	------	1,392	1,268	35	89	------	8,724	8,589	135	24,458	5
83	31,336	62	11,438	14	3,367	7,762	1,610	664	5,488	------	120,200	118,919	1,281	208,634	6

TABLE 8.—MANUFACTURES IN CITIES

DUBUQUE—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
7	Bread and other bakery products	13	$143,002	$17,200	$19,800	$72,513	$33,489	13	24	$15,093	72	$28,977
8	Brick and tile	6	51,831	23,815	8,800	6,856	12,360	8			41	19,507
9	Carpentering	46	48,289	8,310	6,552	7,038	26,389	55	1	720	167	81,970
10	Carpets, rag	3	1,318			750	568	4			5	1,450
11	Carriages and wagons	8	711,725	94,700	53,100	9,825	554,100	13	46	13,900	361	107,876
12	Clothing, men's, custom work and repairing.	20	43,391	2,000	2,000	2,520	36,871	26	2	3,000	72	28,439
13	Clothing, men's, factory product	4	267,964			30,245	237,719	2	91	59,230	683	139,346
14	Clothing, women's, dressmaking	29	6,732	30	300	2,054	4,348	32			108	15,555
15	Confectionery	6	80,420	10,000	10,000	18,300	42,120	5	15	17,176	69	15,840
16	Cooperage	5	26,395	4,100	5,500	8,595	8,200	4	1	1,200	36	13,678
17	Foundry and machine shop products	9	312,188	30,000	47,582	87,881	146,725	6	22	15,570	144	62,858
18	Furniture, cabinetmaking, repairing, and upholstering.	5	6,675			375	6,300	7			6	2,584
19	Furniture, factory product	4	105,501	18,075	24,437	20,602	42,387	1	10	6,770	130	43,543
20	Liquors, malt	3	951,710	48,000	454,000	109,000	340,710	1	21	38,800	121	62,000
21	Lock and gun smithing	3	2,025	500	500	600	425	3			1	500
22	Looking-glass and picture frames	5	4,395			570	3,825	4	1	250	7	2,000
23	Lumber and timber products	3	1,136,084	267,348	20,500	45,907	802,329		29	31,768	302	106,146
24	Lumber, planing mill products, including sash, doors, and blinds.	7	1,324,323	81,000	122,007	98,722	1,022,594	8	55	59,890	720	287,516
25	Marble and stone work	4	10,250		500	5,550	4,200	7			12	11,734
26	Masonry, brick and stone	27	18,607	840	25	6,594	11,148	38			113	50,017
27	Millinery, custom work	11	26,045	3,000	5,500	520	17,025	14			36	6,434
28	Mineral and soda waters	3	8,700	1,600	1,700	3,300	2,100	4	1	468	7	3,520
29	Monuments and tombstones	3	18,215	1,500	500	637	15,578	4	2	2,100	7	3,783
30	Painting, house, sign, etc	30	18,708	400	515	5,265	12,528	33	2	620	106	41,613
31	Paving and paving materials	4	3,725			1,300	2,425	8			21	10,164
32	Photography	5	10,090			8,050	2,040	5			7	2,425
33	Plastering and stuccowork	9	2,190			750	1,440	9			20	9,204
34	Plumbing, and gas and steam fitting	13	56,315	5,000	1,000	4,300	46,015	19	5	1,684	54	33,020
35	Printing and publishing, book and job	5	44,883	3,000	7,000	21,900	12,983	8	5	3,280	46	21,906
36	Printing and publishing, newspapers and periodicals.	9	97,439	800	2,200	60,187	34,252	8	50	27,894	108	64,316
37	Roofing and roofing materials	3	10,150			1,950	8,200	3	2	1,200	34	7,600
38	Saddlery and harness	9	71,242	12,500	10,500	9,390	38,852	12	8	3,124	51	14,364
39	Sausage	4	18,300	5,000	6,600	2,600	4,100	6			13	6,500
40	Slaughtering and meat packing, wholesale.	4	139,200	21,000	61,200	13,000	44,000	2	7	5,170	61	22,790
41	Tinsmithing, coppersmithing, and sheet-iron working.	11	63,570	8,300	8,900	10,245	36,125	16			40	19,687
42	Tobacco, cigars and cigarettes	15	85,607	3,400	3,800	3,825	74,582	18	4	3,048	149	30,772
43	Watch, clock, and jewelry repairing	9	16,225	3,250	1,550	6,250	5,175	9	2	675	15	7,565
44	Window shades	3	3,150	500	500	250	1,900	2			2	1,024
45	All other industries[1]	53	1,992,175	169,299	364,020	507,751	951,105	54	154	128,718	1,368	563,464

[1] Embraces bookbinding and blank book making, 1; bottling, 2; boxes, cigar, 1; boxes, fancy and paper, 2; boxes, wooden packing, 1; brass castings and brass finishing, 1; brooms and brushes, 2; buttons, 1; carriage and wagon materials, 2; cars and general shop construction and repairs by steam railroad companies, 2; coffee and spice, roasting and grinding, 2; coffins, burial cases, and undertakers' goods, 2; dentists' materials, 2; dyeing and cleaning, 2; flouring and grist mill products, 1; fur goods, 2; furs, dressed, 1; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; gloves and mittens, 1; hairwork, 1; hand

SIOUX CITY.

1	All industries	329	$5,691,644	$502,323	$1,108,779	$1,416,046	$2,664,496	376	322	$295,157	3,104	$1,485,066
2	Awnings, tents, and sails	3	14,285	5,000	2,500	1,685	5,100	3	2	2,845	7	1,822
3	Blacksmithing and wheelwrighting	20	18,015	4,965	2,505	3,760	6,785	22			13	6,954
4	Boots and shoes, custom work and repairing.	14	5,533		656	2,675	2,202	18			7	3,983
5	Bread and other bakery products	8	270,757	8,000	4,000	181,145	77,612	8	29	26,061	127	46,424
6	Brick and tile	6	377,252	175,886	109,690	41,082	50,594	4	9	7,950	83	46,346
7	Carpentering	15	20,920	8,650	3,475	3,800	4,995	19			81	46,847
8	Carriages and wagons	10	71,064	40,000	14,600	4,939	11,525	17			33	19,310
9	Clothing, men's, custom work and repairing.	20	44,587			5,458	39,129	27	3	2,320	81	43,891
10	Clothing, women's, dressmaking	20	10,969	500	1,500	3,230	5,739	24			65	12,653
11	Confectionery	5	45,892	8,000	16,000	4,327	17,565	5	3	1,370	55	16,211
12	Electrical construction and repairs	3	19,670			2,800	16,870	1	3	2,550	9	5,510
13	Flouring and grist mill products	5	220,979	13,200	35,600	59,600	112,579	6	16	15,328	53	21,053
14	Foundry and machine shop products	10	59,805	250	1,996	22,495	35,064	11	13	10,616	105	42,478
15	Furniture, cabinetmaking, repairing, and upholstering.	4	12,875	7,000	3,000	600	2,275	7			6	3,284
16	Grease and tallow	3	12,447	2,750	3,950	2,800	2,947	4	5	1,530	7	2,504
17	Ironwork, architectural and ornamental	3	11,267		500	4,200	6,567	4	1	720	22	9,188
18	Lock and gun smithing	4	4,750			3,000	1,750	5			7	3,700
19	Looking-glass and picture frames	3	3,540			1,140	2,400	3	4	2,340	11	4,668
20	Masonry, brick and stone	6	23,305	1,000	1,610	6,445	14,250	9	2	352	49	24,364
21	Millinery, custom work	9	32,100	5,000	4,000	3,355	19,745	13	8	2,685	42	11,465

BY SPECIFIED INDUSTRIES: 1900—Continued.

DUBUQUE—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
50	$24,928	17	$3,143	5	$906	$8,476	$4,376	$1,119	$2,981		$106,670	$103,365	$3,305	$223,017	7
41	19,507					2,701	250	1,775	676		6,675	165	6,510	33,125	8
167	81,970					63,193	1,060	284	952	$60,897	197,802	197,717	85	391,045	9
3	1,050	2	400			280	252		28		709	567	142	5,648	10
361	107,876					46,935	480	9,003	37,352	100	276,718	271,970	4,748	636,963	11
60	25,491	12	2,948			6,846	5,989	218	639		40,458	39,887	571	103,458	12
43	17,750	630	120,596	10	1,000	74,984	6,870	3,750	64,364		390,188	387,258	2,930	700,199	13
		108	15,555			1,602	1,513		89		9,928	9,700	228	41,678	14
26	8,975	42	6,625	1	240	3,708	785	513	2,410		108,242	106,627	1,615	154,575	15
36	13,678					1,283	76	125	1,082		31,789	31,389	400	57,958	16
141	62,441			3	417	14,068	2,464	2,222	9,382		114,538	108,167	6,371	244,774	17
6	2,584					541	476	25	40		4,800	4,665	135	10,910	18
124	42,644			6	899	4,630	24	947	3,659		39,674	38,260	1,414	99,538	19
121	62,000					337,000	13,550	5,500	317,950		127,150	111,538	15,612	632,320	20
1	500					352	176	100	76		587	527	60	2,707	21
7	2,000					947	653	24	270		8,450	8,295	155	14,535	22
300	105,600			2	546	42,566	3,720	6,866	31,980		1,004,189	1,004,189		1,295,324	23
700	284,384			20	3,132	76,115	4,940	7,082	64,093		1,153,661	1,151,333	2,328	1,729,301	24
12	11,734					486	84	5	397		20,983	20,743	240	40,740	25
113	50,017					2,543	626	19	1,898		62,031	62,003	28	138,765	26
		36	6,434			3,973	3,091	142	740		31,099	31,010	89	54,601	27
7	3,520					605	240	115	250		5,647	5,347	300	19,527	28
7	3,783					751	504	55	192		13,285	13,230	55	28,046	29
106	41,613					3,600	1,993	44	1,463	100	30,862	30,737	125	98,414	30
21	10,164					304	173		131		11,651	11,651		27,660	31
1	550	6	1,875			2,217	1,330	37	850		5,524	5,524		16,375	32
20	9,204					582	214	1	57	310	6,743	6,723	20	20,259	33
54	33,020					6,812	2,184	223	4,405		57,987	57,395	592	115,872	34
36	19,286	6	2,007	4	613	3,606	1,570	441	1,595		22,127	20,812	1,315	70,395	35
97	61,866	10	2,168	1	282	25,500	3,214	625	18,225	3,436	50,487	46,143	4,344	228,409	36
34	7,600					753	390	45	318		20,780	20,625	155	43,056	37
48	13,864	3	500			5,544	1,464	508	1,502	2,070	57,873	57,318	555	108,222	38
13	6,500					1,000	660	255	85		47,835	47,430	405	67,800	39
61	22,790					2,817	180	1,082	1,555		378,710	376,111	2,599	470,646	40
39	19,537			1	150	4,110	1,204	539	2,367		70,217	68,890	1,327	125,018	41
22	11,757	117	17,995	10	1,020	21,614	2,210	519	18,885		57,935	57,804	131	129,836	42
15	7,565					962	775	116	71		6,170	6,058	112	21,252	43
2	1,024					235	105	30	100		3,545	3,545		6,200	44
1,236	541,602	98	16,870	34	4,992	241,374	11,696	7,799	175,444	46,435	1,201,479	1,168,708	32,771	2,458,461	45

stamps, 1; hardware, 2; ironwork, architectural and ornamental, 2; lead, smelting and refining, 1; lime and cement, 2; mattresses and spring beds, 1; models and patterns, 1; oil, linseed, 1; sewing machine repairing, 1; ship and boat building, wooden, 2; shipbuilding, iron and steel, 1; slaughtering, wholesale, not including meat packing, 1; soap and candles, 1; tobacco, chewing, smoking, and snuff, 1; trunks and valises, 1; vinegar and cider, 1; wirework, including wire rope and cable, 2.

SIOUX CITY.

2,610	$1,380,013	438	$95,925	56	$9,128	$664,486	$73,239	$25,611	$550,221	$15,415	$10,669,672	$10,489,555	$180,117	$15,469,702	1
3	775	4	1,047			1,499	221	127	1,151		6,265	6,150	115	15,425	2
13	6,954					1,847	1,014	178	655		11,996	11,195	801	39,968	3
7	3,983					1,752	1,347	3	402		6,974	6,949	25	19,395	4
72	36,218	54	10,022	1	184	22,598	6,881	1,765	13,952		234,226	229,150	5,076	393,013	5
82	46,146			1	200	14,977	500	666	13,811		33,324	483	32,841	111,350	6
81	46,847					12,947	772	222	819	11,104	104,887	104,887		186,342	7
33	19,310					3,415	952	711	1,752		22,098	21,066	1,032	58,268	8
73	41,281	6	2,246	2	364	10,818	5,944	205	4,669		48,141	47,990	151	132,689	9
		65	12,653			3,492	2,875		617		15,391	15,311	80	48,324	10
24	10,975	30	5,080	1	156	3,166	2,120	183	863		80,195	79,404	791	138,553	11
9	5,510					1,993	1,152		841		12,296	11,913	383	24,183	12
53	21,053					17,094	120	1,073	15,901		641,713	631,037	10,676	752,203	13
105	42,478					9,884	4,484	199	5,041	160	60,215	56,202	4,013	153,475	14
6	3,284					770	367	13	390		5,408	5,408		12,406	15
7	2,504					1,074	50	64	960		49,156	48,035	1,121	56,446	16
20	9,038			2	150	1,890	548	80	885	377	8,635	8,137	498	27,430	17
7	3,700					1,595	1,092	30	473		3,580	3,515	65	11,445	18
9	4,064	2	604			2,490	636		554	1,300	9,553	9,553		23,430	19
49	24,364					1,911	346	37	1,528		33,631	33,631		75,304	20
		42	11,465			9,914	3,625	182	6,107		46,558	46,548	10	99,283	21

TABLE 8.—MANUFACTURES IN CITIES

SIOUX CITY—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES AND CITIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
22	Mineral and soda waters	3	$36,919	$2,200	$3,950	$5,020	$25,749	2	3	$4,200	10	$4,065
23	Painting, house, sign, etc	13	10,988		550	2,395	8,043	18	1	46	30	17,463
24	Paper hanging	5	35,050	6,000	4,000	1,100	23,950	7	3	1,648	29	18,709
25	Paving and paving materials	3	45,897		857	11,500	33,540	4	1	900	22	14,421
26	Photography	8	13,575			8,900	4,675	8	2	1,145	10	6,181
27	Plumbing, and gas and steam fitting	8	38,288		150	5,350	32,788	9	7	3,533	50	26,047
28	Printing and publishing, book and job	9	179,421		36,264	55,602	87,555	10	12	12,420	78	28,143
29	Printing and publishing, newspapers and periodicals.	13	263,447	42,022	19,448	106,180	95,797	11	32	28,938	182	109,834
30	Roofing and roofing materials	3	8,475		300	546	7,629	2	1	720	9	5,088
31	Saddlery and harness	8	117,948		1,000	8,432	108,516	9	11	7,382	36	16,711
32	Tinsmithing, coppersmithing, and sheet-iron working.	8	8,345			4,375	3,970	7	1	600	23	13,618
33	Tobacco, cigars and cigarettes	12	76,721	300		1,752	74,669	20	4	3,420	93	50,010
34	Watch, clock, and jewelry repairing	12	14,315			8,075	6,240	12			21	12,419
35	All other industries[1]	53	3,562,243	171,600	836,678	838,283	1,715,682	47	146	153,538	1,648	789,752

[1] Embraces agricultural implements, 1; baking and yeast powders, 1; bicycle and tricycle repairing, 2; bottling, 2; boxes, cigar, 1; boxes, fancy and paper, 1; bridges, 1; brooms and brushes, 1; butter, reworking, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by steam railroad companies, 2; cheese, butter, and condensed milk, factory product, 1; clothing, men's, factory product, 1; coffee and spice, roasting and grinding, 1; cooperage, 1; dyeing and cleaning, 1; fancy articles, not elsewhere specified, 1; food preparations, 1; fur goods, 2; furs, dressed, 1; gas, illuminating and heating, 1; hairwork, 2; ice, manufactured, 1; liquors, malt, 1; lumber, planing mill products, including sash, doors, and blinds, 2; marble and stone work, 1; mattresses and spring beds, 1;

TABLE 9.—MANUFACTURES IN CITIES

1	Total for cities	2,706	$27,311,080	$3,058,481	$5,001,403	$6,288,329	$12,962,867	3,078	1,626	$1,435,808	16,998	$7,029,332
2	Belle Plaine	41	89,742	15,500	20,125	20,425	33,692	55	4	2,787	135	58,338
3	Boone	114	400,260	40,875	46,290	89,736	223,359	146	29	19,590	680	315,833
4	Cedar Falls	67	658,605	144,855	134,550	140,410	238,790	75	33	23,703	315	123,090
5	Centerville	54	173,910	29,850	43,450	74,245	26,365	59	13	6,931	203	82,667
6	Chariton	46	126,090	8,770	17,890	24,338	75,092	52	5	3,549	175	64,837
7	Charles City	61	288,313	59,400	58,967	60,581	109,365	73	6	4,326	184	77,479
8	Clarinda	44	126,706	8,325	27,860	31,206	59,315	57	4	1,659	85	33,449
9	Cresco	55	135,030	9,185	31,390	29,435	65,020	69	6	1,425	96	34,910
10	Creston	103	398,925	25,735	132,202	157,675	83,313	105	29	22,295	418	177,476
11	Decorah	85	318,540	26,750	69,175	78,305	144,310	97	8	5,491	174	75,619
12	Fort Dodge	88	903,834	81,389	171,875	303,774	346,796	88	89	62,621	527	224,124
13	Fort Madison	83	1,546,574	86,395	272,923	338,276	848,980	75	74	92,388	966	409,351
14	Grinnell	81	812,940	14,437	39,853	46,658	711,992	102	33	23,207	334	145,664
15	Independence	57	312,405	35,800	58,850	109,530	108,225	56	8	5,060	159	57,375
16	Iowa City	129	1,003,969	85,750	153,000	253,436	511,783	136	148	70,399	680	299,314
17	Keokuk	188	2,103,335	107,565	219,295	551,371	1,225,104	197	349	436,067	1,665	614,580
18	Le Mars	69	555,662	91,600	126,375	156,487	181,200	73	16	16,700	190	85,804
19	Marion	55	113,970	12,700	23,955	35,760	41,555	69	2	1,800	79	35,066
20	Marshalltown	147	5,866,270	1,475,580	1,567,495	1,696,668	1,126,527	170	107	109,286	1,399	654,227
21	Mason City	89	351,868	56,300	63,317	87,238	145,013	103	26	19,336	376	167,211
22	Muscatine	247	3,725,971	211,295	308,201	651,707	2,554,768	295	140	132,675	2,835	1,055,904
23	Newton	86	443,133	21,425	34,000	49,822	337,886	106	64	43,165	312	121,843
24	Oelwein	37	614,599	21,400	346,479	95,470	151,250	41	15	10,660	511	279,922
25	Osage	37	82,090	12,650	16,400	18,700	34,340	45	1	420	68	29,895
26	Oskaloosa	143	552,239	53,600	73,840	146,518	278,281	171	49	29,821	588	262,228
27	Ottumwa	160	3,403,321	96,670	555,735	457,588	2,293,328	188	208	177,022	2,095	804,215
28	Shenandoah	56	236,623	28,675	46,662	73,171	88,115	65	5	4,330	213	87,078
29	Vinton	63	198,237	15,855	46,325	56,473	79,584	81	8	6,470	231	76,001
30	Waterloo	147	1,287,056	136,800	194,946	335,224	620,086	142	108	80,014	1,042	471,608
31	Webster City	33	348,455	34,100	71,028	87,852	155,475	36	24	14,680	205	78,297
32	What Cheer	41	132,408	9,250	28,950	30,250	63,958	51	15	7,931	58	25,927

BY SPECIFIED INDUSTRIES: 1900—Continued.

SIOUX CITY—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
10	$4,065					$8,575	$130	$126	$8,319		$10,401	$9,919	$482	$32,669	22
30	17,463					3,045	1,519	31	1,495		16,650	16,600	50	52,337	23
28	18,593			1	$116	2,448	480	250	1,718		21,871	21,871		53,736	24
22	14,421					3,393	300		3,093		23,135	23,038	97	44,323	25
6	4,299	4	$1,832			4,027	2,426	27	1,574		9,946	9,946		31,045	26
50	26,047					11,902	2,640	202	9,060		64,608	64,608		128,737	27
70	26,371	6	1,408	2	364	15,119	3,759	975	10,385		40,532	38,744	1,788	118,232	28
166	107,114	14	2,411	2	309	33,175	1,862	1,709	27,780	$1,824	58,447	56,648	1,799	302,197	29
9	5,088					1,168	516	22	630		13,712	13,712		24,565	30
32	16,503			4	208	8,177	3,015	530	4,632		64,464	64,184	280	116,559	31
23	13,618					2,247	1,344	61	842		15,998	15,898	100	38,488	32
85	48,904			8	1,106	26,258	3,827	367	22,064		62,327	62,105	222	170,842	33
21	12,419					3,538	2,695	22	821		15,545	15,509	36	41,168	34
1,405	736,624	211	47,157	32	5,971	416,288	13,680	15,551	386,407	650	8,817,794	8,700,209	117,585	11,935,872	35

monuments and tombstones, 2; musical instruments and materials, not specified, 1; oil, linseed, 1; paper goods, not elsewhere specified, 1; patent medicines and compounds, 1; plastering and stuccowork, 1; rubber and elastic goods, 1; shirts, 1; slaughtering and meat packing, wholesale, 2; slaughtering, wholesale, not including meat packing, 1; soap and candles, 1; starch, 1; trunks and valises, 2; typewriter repairing, 1; vinegar and cider, 2; wirework, including wire rope and cable, 1.

UNDER 20,000 IN POPULATION: 1900.

14,153	$6,450,378	2,286	$502,624	559	$76,330	$1,642,032	$277,040	$132,268	$1,067,444	$165,280	$26,139,019	$25,640,627	$498,392	$42,398,348	1
126	57,132	6	988	3	218	8,819	2,568	755	3,296	2,200	122,413	118,704	3,709	232,581	2
592	300,906	60	12,640	28	2,287	28,725	14,450	3,694	10,346	235	471,794	455,155	16,639	975,645	3
239	108,035	75	14,935	1	120	55,380	5,289	4,335	45,686	70	678,000	671,300	6,700	1,049,557	4
162	75,290	36	7,027	5	350	14,695	3,673	1,936	3,986	5,100	168,272	162,259	6,013	341,169	5
147	60,517	24	3,940	4	380	12,068	5,070	658	5,140	1,200	155,346	152,477	2,869	323,900	6
166	73,504	15	3,819	3	156	15,021	3,944	1,655	8,892	530	231,804	227,352	4,452	433,985	7
74	31,167	10	2,140	1	142	9,434	2,759	1,017	3,618	2,040	97,158	94,581	2,577	179,996	8
88	33,525	5	850	3	535	7,554	3,469	723	2,820	542	168,183	164,618	3,565	294,772	9
370	169,715	48	7,761			29,743	10,015	5,456	12,412	1,860	344,910	336,720	8,190	688,739	10
144	69,360	29	6,199	1	60	23,762	6,236	1,936	14,560	1,030	221,213	215,651	5,562	443,345	11
427	197,921	93	25,183	7	1,020	38,642	10,233	4,681	23,578	150	793,266	762,000	31,266	1,263,385	12
930	403,618	30	5,139	6	594	95,455	6,646	13,109	51,592	24,108	870,482	841,388	29,094	1,737,254	13
270	125,610	64	20,054			37,045	4,259	1,357	18,746	12,683	426,632	421,677	4,955	1,004,642	14
129	52,210	21	3,990	9	1,175	14,766	5,171	1,739	7,856		163,291	159,349	3,942	314,179	15
536	273,222	131	23,914	13	2,178	89,077	17,682	5,055	65,515	825	781,780	768,416	13,364	1,511,065	16
1,145	503,461	440	99,808	80	11,311	196,578	23,155	10,383	127,642	35,398	1,882,227	1,857,284	24,943	3,660,047	17
170	81,513	20	4,291			52,658	6,296	3,337	42,498	527	690,859	676,874	13,985	956,680	18
62	31,464	17	3,602			9,627	4,294	883	4,250	200	117,978	114,998	2,980	244,545	19
1,306	636,427	89	17,405	4	395	190,154	22,937	8,663	158,554		3,120,658	3,003,687	116,971	4,587,240	20
322	156,336	52	10,733	2	142	21,013	7,001	2,339	10,623	1,050	330,110	312,045	18,065	705,460	21
2,312	951,694	364	80,157	159	24,053	212,703	18,652	24,320	121,366	48,365	3,773,379	3,743,119	30,260	5,791,110	22
225	108,805	86	12,990	1	48	44,768	7,216	2,216	24,478	10,858	244,402	240,245	4,157	666,727	23
500	277,402	10	2,420	1	100	10,081	4,447	1,188	4,446		337,360	321,958	15,402	674,637	24
53	26,932	15	2,963			6,795	2,372	456	3,967		120,174	117,616	2,558	202,405	25
477	237,090	91	22,909	20	2,229	67,753	18,329	3,485	32,714	13,225	490,982	475,486	15,496	1,063,584	26
1,721	724,382	223	59,395	151	20,438	200,673	26,420	13,330	159,511	1,412	7,093,068	7,036,809	56,259	9,129,862	27
170	80,517	33	5,784	10	777	12,076	3,725	1,518	6,833		200,213	192,803	7,410	382,740	28
165	60,779	59	13,806	7	1,416	31,884	3,460	1,368	25,634	1,422	206,150	200,621	5,529	440,137	29
899	446,425	118	21,337	25	3,846	81,642	22,398	8,201	50,943	100	1,555,578	1,534,642	20,936	2,499,361	30
176	70,951	16	5,186	13	2,160	16,863	2,851	1,535	12,477		188,170	170,973	17,197	415,163	31
50	24,468	6	1,259	2	200	6,578	2,023	940	3,465	150	93,167	89,820	3,347	184,436	32

KANSAS.

Kansas was organized as a territory in 1854, and therefore first appeared in census statistics in 1860.

Table 1 shows the manufacturing and mechanical industries of the state as returned at the censuses of 1860 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1860 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.					PER CENT OF INCREASE.			
	1900	1890	1880	1870	1860	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870
Number of establishments	7,830	4,471	2,803	1,477	344	75.1	59.5	89.8	329.4
Capital	$66,827,362	$43,926,002	$11,192,315	$4,319,060	$1,084,935	52.1	292.5	159.1	298.1
Salaried officials, clerks, etc., number	3,860	[1] 4,606	(2)	(2)	(2)	[3] 16.2			
Salaries	$3,256,086	[1] $3,040,310	(2)	(2)	(2)	7.1			
Wage-earners, average number	35,193	28,237	12,062	6,844	1,735	24.6	134.1	76.2	294.5
Total wages	$16,317,689	$13,288,175	$3,995,010	$2,377,511	$880,346	22.8	232.6	68.0	170.1
Men, 16 years and over	31,171	24,846	11,139	6,599	1,700	25.5	123.1	68.8	288.2
Wages	$15,444,390	$12,727,955	(2)	(2)	(2)	21.3			
Women, 16 years and over	3,162	2,510	392	118	35	26.0	540.3	232.2	237.1
Wages	$743,886	$484,521	(2)	(2)	(2)	53.5			
Children, under 16 years	860	881	531	127	(2)	[3] 2.4	65.9	318.1	
Wages	$129,413	$75,699	(2)	(2)	(2)	71.0			
Miscellaneous expenses	$5,241,450	$5,853,466	(4)	(4)	(4)	[3] 10.5			
Cost of materials used	$129,485,320	$78,845,167	$21,453,141	$6,112,163	$1,444,975	64.2	267.5	251.0	323.0
Value of products, including custom work and repairing	$172,129,398	$110,219,805	$30,843,777	$11,775,833	$4,357,408	56.2	257.3	161.9	170.2
Total population	[5] 1,468,469	1,427,096	996,096	364,399	107,206	2.9	43.3	173.4	239.9
Wage-earners engaged in manufactures	35,193	28,237	12,062	6,844	1,735	24.6	134.1	76.2	294.5
Per cent of total population	2.4	2.0	1.2	1.9	1.6				
Assessed value of real estate	[6] $224,905,237	$241,100,071	$108,432,049	$65,499,365	$16,088,602	[3] 6.7	122.4	65.5	307.1
Value of land and buildings invested in manufactures [7]	$21,186,733	$13,450,853	(2)	(2)	(2)	57.5			
Per cent of assessed value	9.4	5.6							

[1] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[2] Not reported separately.
[3] Decrease.
[4] Not reported.
[5] Exclusive of 2,026 Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[6] As given in letter of the auditor of the state of Kansas.
[7] Does not include value of rented property.

Although agriculture and stock raising are the leading pursuits of Kansas, manufacturing and mechanical industries have had a considerable growth during the last forty years. The total population of the state in 1860 was 107,206, and in 1900, 1,468,469, an increase in the forty years of 1,361,263, or 1,269.8 per cent. The average number of wage-earners employed in manufacturing establishments has increased from 1,735 in 1860 to 35,193 in 1900, an increase of 1,928.4 per cent in the forty years, and embraced, in the latter year, 2.4 per cent of the entire population, as compared with 1.6 per cent in 1860. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 48,306, or 3.3 per cent of the total population of the state. The greatest increase in the value of products, 257.3 per cent, was for the decade ending with 1890.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for educational, eleemosynary, and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and are, therefore, omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	10,331	$68,101,312	11,519	35,889	$16,376,359	$5,291,863	$129,830,261	$90,433,416	$36,245,429	$3,151,416	$173,031,692
Hand trades[1]	3,985	4,095,763	4,598	5,823	2,491,044	615,640	5,456,653	116,937	5,130,762	208,954	12,056,747
Educational, eleemosynary, and penal institutions	13	506,267	1	251	88,003	8,071	139,658	93,165	27,588	18,905	285,881
Establishments with a product of less than $500	2,488	767,683	2,646	445	20,667	47,342	205,283	19,911	185,372	----------	616,413
All other establishments	3,845	62,731,599	4,274	29,370	13,826,645	4,625,810	124,028,667	90,203,403	30,901,707	2,923,557	160,072,651

[1] Includes bicycle and tricycle repairing, 62; blacksmithing and wheelwrighting, 1,414; boots and shoes, custom work and repairing, 297; carpentering, 475; clothing, men's, custom work and repairing, 250; clothing, women's, dressmaking, 130; dyeing and cleaning, 12; furniture, cabinetmaking, repairing, and upholstering, 63; lock and gun smithing, 39; masonry, brick and stone, 97; millinery, custom work, 461; painting, house, sign, etc., 215; paper hanging, 25; plastering and stuccowork, 60; plumbing, and gas and steam fitting, 88; sewing machine repairing, 4; watch, clock, and jewelry repairing, 298.

Of the 10,331 establishments of all classes shown in this table, 6,473, or 62.7 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $12,673,160, or only 7.3 per cent of the total value of the products of the state.

In addition to the 10,331 active establishments in the state during the census year, with a capital of $68,101,312, shown in Table 2, there were 52 idle establishments, with a capital of $1,689,755, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Brick and tile	2	$15,685	Salt	3	$222,000
Flouring and grist mill products	21	186,975	Starch	1	950,000
Ice, manufactured	1	8,600	Sugar and molasses, refining	1	85,000
Lumber and timber products	2	6,450	Wire	1	120,000
Lumber, planing mill products, including sash, doors, and blinds	2	9,000	Woolen goods	1	8,000
Oil, linseed	1	30,000	Zinc, smelting and refining	1	42,000
Printing and publishing, newspapers and periodicals	5	8,800	All other industries	10	7,245

TABLE 3.—COMPARATIVE SUMMARY OF SEVEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total Wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	867	$37,540,472	18,465	$9,459,963	$3,016,892	$99,486,343	$119,485,746
	1890	575	24,020,526	11,612	6,344,399	4,110,933	55,006,561	70,653,921
Increase, 1890 to 1900	--------	292	13,519,946	6,853	3,115,564	[1]1,094,041	44,479,782	48,831,825
Per cent of increase	--------	50.8	56.3	59.0	49.1	[1]26.6	80.9	69.1
Per cent of total of all industries in state	1900	11.1	56.2	52.5	58.0	57.6	76.8	69.4
	1890	12.9	54.7	41.1	47.7	70.2	69.8	64.1
Cars and general shop construction and repairs by steam railroad companies.	1900	37	2,931,699	5,592	3,476,400	101,457	3,071,173	6,816,816
	1890	26	1,683,210	2,819	1,722,326	----------	1,874,646	3,644,038
Cheese, butter, and condensed milk, factory product	1900	171	1,139,595	395	167,293	71,383	3,062,335	3,652,530
	1890	101	433,792	271	94,449	22,939	713,677	919,787
Flouring and grist mill products	1900	533	8,366,966	1,451	743,462	447,747	18,595,258	21,926,768
	1890	348	7,844,280	1,623	734,058	599,986	14,285,990	17,420,475
Foundry and machine shop products	1900	94	2,450,324	1,246	716,683	113,929	1,470,774	2,804,268
	1890	69	2,624,807	1,501	915,058	145,683	1,214,567	2,756,825
Slaughtering: Total	1900	14	16,486,177	8,117	3,575,049	2,003,771	67,908,960	77,411,883
	1890	18	11,086,058	5,018	2,646,309	3,322,200	36,120,014	44,696,077
Slaughtering and meat packing, wholesale	1900	11	16,410,477	8,068	3,543,777	2,000,035	67,402,245	76,829,139
	1890	15	11,064,683	5,008	2,642,529	3,318,262	36,031,824	44,592,671
Slaughtering, wholesale, not including meat packing	1900	3	75,700	49	31,272	3,736	506,715	582,744
	1890	3	21,375	10	3,780	3,938	88,190	103,406
Soap and candles	1900	7	947,182	177	75,273	197,436	698,897	1,083,337
	1890	9	130,379	39	15,429	15,905	160,667	253,219
Zinc, smelting and refining	1900	11	5,218,529	1,487	705,803	81,169	4,678,946	5,790,144
	1890	4	218,000	341	216,770	4,220	637,000	963,500

[1] Decrease.

The 7 leading industries of the state in 1900, as shown in Table 3, embraced 867 establishments, or 11.1 per cent of the total number in the state; used a capital of $37,540,472, or 56.2 per cent of the total; gave employment to 18,465 wage-earners, or 52.5 per cent of the total number; and paid $9,459,963, or 58 per cent of the total wages. The value of their products was $119,485,746, or 69.4 per cent of the total. In the discussion of Table 3 which follows, these industries are ranked with reference to the value of their products.

Table 3 shows that slaughtering and meat packing is the most important industry in the state. The 14 establishments reported in 1900 gave employment to 8,117 wage-earners, or 23.1 per cent of the wage-earners employed in the state, and the products were valued at $77,411,883, or 45 per cent of the total value of the products of the state. In 1890 there were 18 establishments, 5,018 wage-earners, and products valued at $44,696,077. The increase in value of products, during the decade, was 73.2 per cent. Kansas is one of the leading stock-raising states of the country, having marketed 3,330,944 head of cattle in 1899, valued at $67,499,112, and slaughtering and meat packing forms a splendid auxiliary to that great industry. Kansas City, Kans., is next to the largest meat-packing city in the world, and has within its limits the largest single packing house in existence, covering 90 acres of floor space. There is scarcely a nation in the world to which these Kansas establishments do not send their products.[1]

Allied to slaughtering and meat packing is the manufacture of soap and candles. There were 7 establishments engaged in this industry in 1900, with 177 wage-earners, and products valued at $1,083,337. In 1890 there were 9 establishments, 39 wage-earners, and products valued at $253,219. The value of products increased 327.8 per cent during the decade. The establishments engaged in this industry make considerable use of the oils, fatty matter, offal, and other waste products of the slaughtering and meat-packing houses.

Flour and grist milling ranks second in importance, with 533 establishments, 1,451 wage-earners, and products valued at $21,926,768. In 1890 there were 348 establishments, 1,623 wage-earners, and products valued at $17,420,475. The increase in the value of products during the decade was 25.9 per cent. The industry began in this state as early as 1861, when a mill was established by S. C. Pomeroy at Atchison, Kans. The inability of the smaller mills to cope with the larger ones in the manufacture of flour products, together with a variation of rates for long hauls, has made it difficult for the milling industry to extend as rapidly as circumstances would seem to warrant, for although Kansas raised 82,486,655 bushels of wheat in 1900, valued at $46,165,656, or 3.3 per cent of the wheat crop of the world, only 24 per cent of the Kansas crop was ground by the mills of the state.[2]

Car construction and general shop work by steam railroad companies holds third place among the manufacturing industries of the state. There were 37 establishments reported in 1900, with 5,592 wage-earners, and products valued at $6,816,816. In 1890 there were 26 establishments, 2,819 wage-earners, and products valued at $3,644,038. The increase in the value of products during the decade was 87.1 per cent. The importance of this industry in Kansas is indirectly due to its vast agricultural resources, for the 8,980 miles of railroad in the state, equivalent to 22 trunk lines across its entire length, were built primarily to handle its large agricultural and stock-raising products.

There were 11 establishments engaged in the smelting and refining of zinc in 1900, with 1,487 wage-earners and products valued at $5,790,144. In 1890, 4 establishments were reported, with 341 wage-earners and products valued at $963,500. The increase in the value of products during the decade was 500.9 per cent. This industry was reported also in 1890 as a branch of mining. A production of 15,200 short tons of spelter was reported for Kansas for that year, as compared with 54,516 short tons produced in 1900. This remarkable increase is due to the fact that in 1890 the industry was almost in its infancy in this state. Since that date the building of smelting and refining works has gone on rapidly, owing to the presence of zinc ores in the same locality with an abundant supply of fuel—both bituminous coal, and gas from the gas and oil fields opened up in southern Kansas. More than a hundred wells, producing either oil or gas, have been opened during the last few years.

There were 171 establishments in 1900 engaged in the factory manufacture of cheese, butter, and condensed milk, with 395 wage-earners, and products valued at $3,652,530. In 1890 there were 101 establishments, 271 wage-earners, and products valued at $919,787. The increase in the value of products during the decade was 297.1 per cent. This industry, which has grown to remarkable proportions during the last decade, constitutes a source of profit to the small farmer and stock raiser as well as to those who operate on a larger scale. Good railroad facilities have made it possible to collect cream from numerous and scattered substations, for the supply of the more centrally located butter and cheese factories. Moreover, many cooperative establishments exist in the state and have attained considerable success.

There were 94 establishments in 1900 engaged in the manufacture of foundry and machine shop products, with 1,246 wage-earners, and products valued at $2,804,268. In 1890 there were 69 establishments, 1,501 wage-earners, and products valued at $2,756,825. The increase in the value of products during the decade was 1.7 per cent. A number of manufacturers of flour-mill machinery have located in Kansas City and Leavenworth, and have found a productive and responsive field for their energy and capital.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Kansas City, Topeka, and Wichita, as returned at the censuses of 1890 and 1900, with the percentages of increase.

[1] Report of the Kansas Bureau of Labor, 1899, pages 330–340.
[2] Report of the Kansas Bureau of Labor, 1900, page 171.

TABLE 4.—COMPARATIVE SUMMARY, KANSAS CITY, TOPEKA, AND WICHITA, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
The State	1900	7,830	$66,827,362	35,193	$16,317,689	$5,241,450	$129,485,320	$172,129,398
	1890	4,471	43,926,002	28,237	13,288,175	5,853,466	78,845,167	110,219,805
Per cent of increase		75.1	52.1	24.6	22.8	[1] 10.5	64.2	56.2
Kansas City	1900	492	18,633,475	10,544	4,886,259	2,643,077	70,386,491	82,768,943
	1890	234	11,629,703	6,855	3,667,289	3,243,969	34,236,637	44,079,389
Per cent of increase		110.3	60.2	53.8	33.2	[1] 18.5	105.6	87.8
Topeka	1900	399	3,891,530	3,758	2,110,721	417,231	6,023,934	9,977,605
	1890	371	3,282,899	3,044	1,579,353	276,038	3,670,106	6,752,449
Per cent of increase		7.5	18.5	23.5	33.6	51.1	64.1	47.8
Wichita	1900	328	2,108,524	1,505	639,271	176,146	3,060,661	4,724,068
	1890	144	3,062,696	1,445	673,994	304,458	3,380,478	5,074,913
Per cent of increase		127.8	[1] 31.2	4.2	[1] 5.2	[1] 42.1	[1] 9.5	[1] 6.9
Total for 3 cities	1900	1,219	24,633,529	15,807	7,636,251	3,236,454	79,471,086	97,470,616
	1890	749	17,975,298	11,344	5,920,636	3,824,465	41,287,221	55,906,751
Per cent of increase		62.8	37.0	39.3	29.0	[1] 15.4	92.5	74.3
Per cent of 3 cities to total for state	1900	15.6	36.9	44.9	46.8	61.7	61.4	56.6
	1890	16.8	40.9	40.2	44.6	65.3	52.4	50.7

[1] Decrease.

It appears from Table 4 that there has been a considerable increase during the past decade in the manufactures of the 3 principal cities of the state. The number of establishments increased from 749 to 1,219, or 62.8 per cent; the average number of wage-earners, from 11,344 to 15,807, or 39.3 per cent; and the value of products, from $55,906,751 to $97,470,616, or 74.3 per cent. Table 4 indicates, moreover, that the increase, in the last two particulars, was greater in these 3 cities than in the state as a whole. Kansas City, the leading manufacturing city of the state, shows the most rapid growth in value of products, which increased from $44,079,389 in 1890 to $82,768,943 in 1900, or 87.8 per cent. The number of establishments increased during the decade from 234 to 492, or 110.3 per cent, and the number of wage-earners from 6,855 to 10,544, or 53.8 per cent. The number of establishments, number of wage-earners, and value of products for this city in 1900 constituted 6.3, 30, and 48.1 per cent, respectively, of the totals for the entire state.

Table 5 presents the totals for the manufacturing industries of the 36 cities withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	PRODUCTS. Value.	PRODUCTS. Rank.	PRODUCTS. Per cent of total.	POPULATION. Total.	POPULATION. Rank.	POPULATION. Per cent of total.
Total for state	7,830	$66,827,362	8,872	35,193	$16,317,689	$5,241,450	$129,485,320	$172,129,398	------	100.0	[1] 1,468,469	------	100.0
Total for urban manufactures	3,539	50,178,983	4,071	28,050	13,227,812	4,519,179	112,101,357	146,031,011	------	84.8	312,359	------	21.3
Abilene	70	232,181	79	192	63,251	26,587	365,596	534,619	22	0.3	3,507	24	0.3
Argentine	45	10,753,128	51	741	436,226	118,218	15,016,721	20,337,170	2	11.8	5,878	17	0.4
Arkansas City	74	677,649	74	319	151,963	68,277	725,361	1,078,555	12	0.6	6,140	15	0.4
Atchison	111	1,139,313	127	881	415,816	97,926	1,699,953	2,600,459	6	1.5	15,722	5	1.1
Chanute	54	98,261	65	154	71,627	9,224	132,216	280,370	30	0.2	4,208	22	0.3
Chetopa	30	57,296	36	27	9,524	3,332	71,704	112,789	36	0.1	2,019	36	0.1
Clay Center	54	179,558	60	71	25,311	11,809	182,221	279,283	31	0.2	3,069	31	0.2
Coffeyville	64	406,444	71	417	148,823	42,900	697,955	1,066,386	13	0.6	4,953	19	0.3
Concordia	48	98,619	56	98	43,570	8,081	153,610	254,570	32	0.1	3,401	27	0.2
Emporia	77	232,606	89	224	101,720	29,361	234,994	474,519	24	0.3	8,223	11	0.6
Fort Scott	97	675,097	104	535	255,803	39,630	475,668	943,018	16	0.6	10,322	7	0.7
Galena	61	174,028	86	182	92,834	12,806	373,520	563,697	20	0.3	10,155	8	0.7
Girard	37	123,340	47	218	87,445	23,133	402,568	511,809	23	0.3	2,473	35	0.2
Hiawatha	45	111,280	55	84	34,256	9,875	85,822	183,816	85	0.1	2,829	34	0.2
Holton	60	163,649	71	104	36,347	11,021	88,039	201,585	34	0.1	3,082	30	0.2
Horton	40	589,952	48	374	196,386	12,721	291,331	555,024	21	0.3	3,398	28	0.2
Hutchinson	140	1,151,138	176	703	279,188	81,740	1,216,951	1,907,370	7	1.1	9,379	10	0.7
Independence	61	210,375	67	183	62,658	14,490	258,555	416,991	25	0.2	4,851	20	0.3
Junction	66	229,677	92	184	83,776	13,252	449,507	652,861	18	0.4	4,695	21	0.3
Kansas City	492	18,633,475	538	10,544	4,886,259	2,643,077	70,386,491	82,768,943	1	48.1	51,418	1	3.5
Lawrence	128	875,638	138	946	335,189	67,859	1,174,357	1,842,199	8	1.1	10,862	6	0.8
Leavenworth	220	3,207,111	252	1,750	833,576	252,029	2,822,127	4,721,373	5	2.7	20,735	4	1.4
McPherson	35	138,602	40	67	26,410	7,279	246,630	330,714	28	0.2	2,996	32	0.2
Manhattan	50	126,820	60	82	31,382	9,468	142,411	253,963	33	0.1	3,438	26	0.2
Newton	76	368,413	91	404	201,415	38,751	652,870	982,475	15	0.6	6,208	14	0.4
Olathe	50	125,780	61	140	60,676	29,456	170,356	339,098	26	0.2	3,451	25	0.2
Osawatomie	29	168,468	34	418	250,746	6,360	356,038	649,050	19	0.4	4,191	23	0.3
Ottawa	67	334,970	72	341	179,551	13,789	406,584	734,965	17	0.4	6,934	13	0.5
Paola	50	134,660	56	110	38,784	16,729	223,237	331,297	27	0.2	3,144	29	0.2
Parsons	83	584,706	90	631	292,237	34,325	531,447	1,025,409	14	0.6	7,682	12	0.5
Pittsburg	82	808,055	87	994	475,772	45,654	986,828	1,616,976	9	0.9	10,112	9	0.7
Salina	119	634,988	134	337	132,761	94,333	885,153	1,329,985	10	0.8	6,074	16	0.4
Topeka	399	3,891,530	472	3,758	2,110,721	417,231	6,023,934	9,977,605	3	5.8	33,608	2	2.3
Weir	22	145,171	23	123	49,686	7,967	240,614	311,654	29	0.2	2,977	33	0.2
Wichita	328	2,108,524	378	1,505	639,271	176,146	3,060,661	4,724,068	4	2.7	24,671	3	1.7
Winfield	75	588,481	91	209	86,852	24,343	869,327	1,136,346	11	0.7	5,554	18	0.4
Total for state exclusive of urban manufactures	4,291	16,648,379	4,801	7,143	3,089,877	722,271	17,383,963	26,098,387	------	15.2	1,156,110	------	78.7
Per cent of urban manufactures to total for state	45.2	75.1	45.9	79.7	81.1	86.2	86.6	84.8	------	------	21.3	------	------

[1] Exclusive of 2,026 Indians and other persons on Indian reservations, which classes were not included at previous censuses.

Of the 7,830 establishments in the state, 3,539, or 45.2 per cent, were located in these 36 cities. They furnished employment to 28,050 wage-earners, or 79.7 per cent of the total number, and the value of their products, $146,031,011, formed 84.8 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Kansas City, Leavenworth, Topeka, and Wichita by specified industries.

Table 9 shows the totals for the cities withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

[No manufactures reported for

	COUNTIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	7,830	$66,827,362	$5,683,636	$15,503,097	$17,298,921	$28,341,708	8,872	3,860	$3,256,086	35,193	$16,317,689
2	Allen	82	4,391,863	1,648,061	1,525,938	422,523	795,341	95	39	35,120	1,044	468,506
3	Anderson	55	86,082	4,165	17,200	35,036	29,681	65	2	800	45	15,545
4	Atchison	128	1,245,499	88,000	205,090	344,211	608,198	144	60	46,238	935	435,983
5	Barber	38	105,509	2,685	18,525	52,615	31,684	45	6	2,800	45	17,132
6	Barton	69	273,924	12,080	67,730	79,705	114,409	62	8	5,775	85	43,838
7	Bourbon	139	833,998	138,363	119,110	327,023	249,502	157	36	33,256	581	273,284
8	Brown	129	770,607	36,700	197,692	97,779	438,436	153	25	20,860	476	237,137
9	Butler	96	229,934	9,915	42,705	114,730	62,584	102	6	3,320	71	23,534
10	Chase	31	76,105	2,965	22,150	27,975	23,015	34	7	4,720	65	45,908
11	Chautauqua	35	65,638	5,940	12,590	26,241	20,867	35	1	500	29	12,383
12	Cherokee	170	575,606	41,653	155,228	199,162	179,563	204	18	15,643	479	219,154
13	Cheyenne	4	7,925	1,050	1,050	2,400	3,425	4			2	575
14	Clark	5	4,924	100	775	1,318	2,731	6			2	500
15	Clay	93	378,168	122,268	44,400	80,619	130,881	101	19	16,531	117	45,346
16	Cloud	96	166,408	15,730	32,240	55,422	63,016	110	4	2,620	120	50,463
17	Coffey	57	213,617	18,410	60,804	67,278	67,125	67	8	6,296	101	36,662
18	Comanche	8	6,260	460	840	2,180	2,780	8			4	1,160
19	Cowley	180	1,400,334	71,803	361,998	364,902	601,631	202	71	59,910	611	279,158
20	Crawford	177	1,068,761	112,982	349,730	349,430	256,619	201	42	32,000	1,310	603,188
21	Decatur	25	55,095	4,730	9,630	24,175	16,560	27	2	2,000	22	6,415
22	Dickinson	157	718,041	98,631	170,220	175,835	273,355	161	77	31,301	383	158,305
23	Doniphan	87	171,977	13,145	45,310	62,520	51,002	94	5	2,570	74	27,239
24	Douglas	178	947,788	51,245	196,615	354,967	344,961	192	87	46,909	993	352,374
25	Edwards	22	24,165	1,600	4,700	5,635	12,230	23			16	5,614
26	Elk	49	61,125	3,775	8,615	17,040	31,695	60	2	1,200	32	9,148
27	Ellis	22	136,440	1,290	27,670	50,825	56,655	22	3	5,640	104	58,267
28	Ellsworth	56	289,092	19,802	71,290	117,345	80,655	65	2	4,200	75	37,037
29	Finney	16	27,995	590	2,760	7,550	17,095	21			12	2,254
30	Ford	40	68,115	3,835	10,750	20,805	32,725	50	7	3,280	90	48,386
31	Franklin	104	410,408	42,947	108,238	179,245	79,978	109	13	10,941	403	199,126
32	Geary	73	241,657	18,860	69,335	63,830	89,632	101	3	2,400	187	84,751
33	Gove	7	4,820	145	690	2,600	1,385	9			2	450
34	Graham	4	6,000	200	300	3,650	1,850	7			3	233
35	Gray	3	13,175	100	2,250	9,950	875	3			4	1,374
36	Greenwood	87	100,512	11,600	18,790	29,136	40,986	95	1	364	60	19,043
37	Hamilton	7	13,720	700	4,800	5,000	3,220	9			8	2,290
38	Harper	40	103,916	1,675	19,415	38,308	44,518	45	5	3,310	26	11,678
39	Harvey	119	570,579	31,135	87,820	208,334	243,290	136	34	23,941	450	220,354
40	Hodgeman	3	4,800	150	200	1,150	3,300	3			1	200
41	Jackson	96	214,329	28,525	40,595	58,590	86,619	111	13	5,280	123	43,282
42	Jefferson	78	193,739	12,770	40,580	57,870	82,519	83	8	2,794	86	33,619
43	Jewell	44	73,441	5,847	14,953	19,485	33,156	47			46	17,126
44	Johnson	78	243,218	15,380	51,600	96,175	80,063	90	5	2,246	167	71,821
45	Kearny	5	5,250	50	150	2,075	2,975	5			3	582
46	Kingman	35	59,415	11,050	9,650	17,310	21,405	47			41	14,614
47	Kiowa	7	9,785	695	1,415	2,325	5,350	7			2	690
48	Labette	172	827,114	54,060	164,880	333,923	274,251	198	23	25,160	747	334,894
49	Leavenworth	247	3,288,977	224,686	585,413	720,260	1,758,618	278	237	213,961	1,771	843,100
50	Lincoln	40	123,721	10,095	28,915	35,246	49,465	43	1	50	28	11,184
51	Linn	71	135,030	6,905	27,065	46,755	54,305	80	6	4,660	67	17,888
52	Logan	3	15,700		2,000	9,300	4,400	3			3	1,500
53	Lyon	123	358,041	18,750	61,775	178,259	99,257	143	7	3,990	265	118,705
54	McPherson	104	357,384	13,315	80,205	113,057	150,807	123	21	13,176	157	65,702
55	Marion	98	382,129	23,230	72,954	95,897	190,048	103	10	4,720	143	60,928
56	Marshall	163	648,156	81,234	120,220	146,725	299,977	182	20	13,203	285	112,525
57	Meade	4	2,900		200	2,475	225	4	1	500	2	200
58	Miami	100	335,414	41,251	44,505	115,993	133,665	112	20	16,876	548	297,145
59	Mitchell	69	313,249	51,175	68,600	113,419	80,055	77	16	8,945	148	48,998
60	Montgomery	193	1,470,958	89,076	614,686	333,997	433,199	217	51	51,002	849	343,282
61	Morris	41	65,001	4,130	16,450	23,300	21,121	44	3	1,920	37	16,837
62	Nemaha	107	144,753	13,160	32,780	45,983	52,830	119	2	940	85	30,463
63	Neosho	112	212,981	32,511	32,720	80,420	67,330	135	6	5,100	194	82,440
64	Ness	14	9,031	337	2,415	3,385	2,894	15			6	1,735
65	Norton	50	92,984	8,425	19,150	36,687	28,722	58			34	14,086
66	Osage	116	173,163	9,424	39,175	63,055	61,509	135	9	3,100	135	43,561
67	Osborne	35	96,017	8,330	19,580	40,920	27,187	39	1	75	33	13,315
68	Ottawa	78	175,270	17,280	37,510	66,760	53,720	91	1	750	96	37,238
69	Pawnee	34	109,235	6,675	25,850	41,320	35,390	40	1	1,200	61	25,705
70	Phillips	51	112,814	13,770	20,636	46,008	32,400	63			81	38,611
71	Pottawatomie	87	173,745	20,110	35,325	63,171	55,139	95	2	600	67	25,345
72	Pratt	17	36,118	2,975	5,980	12,355	14,808	18	2	1,440	13	5,572
73	Reno	200	1,299,247	89,651	356,610	419,658	433,328	243	52	36,166	737	294,681
74	Republic	82	104,713	6,665	23,935	31,865	42,248	104			72	21,185
75	Rice	77	241,178	13,625	47,900	95,818	83,835	87	9	12,680	147	54,098
76	Riley	91	219,253	24,655	54,705	73,128	66,765	108	8	4,770	124	47,581

BY COUNTIES: 1900.

Morton and Stanton counties.]

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
31,171	$15,444,390	3,162	$743,886	860	$129,413	$5,241,450	$578,022	$400,702	$3,922,668	$340,058	$129,485,320	$127,675,781	$1,809,539	$172,129,398	1
1,013	462,299	21	5,008	10	1,199	42,415	4,430	7,968	29,067	950	2,968,754	2,835,219	133,535	3,897,306	2
38	14,461	2	384	5	700	5,889	2,309	519	3,061	----------	94,981	93,012	1,969	158,829	3
777	404,281	146	30,162	12	1,540	100,003	17,256	8,145	69,602	5,000	2,052,203	2,007,117	45,086	3,083,736	4
40	16,238	5	894	----------	----------	3,838	1,706	374	1,758	----------	56,768	52,954	3,814	112,937	5
78	41,748	5	1,756	1	334	15,083	3,536	1,480	9,882	185	386,540	377,603	8,937	550,459	6
514	257,225	65	15,814	2	245	48,542	10,339	4,593	27,678	5,932	514,373	500,007	14,366	1,039,816	7
438	229,299	32	7,283	6	555	25,024	6,478	8,621	7,486	2,439	440,892	430,170	10,722	839,977	8
56	20,359	13	3,003	2	172	10,703	3,612	1,506	5,585	----------	132,600	128,334	4,266	238,069	9
63	45,487	2	421	----------	----------	3,288	1,936	504	548	300	60,727	58,198	2,529	146,328	10
29	12,383	----------	----------	----------	----------	2,416	824	522	1,070	----------	70,979	68,721	2,258	112,808	11
431	210,267	38	7,631	10	1,256	48,014	9,751	4,872	33,091	300	972,699	941,152	31,547	1,457,142	12
1	500	----------	----------	1	75	238	85	45	108	----------	2,250	2,137	113	5,935	13
2	500	----------	----------	----------	----------	241	144	34	63	----------	1,963	1,785	178	4,946	14
92	40,901	20	3,838	5	607	25,127	5,111	2,241	17,475	300	359,946	342,843	17,103	567,055	15
98	47,058	15	2,601	7	804	11,175	4,223	1,194	5,758	----------	235,394	229,596	5,798	379,858	16
74	31,358	27	5,304	----------	----------	10,307	2,612	1,591	6,104	----------	221,895	217,946	3,949	346,510	17
4	1,160	----------	----------	----------	----------	276	211	26	39	----------	3,477	3,204	273	8,565	18
557	267,615	40	10,121	14	1,422	96,344	13,043	14,585	68,676	40	1,697,304	1,656,993	40,311	2,402,579	19
1,227	586,688	64	14,390	19	2,110	75,717	17,953	10,051	47,338	375	1,629,559	1,537,207	92,352	2,448,488	20
15	5,235	5	1,030	2	150	1,910	279	226	1,305	100	57,872	55,503	2,369	88,569	21
344	151,842	29	5,003	10	1,460	52,232	4,993	5,039	41,050	1,150	1,280,181	1,257,299	22,882	1,677,969	22
66	26,504	3	249	5	486	7,379	2,390	1,102	2,102	1,785	122,307	118,614	3,693	220,915	23
813	315,960	164	34,538	16	1,876	74,873	18,689	7,517	45,582	3,085	1,275,453	1,242,761	32,692	2,003,029	24
14	5,354	1	140	1	120	1,784	1,010	215	559	----------	18,819	18,139	680	36,890	25
25	8,177	1	282	6	689	4,490	2,034	358	1,908	190	80,496	79,516	980	123,603	26
98	57,162	2	434	4	671	3,069	631	1,207	1,231	----------	237,925	232,425	5,500	338,874	27
70	35,288	4	1,674	1	75	14,354	1,837	2,242	6,275	4,000	129,721	123,125	6,596	214,900	28
3	1,160	4	685	5	409	2,403	837	280	1,286	----------	15,305	14,585	720	30,635	29
82	46,076	6	1,950	2	360	3,860	2,404	361	812	283	173,143	171,431	1,712	268,017	30
352	189,721	39	8,380	12	1,025	18,945	7,285	3,490	7,855	315	488,566	478,941	9,625	879,632	31
148	78,436	30	5,388	9	927	13,397	5,165	1,733	6,099	400	465,526	462,032	3,494	676,488	32
1	300	----------	----------	1	150	166	75	36	55	----------	2,034	1,785	249	7,025	33
----------	----------	----------	----------	3	233	186	100	22	64	----------	2,035	1,793	242	7,450	34
3	1,218	1	156	----------	----------	114	62	19	33	----------	5,947	5,717	230	9,720	35
45	16,811	10	1,595	5	637	7,805	4,258	733	2,279	535	103,558	99,698	3,860	183,962	36
4	1,600	----------	----------	4	690	581	128	237	216	----------	26,719	26,189	530	39,250	37
21	10,926	2	425	3	327	6,111	1,453	920	3,720	18	163,413	161,171	2,242	223,770	38
417	213,909	32	6,300	1	145	47,177	8,765	5,438	20,073	12,901	1,033,939	1,013,340	20,599	1,453,939	39
----------	----------	----------	----------	1	200	125	58	42	25	----------	4,502	4,267	235	6,870	40
96	38,620	24	4,409	3	253	12,774	4,027	1,481	6,149	1,117	166,121	162,099	4,022	316,771	41
68	29,729	13	3,430	5	460	29,130	2,069	1,124	25,937	----------	335,705	332,799	2,906	506,156	42
31	13,797	13	3,080	2	249	3,431	1,269	434	1,578	150	45,798	44,027	1,771	104,992	43
134	63,466	20	6,480	13	1,875	33,866	4,413	1,974	10,429	17,050	342,672	334,753	7,919	564,213	44
1	432	----------	----------	2	150	321	134	73	114	----------	1,460	1,285	175	5,175	45
31	12,800	9	1,664	1	150	3,076	1,786	377	913	----------	74,107	73,457	650	130,352	46
1	450	1	240	----------	----------	202	25	88	79	10	3,524	3,362	162	9,068	47
661	321,248	66	11,350	20	2,296	50,134	14,929	6,318	28,810	77	1,091,044	1,069,705	21,339	1,726,107	48
1,574	805,446	142	30,310	55	7,344	256,692	32,998	36,419	140,218	47,057	2,898,713	2,844,807	53,906	4,834,296	49
18	8,655	7	2,029	3	500	5,302	930	834	1,978	1,560	81,940	79,745	2,195	130,902	50
38	13,892	16	2,381	13	1,615	7,037	2,314	1,272	3,426	25	232,772	229,006	3,766	323,783	51
3	1,500	----------	----------	----------	----------	695	194	33	468	----------	23,170	22,420	750	27,610	52
227	109,704	31	8,290	7	711	34,401	10,705	3,114	14,037	6,545	393,085	384,215	8,870	698,350	53
135	62,268	16	2,657	6	777	26,532	4,087	2,549	19,694	202	671,007	655,234	15,773	886,817	54
129	58,699	9	1,591	5	638	12,156	3,410	1,731	7,015	----------	380,759	374,359	6,400	574,483	55
219	97,558	52	13,489	14	1,478	53,237	10,416	2,977	34,669	5,175	413,915	402,869	11,046	771,967	56
----------	----------	----------	----------	2	200	190	102	52	36	----------	1,841	1,784	57	4,555	57
518	292,495	28	4,479	2	171	24,365	6,403	3,817	13,869	276	602,888	594,177	8,711	1,023,371	58
132	46,175	9	2,100	7	723	18,037	4,528	2,208	11,301	----------	492,765	476,952	15,813	667,712	59
726	320,032	94	20,403	29	2,847	97,503	11,006	8,074	72,083	6,340	1,713,851	1,665,243	48,608	2,546,879	60
33	16,361	2	400	2	76	2,992	1,383	637	837	135	60,386	58,129	2,257	108,458	61
64	25,934	15	3,794	6	735	8,178	4,623	910	2,620	25	120,455	116,833	3,622	243,875	62
153	72,710	35	8,934	6	796	14,609	5,773	1,412	6,774	650	222,005	218,059	3,946	404,491	63
4	1,435	1	100	1	200	423	140	131	122	30	6,165	5,837	328	14,661	64
29	13,101	4	818	1	167	3,114	1,150	662	1,302	----------	86,617	83,846	2,771	143,582	65
113	33,859	18	4,033	4	669	10,622	3,526	1,318	5,060	718	202,193	197,282	4,911	351,992	66
28	12,315	3	550	2	450	4,429	850	1,332	2,247	----------	89,966	88,261	1,705	141,327	67
74	32,401	20	4,312	2	525	11,031	3,403	1,265	3,263	3,100	224,448	220,902	3,546	361,985	68
54	23,745	7	1,960	----------	----------	4,917	963	1,131	2,823	----------	165,495	161,482	4,013	241,109	69
76	37,255	3	658	2	698	3,553	1,631	678	1,147	97	132,370	128,677	3,693	231,628	70
60	23,705	5	1,488	2	152	9,724	3,716	1,207	4,310	491	157,058	153,873	3,185	261,708	71
11	5,272	1	200	1	100	1,229	339	357	482	51	38,155	37,790	365	60,193	72
648	275,420	86	18,850	3	411	86,740	16,956	8,592	60,862	330	1,432,519	1,307,009	125,510	2,197,981	73
47	18,189	21	2,396	4	600	7,424	3,046	677	2,951	750	85,963	82,960	3,003	179,816	74
132	50,989	15	3,109	----------	----------	10,908	1,912	1,496	7,396	104	314,316	296,488	17,828	527,035	75
104	43,602	19	3,907	1	72	12,405	4,329	1,845	6,141	90	199,249	194,194	5,055	356,726	76

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
77	Rooks	34	$64,840	$4,380	$19,430	$20,230	$20,800	35			28	$9,341
78	Rush	20	47,720	2,015	11,950	21,115	12,640	24	2	$135	12	3,745
79	Russell	36	92,512	2,995	20,680	30,674	38,163	39	1	660	19	8,225
80	Saline	145	746,543	57,545	219,308	182,789	286,901	164	60	32,814	357	141,310
81	Scott	3	2,435	10	50	2,150	225	3			3	770
82	Sedgwick	377	2,197,772	208,295	419,583	742,651	827,243	429	152	119,280	1,544	653,175
83	Seward	9	3,839	92	301	2,441	1,005	15			4	1,174
84	Shawnee	440	4,083,939	226,586	911,353	1,376,495	1,569,505	511	330	242,730	3,936	2,181,463
85	Sheridan	9	13,416	280	2,860	7,476	2,800	9			6	2,631
86	Sherman	8	55,474	580	40,628	7,025	7,241	6	5	4,416	56	33,391
87	Smith	60	126,647	9,133	27,124	55,905	34,485	67	1	900	53	21,146
88	Stafford	38	90,340	3,485	19,735	25,250	41,870	45	2	1,450	35	13,028
89	Sumner	148	510,142	20,330	126,960	168,411	194,441	163	22	22,142	281	124,343
90	Thomas	16	26,278	2,010	9,315	8,300	6,653	16			17	6,137
91	Wabaunsee	89	115,892	10,059	23,080	35,590	47,163	102	5	2,816	58	19,458
92	Washington	104	156,515	12,800	41,662	44,455	57,598	125			75	25,639
93	Wilson	55	340,682	13,145	56,395	159,272	111,870	61	6	5,560	112	47,867
94	Woodson	40	74,610	2,940	15,630	29,575	26,465	48	2	480	35	12,405
95	Wyandotte	568	29,848,694	1,506,809	6,635,233	6,691,874	15,014,778	621	2,144	1,962,954	12,084	5,765,884
96	All other counties[1]	12	35,037	845	5,545	15,825	12,822	15			8	2,325

[1] Includes establishments distributed as follows: Grant, 1; Greeley, 1; Haskell, 2; Lane, 1; Rawlins, 1; Stevens, 1; Trego, 2; Wallace, 1; Wichita, 2.

TABLE 7.—MANUFACTURES BY

1	All industries	7,830	$66,827,362	$5,683,636	$15,503,097	$17,298,921	$28,341,708	8,872	3,860	$3,256,086	35,193	$16,317,689
2	Agricultural implements	4	19,750	400	1,500	3,850	14,000	10	6	1,075	11	2,460
3	Awnings, tents, and sails	7	6,045			1,825	4,220	7	3	1,800	14	4,776
4	Baking and yeast powders	5	7,785	10	250	1,200	6,325	7	2	1,200	11	3,530
5	Bicycle and tricycle repairing	62	80,539	1,750	6,625	32,835	39,329	76	1	468	52	20,588
6	Blacksmithing and wheelwrighting	1,414	1,257,076	172,048	323,927	325,783	435,318	1,624	2	750	618	255,082
7	Boots and shoes, custom work and repairing.	297	110,225	12,440	21,138	32,237	44,410	304	1	300	76	32,684
8	Bottling	4	18,500	1,600	5,000	4,400	7,500	6	4	2,150	12	5,500
9	Boxes, wooden packing	9	223,655	22,600	48,900	73,875	78,280	8	17	11,840	264	88,850
10	Bread and other bakery products	174	324,999	47,905	113,870	71,757	91,467	187	42	16,130	380	139,014
11	Brick and tile	57	754,710	96,513	220,186	251,944	186,067	67	49	29,184	905	314,330
12	Bridges	3	126,450			25,450	101,000	3	10	16,200	208	124,060
13	Brooms and brushes	62	72,554	6,780	17,942	10,510	37,322	73	11	6,595	115	39,733
14	Carpentering	475	559,785	52,529	75,955	117,658	313,643	569	50	21,715	1,760	844,579
15	Carpets, rag	32	11,520	2,117	4,453	3,059	1,891	32			7	1,428
16	Carriages and wagons	73	271,122	29,785	55,510	44,125	141,702	91	21	12,880	239	102,276
17	Cars and general shop construction and repairs by steam railroad companies.	37	2,931,699	358,213	853,770	861,867	857,849		175	167,786	5,592	3,476,400
18	Cheese, butter, and condensed milk, factory product.	171	1,139,595	41,280	366,271	492,663	239,381	106	97	40,908	395	167,293
19	Clothing, men's, custom work and repairing.	250	304,268	17,710	52,250	35,709	198,599	277	7	6,620	575	252,189
20	Clothing, men's, factory product	3	93,809	1,500	1,500	5,750	85,059	5	10	4,977	101	18,989
21	Clothing, women's, dressmaking	130	47,776	5,650	13,775	10,635	17,716	147	1	275	323	54,936
22	Coke	8	44,267	400	1,057	38,534	4,276	4	4	2,920	28	11,425
23	Confectionery	61	126,621	12,800	25,000	49,033	39,788	70	14	16,700	155	46,194
24	Cooperage	14	186,661	27,950	18,450	28,949	111,312	13	8	5,086	223	95,574
25	Druggists' preparations, not including prescriptions.	14	22,220	2,000	4,500	2,770	12,950	16	2	1,000	10	8,580
26	Dyeing and cleaning	12	8,422	2,500	1,800	1,695	2,427	12			11	4,366
27	Electrical construction and repairs	4	129,822			5,698	124,124	3	7	2,895	21	11,169
28	Fertilizers	3	229,733	19,000	66,450	44,448	99,835	1	5	6,300	155	70,882
29	Flouring and grist mill products	533	8,366,966	625,680	1,915,743	2,702,193	3,123,350	639	281	267,737	1,451	743,462
30	Food preparations	5	8,100			3,300	4,800	5	8	3,570	14	4,058
31	Foundry and machine shop products	94	2,450,324	205,385	497,952	554,256	1,192,731	105	117	122,323	1,246	716,683
32	Fruits and vegetables, canning and preserving.	5	30,300	4,200	10,702	8,766	6,632	2	11	3,254	116	17,148
33	Furniture, cabinetmaking, repairing, and upholstering.	63	197,540	38,790	91,100	29,580	38,070	75	1	180	40	14,321
34	Furniture, factory product	10	242,931	9,526	32,628	51,408	149,369	10	30	21,582	220	72,949
35	Gas, illuminating and heating	17	1,414,636	123,657	137,672	1,012,067	141,240		50	25,595	85	48,562
36	Gas machines and meters	3	6,000		500	950	4,550	4			3	1,560
37	Hand stamps	3	3,250			1,700	1,550	3			5	2,454
38	Ice, manufactured	19	425,199	24,870	68,500	295,779	36,050	18	20	13,420	114	55,427
39	Lime and cement	13	617,191	185,532	87,133	159,943	184,583	4	39	36,543	167	60,727
40	Lock and gun smithing	39	35,975	2,050	6,025	11,900	16,000	41			14	5,235
41	Looking-glass and picture frames	13	17,465	300	300	2,120	14,745	12			10	4,280
42	Lumber and timber products	54	85,194	19,841	4,760	47,978	12,615	68			76	22,897
43	Lumber, planing mill products, including sash, doors, and blinds.	28	344,265	38,850	55,400	103,350	146,665	32	19	14,340	297	134,371
44	Marble and stone work	40	158,880	27,695	17,920	57,345	55,920	49	17	11,550	264	141,976
45	Masonry, brick and stone	97	150,148	14,090	18,385	19,595	98,078	113			602	315,841
46	Mattresses and spring beds	13	60,254	8,200	4,100	13,363	39,591	14	10	6,245	82	29,433

BY COUNTIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
23	$8,737	4	$508	1	$96	$2,158	$908	$500	$750	----------	$110,005	$107,028	$2,977	$172,225	77
9	3,120	1	455	2	170	1,389	275	210	372	$532	31,949	30,567	1,382	54,105	78
17	7,704	2	521	----------	----------	3,443	563	670	1,910	300	60,529	58,191	2,338	100,588	79
287	127,414	57	12,160	13	1,736	96,668	10,280	3,690	65,316	17,382	995,790	977,186	18,604	1,476,084	80
2	520	1	250	----------	----------	158	71	12	75	----------	626	544	82	3,200	81
1,318	605,762	202	43,380	24	4,033	184,310	50,159	11,256	85,220	37,675	3,098,757	3,045,070	53,687	4,844,815	82
3	984	----------	----------	1	190	578	320	78	180	----------	12,615	12,198	417	22,200	83
3,548	2,091,174	356	86,128	32	4,161	424,311	68,766	34,301	247,256	73,988	6,198,363	6,060,563	137,800	10,318,566	84
6	2,631	----------	----------	----------	----------	667	142	113	412	----------	18,439	17,819	620	30,620	85
56	33,391	----------	----------	----------	----------	1,136	120	785	231	----------	67,574	63,637	3,937	112,691	86
38	18,422	11	2,232	4	492	4,225	1,305	997	1,905	18	191,298	188,121	3,177	296,765	87
30	11,755	5	1,273	----------	----------	2,472	722	589	896	265	202,727	197,908	4,819	252,694	88
236	115,891	38	7,599	7	853	40,456	8,060	3,976	26,733	1,687	872,831	849,101	23,730	1,257,042	89
17	6,137	----------	----------	----------	----------	1,254	517	201	536	----------	35,565	33,654	1,911	58,968	90
50	18,378	6	830	2	250	5,597	1,854	760	2,823	160	126,704	123,912	2,792	222,562	91
65	22,898	9	2,401	1	340	7,991	2,697	1,037	4,106	151	148,239	145,573	2,666	278,985	92
101	45,970	7	1,363	4	534	27,426	1,281	2,303	23,821	21	235,651	218,732	16,919	380,029	93
30	11,609	4	571	1	225	4,142	1,301	740	2,077	24	84,661	83,207	1,454	134,363	94
10,908	5,466,828	823	233,045	353	66,011	2,785,044	90,948	139,554	2,479,425	75,117	85,836,500	85,246,813	589,687	104,063,058	95
2	1,300	2	440	4	585	1,045	236	243	566	----------	61,235	59,508	1,727	76,862	96

SPECIFIED INDUSTRIES: 1900.

31,171	$15,444,390	3,162	$743,886	860	$129,413	$5,241,450	$578,022	$400,702	$3,922,668	$340,058	$129,485,320	$127,675,781	$1,809,539	$172,129,398	1
11	2,460	----------	----------	----------	----------	856	138	----------	358	360	10,819	10,590	229	18,275	2
10	3,150	4	1,626	----------	----------	1,058	757	31	270	----------	14,175	14,057	118	27,750	3
5	2,530	3	800	3	200	1,075	615	39	221	200	12,143	11,944	199	29,909	4
50	20,293	1	100	1	195	10,574	6,563	389	3,532	90	46,131	43,987	2,144	130,353	5
611	254,108	----------	----------	7	974	57,039	28,194	9,773	17,411	1,661	545,581	488,756	56,825	1,795,685	6
75	32,559	1	125	----------	----------	19,552	13,931	744	4,672	205	109,385	106,525	2,860	307,383	7
12	5,500	----------	----------	----------	----------	1,652	380	110	1,162	----------	32,936	32,566	370	49,341	8
205	75,240	12	3,744	47	9,866	12,315	1,295	1,453	9,567	----------	338,938	337,444	1,494	485,322	9
288	121,221	80	16,163	12	1,630	39,135	21,975	3,848	13,312	----------	518,064	495,324	22,740	979,315	10
892	312,594	----------	----------	13	1,736	57,709	1,284	5,343	43,982	7,100	156,294	35,226	121,068	724,351	11
208	124,060	----------	----------	----------	----------	18,619	230	18,389	----------	----------	467,393	466,393	1,000	677,000	12
100	36,610	3	1,050	12	2,073	3,326	1,100	416	1,770	40	111,728	111,020	708	209,004	13
1,751	841,696	4	1,720	5	1,163	236,604	14,985	3,371	11,328	206,920	2,076,152	2,071,593	4,559	3,867,751	14
2	788	5	640	----------	----------	669	410	83	176	----------	11,392	11,191	201	26,216	15
233	100,930	1	300	5	1,046	20,418	6,361	2,388	9,512	2,157	150,693	145,175	5,518	377,134	16
5,590	3,476,251	----------	----------	2	149	101,457	----------	37,799	63,658	----------	3,071,173	2,993,808	77,365	6,816,816	17
386	164,908	7	2,035	2	350	71,383	5,569	7,456	57,946	412	3,062,335	3,003,797	58,538	3,652,530	18
422	214,016	148	37,701	5	472	49,793	35,949	1,904	11,290	650	367,140	360,114	7,026	931,736	19
11	4,602	90	14,387	----------	----------	2,262	850	330	1,082	----------	63,027	62,305	722	98,710	20
----------	----------	323	54,936	----------	----------	9,248	7,389	290	1,421	148	50,446	49,096	1,350	195,091	21
28	11,425	----------	----------	----------	----------	12,069	260	639	11,170	----------	28,136	26,514	1,622	32,270	22
92	34,749	57	10,814	6	631	21,205	11,289	1,466	8,350	100	211,070	203,533	7,537	383,310	23
218	94,944	----------	----------	5	630	9,164	2,157	1,350	5,657	----------	190,705	189,408	1,297	402,805	24
10	3,580	----------	----------	----------	----------	3,088	1,498	234	1,356	----------	10,870	10,125	745	28,236	25
10	4,020	1	346	----------	----------	1,524	1,050	87	387	----------	1,655	1,281	374	15,317	26
21	11,169	----------	----------	----------	----------	1,898	564	30	1,304	----------	27,344	26,951	393	52,523	27
155	70,882	----------	----------	----------	----------	52,380	40	2,000	50,340	----------	411,139	381,939	29,200	549,943	28
1,441	741,891	8	1,221	2	350	447,747	26,264	69,034	347,799	4,650	18,595,258	18,338,263	256,995	21,926,768	29
6	2,518	7	1,390	1	150	4,189	532	51	3,606	----------	21,772	20,417	1,355	41,395	30
1,234	714,144	2	700	10	1,839	113,929	6,324	12,887	87,787	6,931	1,470,774	1,398,278	72,496	2,804,268	31
51	10,124	51	5,564	14	1,460	11,722	596	363	10,763	----------	68,465	66,866	1,599	113,675	32
35	13,839	3	380	2	102	5,732	3,350	574	1,808	----------	38,192	37,495	697	99,453	33
176	66,403	13	3,164	31	3,382	18,800	1,963	1,267	3,507	12,063	141,615	137,990	3,625	302,339	34
85	48,562	----------	----------	----------	----------	40,651	100	10,395	30,156	----------	106,597	96,436	10,161	325,465	35
3	1,560	----------	----------	----------	----------	321	121	----------	200	----------	2,165	2,085	80	5,050	36
4	2,154	1	300	----------	----------	402	276	15	111	----------	1,455	1,415	40	6,440	37
113	55,217	1	210	----------	----------	15,715	601	2,849	12,265	----------	55,784	17,343	38,441	196,310	38
166	60,367	1	360	----------	----------	40,164	4,475	1,404	25,169	9,116	88,056	58,344	29,712	314,451	39
14	5,235	----------	----------	----------	----------	3,676	2,704	277	645	50	15,971	15,452	519	49,820	40
7	3,630	3	650	----------	----------	3,009	2,109	128	472	300	14,168	13,896	272	31,930	41
75	22,747	----------	----------	1	150	3,827	1,635	678	1,514	----------	43,251	43,176	75	104,182	42
294	133,921	1	150	2	300	14,301	1,024	2,067	11,010	200	311,907	305,946	5,961	559,203	43
262	141,776	----------	----------	2	200	10,344	4,575	1,022	3,147	1,600	66,343	63,608	2,735	314,681	44
602	315,841	----------	----------	----------	----------	49,743	3,293	667	7,958	37,825	604,877	603,277	1,600	1,137,337	45
63	24,854	18	4,299	1	280	4,827	2,192	442	2,193	----------	93,601	92,251	1,350	156,736	46

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
47	Millinery, custom work	461	$531,130	$24,455	$64,865	$27,524	$414,286	561	41	$14,198	650	$143,767
48	Mineral and soda waters	50	177,389	19,575	32,550	81,930	43,334	66	4	1,745	83	30,277
49	Monuments and tombstones	73	164,185	10,820	12,416	12,000	128,949	93	32	18,676	144	64,271
50	Painting, house, sign, etc	215	168,140	10,934	16,589	29,122	111,495	266	14	6,931	469	226,270
51	Paper hanging	25	26,298	2,500	3,650	2,565	17,583	35	8	486	54	30,045
52	Patent medicines and compounds	22	51,865	2,850	5,175	10,010	33,830	34	45	11,880	68	16,820
53	Paving and paving materials	44	184,779	47,831	28,750	41,813	66,385	53	6	3,614	564	239,947
54	Photography	224	220,444	19,280	49,743	104,950	46,471	236	4	1,012	99	35,404
55	Plastering and stuccowork	60	20,596	3,170	5,650	4,391	7,385	74			116	66,506
56	Plumbing, and gas and steam fitting	88	302,607	18,225	33,475	39,300	211,607	111	18	12,040	323	163,701
57	Pottery, terra cotta, and fire-clay products.	3	19,700	1,300	4,200	9,400	4,800	3	1	1,200	22	11,520
58	Printing and publishing, book and job	66	598,851	12,500	10,900	348,323	227,128	77	43	88,695	384	188,675
59	Printing and publishing, newspapers and periodicals.	595	1,920,636	63,700	222,375	1,131,989	502,572	701	169	107,369	1,766	623,783
60	Roofing and roofing materials	12	19,685	1,500	1,800	3,950	12,435	16			25	10,386
61	Saddlery and harness	477	1,297,366	99,665	236,031	106,228	855,442	543	32	21,495	516	229,211
62	Salt	8	960,733	68,732	363,454	266,869	261,678	2	32	36,010	450	168,034
63	Sewing machine repairing	4	4,290		200	1,225	2,865	4			6	1,800
64	Shirts	4	41,100	1,300	15,300	5,800	18,700	6	3	2,435	88	13,944
65	Slaughtering and meat packing, wholesale.	11	16,410,477	771,728	2,639,200	1,658,062	11,341,487	8	1,830	1,620,010	8,068	3,543,777
66	Slaughtering, wholesale, not including meat packing.	3	75,700	21,500	19,000	20,700	14,500	1	11	11,856	49	31,272
67	Soap and candles	7	947,182	74,100	154,000	186,076	533,006	10	58	63,551	177	75,273
68	Sugar and molasses, refining	14	9,275	1,075	1,840	4,655	1,705	14			12	2,563
69	Surgical appliances	3	105,483	5,500	13,000	17,135	69,848	2	26	14,319	47	11,826
70	Tinsmithing, coppersmithing, and sheet-iron working.	337	649,654	95,475	177,392	125,173	251,614	405	8	3,470	451	224,975
71	Tobacco, cigars and cigarettes	169	408,086	21,750	60,045	26,373	299,918	191	14	9,504	495	190,699
72	Trunks and valises	3	27,589	1,500	5,000	2,950	18,139	3	4	3,686	39	11,951
73	Vinegar and cider	16	49,166	3,625	9,630	23,850	12,061	18	2	1,800	23	6,794
74	Washing machines and clothes wringers.	4	3,885	600	600	2,325	360	4				
75	Watch, clock, and jewelry repairing	293	290,948	23,155	48,415	95,601	123,777	309	6	3,336	134	59,134
76	Windmills	6	23,495	560	4,400	6,500	12,035	10	1	600	11	5,994
77	Wirework, including wire rope and cable.	8	22,433	1,290	2,400	3,700	15,043	12			12	3,075
78	Zinc, smelting and refining	11	5,218,529	1,684,026	2,206,702	405,464	922,337	2	40	60,800	1,487	705,803
79	All other industries [1]	80	12,151,440	310,269	3,805,451	4,839,116	3,196,604	90	261	281,275	1,296	596,921

[1] Embraces bags, other than paper, 1; baskets, and rattan and willow ware, 1; bookbinding and blank book making, 2; boots and shoes, factory product, 1; boxes, cigar, 2; boxes, fancy and paper, 2; butter, reworking, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by street railroad companies, 1; coffee and spice, roasting and grinding, 1; coffins, burial cases, and undertakers' goods, 1; cordage and twine, 1; cordials and sirups, 1; cutlery and edge tools, 1; dentists' materials, 1; electroplating, 1; engraving, steel, including plate printing, 1; explosives, 1; fancy articles, not elsewhere specified, 2; flavoring extracts, 1; fur goods, 1; furnishing goods, men's, 2; gas and lamp fixtures, 1; gloves and mittens, 1; grease and tallow, 1; hardware, 1; hosiery and knit goods, 1; house furnishing goods, not elsewhere specified, 2; iron and steel, 1; ironwork, architectural and ornamental, 2; jewelry, 2; labels and tags, 1; lamps and

TABLE 8.—MANUFACTURES IN CITIES

KANSAS CITY.

1	All industries	492	$18,633,475	$1,063,395	$3,062,529	$2,092,747	$12,414,804	538	2,075	$1,918,251	10,544	$4,886,259
2	Blacksmithing and wheelwrighting	33	24,340	5,700	5,750	4,915	7,975	40			29	15,059
3	Boots and shoes, custom work and repairing.	29	11,351	1,300	878	1,855	7,318	29	1	300	8	4,139
4	Boxes, wooden packing	4	215,385	22,000	48,000	70,735	74,650	3	17	11,840	252	85,420
5	Bread and other bakery products	19	20,345	1,800	4,600	6,170	7,775	19	6	1,420	33	16,463
6	Brooms and brushes	3	8,925		150	2,175	6,600	4			22	9,100
7	Carpentering	72	72,836	13,525	16,615	12,141	30,555	81			221	152,544
8	Carriages and wagons	5	16,950	1,750	4,600	3,550	7,050	7			17	9,600
9	Clothing, men's, custom work and repairing.	17	23,610		500	2,495	20,615	17	4	3,600	34	18,740
10	Clothing, women's, dressmaking	27	9,881	1,250	3,200	1,910	3,521	30			29	6,338
11	Confectionery	3	3,605	350	350	2,083	822	5			8	3,600
12	Cooperage	4	146,836	22,500	9,000	25,389	89,947	3	8	5,086	198	86,858
13	Flouring and grist mill products	7	55,570	3,000	5,400	9,620	37,550	13	7	3,500	22	13,251
14	Foundry and machine shop products	6	687,523	108,255	156,890	142,912	279,466	4	21	19,522	290	223,155
15	Furniture, cabinetmaking, repairing, and upholstering.	6	1,675			590	1,085	5			4	1,792
16	Masonry, brick and stone	38	46,855	8,550	13,435	4,565	20,305	42			216	144,507
17	Millinery, custom work	9	10,261	1,400	1,750	190	6,921	10			10	1,836
18	Painting, house, sign, etc	35	26,420	4,000	6,550	3,850	12,020	41	1	300	71	49,090
19	Paper hanging	7	3,375	50	25	600	2,700	9	1	156	11	6,483
20	Patent medicines and compounds	3	1,165			40	1,125	6			2	572
21	Paving and paving materials	13	71,900	8,925	11,950	13,775	42,250	15			253	118,060
22	Photography	7	4,065	305	1,400	1,515	845	7			4	1,819
23	Plastering and stuccowork	17	6,700	1,075	1,975	850	2,800	19			44	29,606
24	Plumbing, and gas and steam fitting	11	12,845			4,700	8,145	13	1	450	38	25,565
25	Printing and publishing, book and job	5	12,400			10,300	2,100	7			12	5,443
26	Printing and publishing, newspapers and periodicals.	11	83,165	600	1,700	24,400	6,765	11	6	4,260	31	13,905

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
1	$520	645	$142,867	4	$380	$80,719	$56,128	$4,562	$19,711	$318	$680,669	$675,068	$5,601	$1,296,103	47
73	28,710	3	602	7	965	8,385	2,107	1,407	4,388	483	56,111	54,734	1,377	176,437	48
141	63,846	1	250	2	175	9,684	4,495	923	4,238	28	226,098	224,828	1,270	412,792	49
464	225,453	3	500	2	317	24,369	15,617	1,053	6,814	885	267,653	266,670	983	746,977	50
54	30,045	------	------	------	------	2,963	1,503	178	1,282	------	29,040	28,960	80	94,129	51
47	13,016	18	3,700	1	104	18,993	1,702	453	16,838	------	36,760	36,331	429	123,335	52
563	239,647	------	------	1	300	30,533	2,085	2,615	10,700	15,133	588,965	546,496	42,469	969,621	53
53	24,149	44	11,137	2	118	32,951	20,391	1,581	10,535	444	117,850	114,060	3,790	385,090	54
115	66,194	------	------	1	312	2,868	1,320	166	582	800	91,028	90,908	120	221,157	55
316	162,411	3	904	4	386	24,954	12,019	2,087	8,998	1,850	453,342	450,383	2,959	810,010	56
22	11,520	------	------	------	------	564	------	145	419	------	5,824	3,166	2,658	29,060	57
317	173,072	64	15,275	3	328	52,039	13,715	2,777	35,047	500	258,242	250,041	8,201	662,869	58
1,144	502,408	364	89,439	258	31,936	195,520	50,552	12,714	113,509	18,745	533,452	503,019	30,433	2,348,453	59
25	10,386	------	------	------	------	1,541	730	180	631	------	13,223	13,013	210	32,261	60
508	227,641	2	1,000	6	570	65,991	32,269	10,342	23,233	147	830,030	821,671	8,359	1,580,553	61
429	163,724	21	4,310	------	------	52,798	500	5,793	46,505	------	327,890	208,854	119,036	717,449	62
2	1,120	4	680	------	------	458	276	10	172	------	1,080	990	90	5,740	63
14	3,924	74	10,020	------	------	1,577	246	465	866	------	14,984	14,175	809	41,100	64
7,121	3,299,359	661	190,802	286	53,616	2,000,035	44,460	108,644	1,846,931	------	67,402,245	67,066,018	336,227	76,829,139	65
49	31,272	------	------	------	------	3,736	720	226	2,790	------	506,715	504,175	2,540	582,744	66
131	65,207	38	8,781	8	1,285	197,436	2,200	3,935	191,301	------	698,897	683,327	15,570	1,083,337	67
11	2,445	1	118	------	------	141	------	46	95	------	6,294	5,685	609	10,720	68
23	7,034	24	4,792	------	------	51,474	1,000	700	49,774	------	35,942	35,339	603	151,278	69
445	224,182	------	------	6	793	39,417	21,337	5,478	11,602	1,000	494,346	485,959	8,387	1,045,660	70
339	151,759	117	34,312	39	4,628	128,569	17,382	2,992	108,195	------	283,808	281,218	2,590	789,780	71
29	10,033	9	1,768	1	150	3,047	1,516	501	1,030	------	21,326	20,712	614	47,148	72
22	6,644	1	150	------	------	1,807	781	316	710	------	24,869	23,129	1,740	57,028	73
------	------	------	------	------	------	125	110	------	15	------	1,355	1,296	59	4,050	74
118	55,726	8	2,181	8	1,227	35,824	24,596	2,452	8,536	240	78,311	75,218	3,093	352,705	75
11	5,994	------	------	------	------	1,422	464	138	820	------	12,017	11,422	595	27,725	76
12	3,075	------	------	------	------	1,134	246	88	800	------	27,361	26,949	412	41,144	77
1,485	704,903	2	900	------	------	81,169	7,800	11,023	62,346	------	4,678,946	4,474,773	204,173	5,790,144	78
1,060	539,903	206	54,523	30	2,495	484,036	12,788	12,630	451,911	6,707	16,843,532	16,673,994	169,538	23,310,081	79

reflectors, 2; lard, refined, 1; lead, smelting and refining, 2; leather, tanned, curried, and finished, 1; liquors, malt, 2; liquors, vinous, 2; lithographing and engraving, 1; mirrors, 1; models and patterns, 2; oil, cottonseed and cake, 1; oil, linseed, 1; oil, not elsewhere specified, 1; oleomargarine, 2; optical goods, 1; paints, 1; paper and wood pulp, 2; perfumery and cosmetics, 2; petroleum, refining, 1; pickles, preserves, and sauces, 1; plumbers' supplies, 1; pumps, not including steam pumps, 2; scales and balances, 2; sewing machines and attachments, 1; steam packing, 1; tools, not elsewhere specified, 1; upholstering materials, 2; wood, turned and carved, 2; woolen goods, 1.

BY SPECIFIED INDUSTRIES: 1900.

KANSAS CITY.

9,384	$4,589,885	812	$230,933	348	$65,441	$2,643,077	$88,336	$122,694	$2,356,976	$75,071	$70,386,491	$69,914,739	$471,752	$82,768,943	1
28	14,851	------	------	1	208	3,287	2,163	346	778	------	18,696	17,253	1,443	63,900	2
8	4,139	------	------	------	------	2,158	1,797	64	297	------	10,188	9,972	216	34,626	3
196	71,940	12	3,744	44	9,786	11,923	1,100	1,386	9,437	------	327,423	326,014	1,409	464,050	4
29	15,352	4	1,111	------	------	3,621	2,397	84	1,140	------	54,524	51,828	2,696	105,214	5
22	9,100	------	------	------	------	1,049	192	62	795	------	13,365	13,185	180	26,800	6
220	152,336	------	------	1	208	40,277	2,960	760	4,047	32,510	405,506	404,773	733	709,490	7
16	9,300	1	300	------	------	937	60	125	752	------	17,196	16,559	637	35,620	8
31	17,550	8	1,190	------	------	8,104	1,928	121	1,055	------	34,993	34,756	237	85,769	9
------	------	29	6,338	------	------	1,527	984	89	454	------	10,732	10,487	245	33,807	10
6	3,100	2	500	------	------	641	456	20	165	------	7,190	6,840	350	17,800	11
193	86,228	------	------	5	630	6,948	2,120	970	3,858	------	154,956	153,926	1,030	349,270	12
22	13,251	------	------	------	------	10,041	3,461	724	5,856	------	479,459	474,604	4,855	525,496	13
288	222,972	------	------	2	183	23,068	240	2,898	19,839	91	415,097	384,422	30,675	776,308	14
4	1,792	------	------	------	------	575	464	------	111	------	1,690	1,650	40	6,895	15
216	144,507	------	------	------	------	32,936	1,850	397	4,989	25,700	323,479	322,237	1,242	570,586	16
------	------	10	1,836	------	------	1,767	813	84	870	------	9,802	9,777	25	18,111	17
71	49,090	------	------	------	------	4,695	2,596	204	1,895	------	56,361	56,148	213	147,150	18
11	6,483	------	------	------	------	596	420	26	150	------	5,635	5,625	10	20,172	19
1	312	1	260	------	------	541	211	------	330	------	725	700	25	4,150	20
252	117,760	------	------	1	300	25,991	534	1,892	8,665	14,900	435,651	396,672	38,979	632,906	21
3	1,585	1	234	------	------	1,009	692	47	254	16	3,698	3,688	10	13,401	22
44	29,606	------	------	------	------	1,386	700	54	332	300	30,566	30,496	70	78,397	23
38	25,565	------	------	------	------	2,224	1,309	40	875	------	59,771	59,486	285	105,886	24
10	4,935	2	508	------	------	1,171	544	99	528	------	6,170	5,725	445	18,300	25
27	12,769	8	1,040	1	96	4,920	2,573	278	2,015	54	16,704	16,087	617	59,068	26

TABLE 8.—MANUFACTURES IN CITIES

KANSAS CITY—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
27	Roofing and roofing materials	3	$4,830			$850	$3,980	6			5	$3,020
28	Saddlery and harness	6	12,660		$100	1,270	11,290	7			5	4,600
29	Slaughtering and meat packing, wholesale.	5	15,038,901	$684,128	2,309,000	1,298,776	10,746,997	2	1,760	$1,567,580	7,664	3,350,238
30	Slaughtering, wholesale, not including meat packing.	3	75,700	21,500	19,000	20,700	14,500	1	11	11,856	49	31,272
31	Soap and candles	3	904,957	71,500	141,500	179,057	512,900	5	57	62,651	164	69,003
32	Tinsmithing, coppersmithing, and sheet-iron working.	23	31,103	2,400	6,340	6,370	15,993	27	3	1,780	59	36,789
33	Tobacco, cigars and cigarettes	10	10,370	770	1,800	625	7,175	10			8	4,586
34	Watch, clock, and jewelry repairing	14	12,950	150	250	3,650	8,900	11	1	900	7	2,842
35	All other industries [1]	34	1,014,021	81,912	289,821	230,124	412,164	29	170	223,050	724	340,964

[1] Embraces awnings, tents, and sails, 1; bicycle and tricycle repairing, 1; brick and tile, 1; cars and general shop construction and repairs by steam railroad companies, 1; clothing, men's, factory product, 1; coffins, burial cases, and undertakers' goods, 1; fancy articles, not elsewhere specified, 1; fertilizers, 2; furnishing goods, men's, 1; furniture, factory product, 2; gas, illuminating and heating, 1; gas machines and meters, 1; grease and tallow, 1; house furnishing goods, not else-

LEAVENWORTH.

1	All industries	220	$3,207,111	$220,436	$559,313	$693,285	$1,734,077	252	232	$211,761	1,750	$833,576
2	Blacksmithing and wheelwrighting	16	16,949	6,050	3,900	2,455	4,544	18			9	4,134
3	Boots and shoes, custom work and repairing.	9	1,261			810	451	10				
4	Bread and other bakery products	11	54,530	7,500	23,400	6,400	17,230	12	5	2,276	36	11,674
5	Carpentering	17	111,365	3,750	7,550	4,945	95,120	19	3	2,620	106	56,693
6	Carriages and wagons	6	89,651	9,600	18,300	8,350	53,401	7	18	9,980	58	23,146
7	Clothing, men's, custom work and repairing.	10	25,223			1,175	24,048	11			29	16,770
8	Clothing, women's, dressmaking	9	4,985	700	1,550	880	1,855	9			45	8,484
9	Confectionery	3	1,350			450	900	3			5	1,422
10	Flouring and grist mill products	5	408,033	40,510	62,095	88,563	216,835	5	15	15,390	55	26,640
11	Foundry and machine shop products	6	824,216	30,670	178,972	106,238	508,336	7	58	76,711	320	197,381
12	Furniture, factory product	4	201,831	7,226	28,628	40,428	125,549	2	25	17,882	159	50,216
13	Marble and stone work	3	18,470	4,000	3,000	1,095	10,375	4	3	1,200	6	3,050
14	Masonry, brick and stone	4	24,705	1,800	1,500	305	21,100	4			30	16,850
15	Millinery, custom work	8	26,275			485	25,790	13	6	3,162	23	10,017
16	Mineral and soda waters	3	12,125	1,300	2,300	5,800	2,725	5			8	3,322
17	Painting, house, sign, etc	8	21,944			1,330	20,614	7	4	1,956	41	22,016
18	Paving and paving materials	3	11,610	6,600	1,500	1,010	2,500	3	3	2,010	35	14,872
19	Photography	5	8,[illegible]		200	5,050	3,130	6	2	562	5	2,100
20	Plumbing, and gas and steam fitting	3	23,500	1,000	5,000	800	16,700	4	1	600	18	8,274
21	Printing and publishing, book and job	4	62,675			29,694	32,981	5	5	4,800	38	19,250
22	Printing and publishing, newspapers and periodicals.	8	110,300	11,000	68,000	25,000	6,300	8	13	7,630	44	23,295
23	Saddlery and harness	5	45,490	1,000	3,000	2,050	39,440	7	3	2,456	14	6,354
24	Tinsmithing, coppersmithing, and sheet-iron working.	9	40,764	2,700	3,525	8,035	26,504	14			20	10,111
25	Tobacco, cigars and cigarettes	17	34,325	2,750	9,225	3,115	19,235	18			20	6,581
26	Watch, clock, and jewelry repairing	8	11,142			6,337	4,805	10	4	2,136	12	4,128
27	All other industries [1]	38	1,016,012	82,250	137,668	342,485	453,609	41	64	60,360	614	286,796

[1] Embraces bags, other than paper, 1; baskets, and rattan and willow ware, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 1; bottling, 1; boxes, cigar, 1; brick and tile, 1; bridges, 1; brooms and brushes, 1; carpets, rag, 1; cars and general shop construction and repairs by steam railroad companies, 2; cheese, butter, and condensed milk, factory product, 1; cooperage, 1; dyeing and cleaning, 2; fruits and vegetables, canning and preserving, 1; furniture, cabinetmaking, repairing, and upholstering, 2; gas, illuminating and heating, 1; hand stamps, 1; ice, manufactured, 1; liquors, malt, 1; lock and gun

TOPEKA.

1	All industries	399	$3,891,530	$214,291	$867,930	$1,329,600	$1,479,709	472	319	$232,602	3,758	$2,110,721
2	Bicycle and tricycle repairing	6	11,799			6,500	5,299	5			7	3,550
3	Blacksmithing and wheelwrighting	26	16,615	4,500	3,550	3,875	4,690	30			31	14,579
4	Boots and shoes, custom work and repairing.	22	5,290	540	680	2,330	1,740	23			8	2,518
5	Bread and other bakery products	14	15,430	1,200	3,180	8,350	2,700	14	9	1,904	35	15,399
6	Brooms and brushes	4	2,250		100	650	1,500	5			5	2,150
7	Carpentering	23	49,075	2,200	2,750	8,625	35,500	26	4	2,175	188	107,632
8	Carriages and wagons	8	26,725	2,500	8,500	3,475	12,250	9			28	10,920
9	Clothing, men's, custom work and repairing.	25	26,862		750	3,399	22,713	27	1	1,820	67	26,891
10	Clothing, women's, dressmaking	8	1,730			980	750	10	1	275	36	7,224
11	Confectionery	9	30,874	5,100	10,300	9,620	5,854	13	5	3,600	25	9,130
12	Druggists' preparations, not including prescriptions.	3	1,350			50	1,300	4			1	200
13	Flouring and grist mill products	10	725,372	19,700	136,700	221,342	347,630	11	45	51,974	135	70,942
14	Foundry and machine shop products	7	123,025	19,400	24,800	47,000	31,825	7	5	2,492	91	40,816
15	Furniture, cabinetmaking, repairing, and upholstering.	5	1,330			650	680	6			4	1,380
16	Ice, manufactured	3	75,400	8,800	13,500	52,000	1,100	3	6	3,000	16	8,420

BY SPECIFIED INDUSTRIES: 1900—Continued.

KANSAS CITY—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
5	$3,020					$332	$230	$25	$77		$3,805	$3,685	$120	$9,950	27
5	4,600					1,409	923	94	392		10,430	10,325	105	22,414	28
6,725	3,107,475	658	$190,198	281	$52,565	1,915,675	42,360	103,325	1,769,990		64,575,866	64,265,037	310,829	78,205,027	29
49	31,272					3,736	720	226	2,790		506,715	504,175	2,540	582,744	30
119	58,937	37	8,781	8	1,285	196,249	1,800	3,428	191,021		652,150	637,415	14,735	1,020,337	31
59	36,789					3,739	2,424	414	901		64,977	64,168	809	136,621	32
8	4,586					4,649	861	84	3,704		9,440	9,414	26	27,470	33
6	2,567	1	275			2,054	1,357	70	627		3,819	3,751	68	17,465	34
672	326,116	48	14,618	4	230	328,842	5,097	4,258	317,987	$1,500	1,659,712	1,603,859	55,853	2,843,743	35

where specified, 1; iron and steel, 1; lamps and reflectors, 2; lard, refined, 1; looking-glass and picture frames, 2; marble and stone work, 2; mineral and soda waters, 1; models and patterns, 1; monuments and tombstones, 1; oil, cottonseed and cake, 1; oleomargarine, 2; scales and balances, 1; sewing machine repairing, 1; steam packing, 1; tools, not elsewhere specified, 1.

LEAVENWORTH.

1,556	$796,777	140	$29,580	54	$7,219	$252,029	$32,228	$35,926	$137,543	$46,332	$2,822,127	$2,770,419	$51,708	$4,721,373	1
9	4,134					1,241	914	223	74	30	5,075	4,417	658	22,936	2
						826	766	20	40		1,550	1,550		6,374	3
24	10,476	10	990	2	208	2,551	1,320	783	448		42,884	40,423	2,461	80,121	4
106	56,693					21,306	472	152	132	20,550	155,928	155,920	8	279,545	5
58	23,146					7,326	960	885	5,481		39,589	38,547	1,042	91,534	6
24	15,178	5	1,592			3,314	2,821	122	371		17,044	16,953	91	48,210	7
		45	8,484			722	668	43	11					15,095	8
2	810	3	612			756	720	21	15		3,436	3,277	159	8,440	9
55	26,640					16,097	280	1,322	14,495		562,446	555,263	7,183	661,277	10
320	197,381					52,553	951	3,956	42,186	5,460	393,630	386,512	7,118	810,715	11
132	47,176			27	3,040	16,404	1,333	1,185	1,823	12,063	113,212	110,636	2,576	235,843	12
6	3,050					570	120	200	250		9,337	9,337		18,440	13
30	16,850					51		32	19		32,969	32,969		57,980	14
		23	10,017			5,934	3,560	271	2,103		33,888	33,888		77,578	15
7	3,140			1	182	558	240	127	191		3,590	3,485	105	17,580	16
40	21,860			1	156	2,653	1,824	75	754		23,105	23,105		58,151	17
35	14,872					185		170	15		14,627	14,127	500	34,727	18
3	1,950	2	150			1,303	804	22	477		3,287	3,287		14,850	19
17	8,144			1	130	1,262	480	308	474		44,230	44,150	80	63,170	20
32	18,026	6	1,224			7,314	1,920	216	5,178		23,776	22,935	841	70,500	21
41	22,355	2	760	1	180	9,075	780	1,154	5,707	1,434	21,538	19,979	1,559	69,166	22
14	6,354					1,795	1,322	175	298		29,889	29,889		48,528	23
19	9,961			1	150	2,070	828	263	979		23,432	23,126	306	40,729	24
16	5,925			4	656	7,378	1,932	191	5,255		13,411	13,411		35,694	25
11	4,063			1	65	1,495	899	71	525		2,524	2,402	122	16,987	26
555	278,593	44	5,751	15	2,452	87,290	6,314	23,939	50,242	6,795	1,207,730	1,180,831	26,899	1,837,203	27

smithing, 2; lumber, planing mill products, including sash, doors, and blinds, 1; mattresses and spring beds, 2; monuments and tombstones, 2; patent medicines and compounds, 1; plastering and stuccowork, 2; roofing and roofing materials, 1; slaughtering and meat packing, wholesale, 2; soap and candles, 1; vinegar and cider, 1.

TOPEKA.

3,443	$2,040,237	291	$66,628	24	$3,856	$417,231	$67,882	$33,250	$242,111	$73,988	$6,023,934	$5,911,064	$112,870	$9,977,605	1
7	3,550					1,846	1,242	83	481	40	4,683	4,101	582	17,520	2
31	14,579					3,417	2,792	254	371		11,769	10,673	1,096	54,264	3
8	2,518					1,993	1,836	48	109		6,650	6,401	249	19,720	4
32	14,849			3	550	4,385	2,994	201	1,190		47,430	45,343	2,087	96,375	5
5	2,150					206	156	11	39		6,985	6,916	69	13,040	6
188	107,632					60,203	1,422	276	955	57,550	223,839	223,365	474	440,785	7
26	10,350			2	570	2,624	1,231	354	514	525	16,649	16,132	517	43,524	8
46	21,853	21	5,038			7,552	6,137	184	1,231		32,918	31,987	931	92,198	9
1	540	35	6,684			942	832		110		3,962	3,920	42	18,150	10
23	8,880	2	250			3,916	1,926	445	1,545		31,512	30,535	977	69,280	11
1	200					730	200	10	520		2,025	2,000	25	3,900	12
128	70,223	7	719			59,590	6,500	7,773	45,317		1,920,457	1,896,895	23,562	2,188,034	13
90	40,536			1	280	5,528	1,130	1,398	3,000		55,266	51,400	3,866	127,875	14
4	1,380					913	790	13	110		3,760	3,700	60	9,370	15
16	8,420					3,320	240	580	2,500		11,000	1,600	9,400	38,800	16

TABLE 8.—MANUFACTURES IN CITIES

TOPEKA—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
17	Lumber, planing mill products, including sash, doors, and blinds.	3	$75,500	$10,500	$9,500	$17,500	$38,000	3	1	$1,500	73	$32,075
18	Masonry, brick and stone	4	44,350			4,250	40,100	7			168	61,221
19	Mattresses and spring beds	3	36,564	2,500	1,000	2,298	30,766	4	6	3,600	30	10,540
20	Millinery, custom work	14	24,495			1,895	22,600	15	10	3,150	66	17,064
21	Painting, house, sign, etc	22	18,010	100	100	3,785	14,025	26	4	1,575	57	31,212
22	Paper hanging	3	6,250			400	5,850	5	2	330	14	9,000
23	Photography	12	10,725		365	5,910	4,450	13			10	3,564
24	Plastering and stuccowork	7	755	100	50	405	200	9			14	7,340
25	Plumbing, and gas and steam fitting	9	45,252	2,350	4,100	2,950	35,852	16	2	1,160	57	32,840
26	Printing and publishing, book and job	13	372,594	12,400	10,000	194,717	155,477	17	24	23,140	204	109,550
27	Printing and publishing, newspapers and periodicals.	27	150,780	1,000	13,500	95,675	40,605	33	70	40,049	112	71,087
28	Saddlery and harness	5	33,500	3,000	4,000	1,550	24,950	7	1	600	13	7,362
29	Tinsmithing, coppersmithing, and sheet-iron working.	16	47,782	9,300	14,500	7,100	16,882	22	2	390	45	25,059
30	Tobacco, cigars and cigarettes	16	28,460	725	650	2,302	24,783	17	4	2,664	63	28,544
31	Watch, clock, and jewelry repairing	17	9,277			5,400	3,877	18			5	3,095
32	All other industries[1]	55	1,874,109	108,376	605,355	614,617	545,761	64	116	87,204	2,150	1,339,417

[1] Embraces agricultural implements, 1; awnings, tents, and sails, 1; baking and yeast powders, 1; bookbinding and blank book making, 1; boxes, cigar, 1; boxes, fancy and paper, 1; brick and tile, 1; carpets, rag, 1; cars and general shop construction and repairs by steam railroad companies, 1; cars and general shop construction and repairs by street railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; clothing, men's, factory product, 1; dyeing and cleaning, 2; electrical construction and repairs, 2; flavoring extracts, 1; food preparations, 2; fruits and vegetables, canning and preserving, 1; fur goods, 1; gas, illuminating and heating, 1; hand stamps, 1; ironwork, architectural and ornamental, 1; lime and cement, 1; lock and gun smithing, 2; looking-glass and picture

WICHITA.

1	All industries	328	$2,108,524	$202,513	$395,760	$715,963	$794,288	378	144	$110,935	1,505	$639,271
2	Awnings, tents, and sails	3	1,470			450	1,020	3			4	1,050
3	Baking and yeast powders	3	5,950			650	5,300	4			4	1,830
4	Bicycle and tricycle repairing	6	6,090		200	2,105	3,785	10	1	468	16	6,515
5	Blacksmithing and wheelwrighting	27	17,918	6,800	4,250	4,195	2,673	33			24	12,595
6	Boots and shoes, custom work and repairing.	20	5,935	2,100	750	1,690	1,395	22			3	1,250
7	Bread and other bakery products	10	17,175	2,900	4,800	6,200	3,275	11	4	1,370	32	8,489
8	Carpentering	17	12,368	1,118	1,000	4,250	6,000	21			146	55,823
9	Carriages and wagons	3	11,159	3,000	1,500	770	5,889	4			19	8,420
10	Clothing, men's, custom work and repairing.	18	32,450			3,330	29,120	20			67	27,547
11	Clothing, women's, dressmaking	6	2,410			585	1,825	6			46	8,360
12	Confectionery	7	52,930	2,500	2,500	26,880	21,050	9	7	12,500	70	19,992
13	Druggists' preparations, not including prescriptions.	6	13,575	2,000	4,500	1,725	5,350	6	2	1,000	7	2,650
14	Flouring and grist mill products	10	145,746	4,700	14,550	64,200	62,296	14	10	7,480	35	17,902
15	Foundry and machine shop products	8	64,634	3,150	7,450	21,856	32,178	10	6	2,526	41	18,730
16	Furniture, cabinetmaking, repairing, and upholstering.	7	126,350	30,000	65,000	20,750	10,600	13			9	3,320
17	Lock and gun smithing	4	7,050			1,525	5,525	4			5	2,500
18	Lumber, planing mill products, including sash, doors, and blinds.	3	44,600	3,500	7,100	14,500	19,500	3	1	1,500	39	18,200
19	Masonry, brick and stone	6	8,050			3,050	5,000	6			54	23,600
20	Millinery, custom work	10	37,725			3,725	34,000	11	2	800	40	10,593
21	Mineral and soda waters	3	5,725	100	25	4,100	1,500	4			6	1,700
22	Painting, house, sign, etc	17	32,475	1,000	700	3,475	27,300	22	5	3,100	61	26,424
23	Patent medicines and compounds	3	6,999	1,150	575	650	4,624	2	6	3,520	7	1,800
24	Paving and paving materials	6	2,475			1,675	800	7			37	20,980
25	Photography	8	6,980		430	4,400	2,150	8			8	3,316
26	Plastering and stuccowork	3	350			350		3			7	3,220
27	Plumbing, and gas and steam fitting	6	21,650	4,500	5,000	2,450	9,700	10	1	100	20	10,000
28	Printing and publishing, book and job	10	68,817	100	900	47,822	19,995	9	7	5,915	54	25,537
29	Printing and publishing, newspapers and periodicals.	9	100,800	8,000	17,000	49,100	26,700	14	9	7,900	146	69,110
30	Saddlery and harness	11	112,885	5,000	11,550	4,935	91,400	10	13	11,130	51	29,300
31	Tinsmithing, coppersmithing, and sheet-iron working.	12	33,935	10,500	7,500	6,160	9,775	13			23	11,469
32	Tobacco, cigars and cigarettes	11	15,560	800	1,200	960	12,600	14	1	200	18	7,695
33	Vinegar and cider	3	12,338	500	4,100	5,050	2,688	4			5	1,380
34	Watch, clock, and jewelry repairing	14	8,931		75	5,406	3,450	12			12	6,232
35	All other industries[1]	38	1,065,019	109,095	233,105	396,994	325,825	36	69	51,426	389	171,742

[1] Embraces bottling, 2; boxes, fancy and paper, 1; boxes, wooden packing, 2; brick and tile, 1; bridges, 1; brooms and brushes, 2; cars and general shop construction and repairs by steam railroad companies, 2; cheese, butter, and condensed milk, factory product, 1; dyeing and cleaning, 2; electrical construction and repairs, 1; electroplating, 1; engraving, steel, including plate printing, 1; furniture, factory product, 1; gas, illuminating and heating, 1; hardware, 1; ice,

BY SPECIFIED INDUSTRIES: 1900—Continued.

TOPEKA—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
71	$31,775			2	$300	$3,399		$438	$2,961		$95,365	$93,926	$1,439	$156,400	17
168	61,221					4,070	$135	35	1,400	$2,500	99,625	99,575	50	186,100	18
24	9,375	6	$1,165			1,967	900	260	807		56,000	55,295	705	77,920	19
		66	17,064			8,748	7,164	301	1,283		64,200	63,830	370	124,913	20
57	31,212					3,095	2,118	164	813		22,892	22,720	172	83,350	21
14	9,000					1,262	675	25	562		7,683	7,650	33	27,000	22
4	1,610	6	1,954			2,771	1,920	113	738		8,210	7,619	591	27,285	23
14	7,340					155	24	16	15	100	11,383	11,383		24,900	24
57	32,840					3,894	1,960	394	1,040	500	81,516	81,276	240	143,900	25
167	100,455	37	9,095			30,578	3,507	1,462	25,609		152,178	148,296	3,882	369,181	26
90	66,569	13	3,295	9	1,223	44,189	5,295	1,405	25,416	12,073	79,656	75,708	3,948	360,003	27
13	7,362					1,469	576	287	606		12,898	12,726	172	28,513	28
44	24,984			1	75	3,491	2,404	323	764		48,321	47,659	662	104,520	29
49	24,510	12	3,784	2	250	14,802	2,424	283	12,095		32,283	31,873	410	97,001	30
5	3,095					2,255	1,984	63	208		3,824	3,640	184	20,200	31
2,060	1,321,229	86	17,580	4	608	133,921	7,368	16,051	109,802	700	2,868,995	2,812,920	56,075	4,913,584	32

frames, 2; marble and stone work, 2; mineral and soda waters, 2; mirrors, 1; models and patterns, 1; monuments and tombstones, 2; oil, not elsewhere specified, 1; optical goods, 1; patent medicines and compounds, 1; paving and paving materials, 2; perfumery and cosmetics, 2; pickles, preserves, and sauces, 1; pumps, not including steam pumps, 2; roofing and roofing materials, 1; shirts, 1; slaughtering and meat packing, wholesale, 1; surgical appliances, 1; trunks and valises, 1; upholstering materials, 1; vinegar and cider, 1; windmills, 1.

WICHITA.

1,284	$592,693	200	$42,810	21	$3,768	$176,146	$46,511	$10,833	$81,171	$37,631	$3,060,661	$3,014,051	$46,610	$4,724,068	1
2	550	2	500			381	300	6	75		2,534	2,534		5,800	2
3	1,630	1	200			559	375	15	169		8,376	8,327	49	21,184	3
16	6,515					2,156	1,110	12	1,034		5,677	5,358	319	28,600	4
24	12,595					2,213	1,589	354	270		19,787	18,722	1,065	64,310	5
3	1,250					1,146	987	29	130		8,087	7,925	162	21,949	6
21	6,640	11	1,849			3,968	2,354	234	1,380		64,711	62,830	1,881	101,102	7
144	55,293			2	530	27,473	993	95	845	25,540	186,000	185,960	40	331,698	8
19	8,420					1,130	444	114	190	382	6,607	6,392	215	18,655	9
51	23,677	14	3,600	2	270	6,665	5,012	138	1,515		42,057	41,018	1,039	102,452	10
		46	8,360			1,316	901		415		16,565	16,460	105	39,500	11
32	13,400	37	6,460	1	132	7,188	3,110	403	3,575	100	116,532	112,601	3,931	171,613	12
7	2,650					1,605	920	165	520		7,023	6,370	653	19,378	13
35	17,902					8,234	310	1,564	6,360		395,702	389,108	6,594	457,275	14
40	18,580			1	150	4,897	1,464	523	2,865	45	41,194	39,052	2,142	95,915	15
9	3,320					941	306	10	625		2,925	2,850	75	14,372	16
5	2,500					839	746	13	80		6,116	5,980	136	14,800	17
39	18,200					1,903	149	239	1,515		42,111	41,441	670	79,000	18
54	23,600					9,345	485	20	240	8,600	54,160	53,960	200	99,840	19
		40	10,593			5,243	3,660	318	1,265		60,114	59,904	210	98,499	20
6	1,700					560	240	58	262		2,288	2,188	100	10,740	21
59	26,068	1	200	1	156	4,432	2,881	129	1,347	75	42,821	42,726	95	99,616	22
3	1,000	4	800			1,608	60	58	1,490		8,770	8,730	40	23,710	23
37	20,980					485	335		150		68,380	68,380		98,056	24
6	3,010	2	306			1,828	1,180	11	537	100	9,160	8,995	165	21,925	25
7	3,220					158	148		10		4,305	4,305		10,820	26
20	10,000					2,548	1,284	259	1,005		39,175	38,860	315	65,832	27
50	24,619	3	768	1	150	4,958	2,951	576	931	500	39,846	38,105	1,741	96,237	28
134	65,680	9	3,076	3	354	12,814	490	770	9,577	1,977	34,946	33,306	1,640	168,301	29
51	29,300					4,210	2,173	667	1,370		100,634	100,484	150	168,565	30
23	11,469					1,800	1,011	179	610		20,906	20,408	498	51,572	31
17	7,570			1	125	6,544	1,270	330	4,944		11,516	11,450	66	39,153	32
4	1,230	1	150			371	56	110	205		13,235	12,615	620	24,856	33
9	5,300	1	520	2	412	3,017	1,935	267	815		7,855	7,680	175	26,887	34
354	164,825	28	5,428	7	1,489	43,611	5,282	3,167	34,850	312	1,570,546	1,549,027	21,519	2,031,856	35

manufactured, 2; ironwork, architectural and ornamental, 1; jewelry, 2; labels and tags, 1; lithographing and engraving, 1; looking-glass and picture frames, 1; mattresses and spring beds, 1; monuments and tombstones, 2; sewing machines and attachments, 1; shirts, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 2; trunks and valises, 1; wirework, including wire rope and cable, 1.

TABLE 9.—MANUFACTURES IN CITIES

	Cities	Number of establishments.	Capital.					Proprietors and firm members.	Salaried officials, clerks, etc.		Average number of wage-earners and total wages.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	Total for cities	2,100	$22,338,343	$1,154,485	$6,141,177	$8,122,139	$6,920,542	2,431	666	$446,460	10,493	$4,757,985
2	Abilene	70	232,181	10,271	35,125	55,595	131,190	79	59	20,320	192	63,251
3	Argentine	45	10,753,128	270,744	3,530,085	4,459,926	2,492,373	51	42	20,739	741	436,226
4	Arkansas City	74	677,649	17,835	237,269	147,143	275,402	74	39	30,474	319	151,963
5	Atchison	111	1,139,313	75,800	172,950	318,386	572,177	127	53	39,738	881	415,816
6	Chanute	54	98,261	13,500	14,405	35,750	34,606	65	5	4,500	154	71,627
7	Chetopa	30	57,296	4,920	12,555	24,010	15,811	36	1	300	27	9,524
8	Clay Center	54	179,558	39,150	20,900	39,945	79,563	60	9	3,751	71	25,311
9	Coffeyville	64	406,444	28,280	77,290	170,012	130,862	71	25	19,294	417	148,823
10	Concordia	48	98,619	10,400	15,875	30,150	42,194	56	3	1,820	98	43,570
11	Emporia	77	232,606	13,350	39,750	131,489	48,017	89	5	3,300	224	101,720
12	Fort Scott	97	675,097	71,798	93,770	285,161	224,368	104	32	29,496	535	255,803
13	Galena	61	174,028	16,375	29,125	48,955	79,573	86	6	4,963	182	92,834
14	Girard	37	123,340	8,140	26,150	42,334	46,716	47	6	2,572	218	87,445
15	Hiawatha	45	111,280	21,830	23,290	25,635	40,525	55	1	500	84	34,256
16	Holton	60	163,649	25,850	30,650	40,960	66,189	71	13	5,280	104	36,347
17	Horton	40	589,952	10,985	156,832	44,029	378,106	48	22	19,860	374	196,386
18	Hutchinson	140	1,151,138	78,125	318,149	364,226	390,638	176	47	35,476	703	279,188
19	Independence	61	210,375	8,175	35,430	82,720	84,050	67	12	6,910	183	62,658
20	Junction	66	229,677	18,450	66,300	58,780	86,147	92	3	2,400	184	83,776
21	Lawrence	128	875,638	45,800	177,400	326,382	326,056	138	86	46,109	946	335,189
22	McPherson	35	138,602	6,950	39,800	35,932	55,920	40	7	3,200	67	26,410
23	Manhattan	50	126,820	17,105	32,455	37,103	40,157	60	8	4,770	82	31,382
24	Newton	76	368,413	20,600	65,635	157,758	124,420	91	23	18,441	404	201,415
25	Olathe	50	125,780	11,050	23,300	46,350	45,080	61	2	1,004	140	60,676
26	Osawatomie	29	168,468	21,930	15,450	50,938	80,150	34	16	15,276	418	250,746
27	Ottawa	67	334,970	39,900	88,925	148,345	57,800	72	9	9,041	341	179,551
28	Paola	50	134,660	14,825	24,725	45,555	49,555	56	3	1,500	110	38,784
29	Parsons	83	584,706	39,850	114,900	241,238	188,718	90	17	11,629	631	292,237
30	Pittsburg	82	808,055	90,665	283,435	262,854	171,101	87	28	27,037	994	475,772
31	Salina	119	634,988	55,350	153,103	161,724	264,811	134	58	31,734	337	132,761
32	Weir	22	145,171	4,425	88,080	39,855	12,811	23			123	49,686
33	Winfield	75	588,481	42,057	98,069	162,899	285,456	91	25	25,026	209	86,852

UNDER 20,000 IN POPULATION: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
9,223	$4,505,634	1,111	$234,202	159	$18,149	$1,030,696	$197,748	$104,587	$653,852	$74,509	$29,808,144	$29,233,848	$574,296	$43,839,022	1
161	58,499	24	3,687	7	1,065	26,587	3,672	1,804	20,011	1,100	365,596	357,597	7,999	534,619	2
734	434,752	5	1,312	2	162	118,218	1,611	8,056	108,551	----------	15,016,721	14,913,629	103,092	20,337,170	3
289	146,039	20	4,892	10	1,032	68,277	6,963	10,619	50,695	----------	725,361	706,537	18,824	1,078,555	4
724	384,214	146	30,162	11	1,440	97,926	17,019	7,719	68,188	5,000	1,699,953	1,667,587	32,366	2,600,459	5
122	63,490	31	8,009	1	128	9,224	4,832	701	3,491	200	132,216	129,998	2,218	280,370	6
19	8,300	8	1,224	----------	----------	3,332	1,729	631	920	52	71,704	70,170	1,534	112,789	7
49	21,696	18	3,208	4	407	11,809	4,453	1,228	5,928	200	182,221	179,180	3,041	279,283	8
377	140,772	33	7,835	2	216	42,900	5,292	4,378	26,930	6,300	697,955	671,974	25,981	1,066,386	9
85	41,228	12	2,246	1	96	8,081	3,079	853	4,149	----------	153,610	149,420	4,190	254,570	10
187	92,969	31	8,290	6	461	29,361	9,608	2,048	11,205	6,500	234,994	230,725	4,269	474,519	11
470	239,994	64	15,664	1	145	39,630	10,086	4,135	24,313	1,096	475,668	462,316	13,352	943,018	12
161	88,220	18	4,318	3	296	12,806	5,480	832	6,294	200	373,520	366,211	7,309	563,697	13
191	82,345	22	4,397	5	703	23,133	7,746	1,430	13,582	375	402,568	380,420	22,148	511,809	14
53	29,511	16	4,745	----------	----------	9,875	3,429	912	3,994	1,540	85,822	83,874	1,948	183,816	15
79	32,060	23	4,134	2	153	11,021	3,673	1,172	5,059	1,117	88,039	85,897	2,142	201,585	16
355	193,505	14	2,352	5	529	12,721	2,309	7,325	2,188	899	291,331	284,686	6,645	555,024	17
614	259,927	86	18,850	3	411	81,740	16,326	7,621	57,463	330	1,216,951	1,096,833	120,118	1,907,370	18
118	52,319	45	8,365	20	1,974	14,490	3,292	1,303	9,875	20	258,555	253,849	4,706	416,991	19
145	77,461	30	5,388	9	927	13,252	5,105	1,683	6,064	400	449,507	446,398	3,109	652,861	20
776	301,601	157	32,038	13	1,550	67,859	17,854	6,909	41,921	1,175	1,174,357	1,143,821	30,536	1,842,199	21
55	24,441	12	1,969	----------	----------	7,279	1,985	953	4,321	20	246,630	239,895	6,735	330,714	22
64	27,725	18	3,657	----------	----------	9,468	3,791	1,176	4,411	90	142,411	138,614	3,797	253,963	23
373	195,674	30	5,596	1	145	38,751	8,026	4,133	13,717	12,875	652,870	639,209	13,661	982,475	24
111	52,866	19	6,210	10	1,600	29,456	3,982	1,187	7,237	17,050	170,356	166,614	3,742	339,098	25
412	249,936	4	639	2	171	6,360	1,835	2,023	2,252	250	356,038	352,518	3,520	649,050	26
314	173,691	24	5,610	3	250	13,789	5,525	2,905	5,059	300	406,584	399,107	7,477	734,965	27
86	34,944	24	3,840	----------	----------	16,729	4,391	1,589	10,749	----------	223,237	219,839	3,398	331,297	28
570	282,145	52	9,116	9	976	34,325	10,907	3,343	20,075	----------	531,447	519,247	12,200	1,025,409	29
946	466,147	36	8,443	12	1,182	45,654	6,838	7,673	31,143	----------	986,828	929,581	57,247	1,616,976	30
263	119,465	56	11,560	13	1,736	94,333	10,080	3,334	63,539	17,380	885,153	869,246	15,907	1,329,985	31
110	47,661	10	1,721	3	304	7,967	1,010	1,648	5,309	----------	240,614	228,990	11,624	311,654	32
190	82,037	18	4,725	1	90	24,343	5,820	3,264	15,219	40	869,327	849,866	19,461	1,136,346	33

KENTUCKY.

Table 1 shows the manufacturing and mechanical industries of the state of Kentucky as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	9,560	7,745	5,328	5,390	3,450	3,609	23.4	45.4	[1]1.2	56.2	[1]4.4
Capital	$104,070,791	$79,811,980	$45,813,039	$29,277,809	$20,256,579	$11,810,462	30.4	74.2	56.5	44.5	71.5
Salaried officials, clerks, etc., number	5,079	[2]9,021	(3)	(3)	(3)	(3)	[1]43.7	-------	-------	-------	-------
Salaries	$4,687,441	[2]$6,434,915	(3)	(3)	(3)	(3)	[1]27.2	-------	-------	-------	-------
Wage-earners, average number	62,962	56,558	37,391	30,636	21,258	21,476	11.3	51.3	22.0	44.1	[1]1.0
Total wages	$22,434,185	$21,326,831	$11,657,844	$9,444,524	$6,020,082	$5,106,048	5.2	82.9	23.4	56.9	17.9
Men, 16 years and over	51,101	46,015	30,949	27,687	19,587	19,576	11.1	48.7	11.8	41.4	0.1
Wages	$20,216,990	$19,212,477	(3)	(3)	(3)	(3)	5.2	-------	-------	-------	-------
Women, 16 years and over	9,174	8,280	3,529	1,159	1,671	1,900	10.8	134.6	204.5	[1]30.6	[1]12.1
Wages	$1,887,904	$1,850,514	(3)	(3)	(3)	(3)	2.0	-------	-------	-------	-------
Children, under 16 years	2,687	2,263	2,913	1,790	(3)	(3)	18.7	[1]22.3	62.7	-------	-------
Wages	$329,291	$263,840	(3)	(3)	(3)	(3)	24.8	-------	-------	-------	-------
Miscellaneous expenses	$19,581,630	$15,879,728	(4)	(4)	(4)	(4)	23.3	-------	-------	-------	-------
Cost of materials used	$82,830,415	$63,677,583	$47,461,890	$29,497,535	$22,295,759	$12,165,075	30.1	34.2	60.9	32.3	83.3
Value of products, including custom work and repairing	$154,166,365	$126,719,857	$75,483,377	$54,625,809	$37,931,240	$21,710,212	21.7	67.9	38.2	44.0	74.7
Total population	2,147,174	1,858,635	1,648,690	1,321,011	1,155,684	982,405	15.5	12.7	24.8	14.3	17.6
Wage-earners engaged in manufactures	62,962	56,558	37,391	30,636	21,258	21,476	11.3	51.3	22.0	44.1	[1]1.0
Per cent of total population	2.9	3.0	2.3	2.3	1.8	2.2	-------	-------	-------	-------	-------
Assessed value of real estate	[5]$449,400,657	$376,788,792	$265,085,908	$311,479,694	$277,925,054	$177,013,407	19.3	42.1	[1]14.9	12.1	57.0
Value of land and buildings invested in manufactures[6]	$26,097,041	$19,596,397	(3)	(3)	(3)	(3)	33.2	-------	-------	-------	-------
Per cent of assessed value	5.8	5.2	-------	-------	-------	-------	-------	-------	-------	-------	-------

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[3] Not reported separately.
[4] Not reported.
[5] As given in the Proceedings of the State Board of Equalization, of Kentucky, session of 1900.
[6] Does not include value of rented property.

Although Kentucky is an agricultural state, Table 1 shows that there has been a large growth in its manufacturing and mechanical industries during the half century. The population during these years increased from 982,405 to 2,147,174, or 118.6 per cent, while the average number of wage-earners employed in manufacturing establishments increased from 21,476 to 62,962, or 193.2 per cent, embracing, in 1900, 2.9 per cent of the entire population, compared with 2.2 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 91,536, or 4.3 per cent of the total population of the state. Measured by the value of the products, the greatest percentage of increase, 74.7, was during the decade ending with the year 1860, although the greatest absolute increase was between the years 1880 and 1890.

The state of Kentucky has two extensive coal fields, one in the eastern section of the state and the other in the western, while large areas are still covered with forests of hard wood. Lack of railroad facilities delayed the development of its mineral resources, but that lack has been measurably supplied. The Ohio River, flowing along its northern border, and the Mississippi River, bounding it on the west, have long furnished access to the great river system of the central valley of the United States. Steam navigation has caused a change in the distribution of manufactures. In 1810 Lexington, situated in the central part of the state, had 144 manufacturing establishments,[1] and was a leading manufacturing point of the Southwest, but since then the river cities and towns have grown into prominence.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for a governmental establishment, educational, eleemosynary, and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

[1] History of Lexington, by George W. Ranck, page 241.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	12,902	$104,988,434	14,803	63,073	$22,484,575	$19,630,931	$83,079,991	$33,887,714	$45,976,995	$3,215,282	$154,900,895
Hand trades[1]	3,743	5,613,995	4,368	8,524	3,147,221	1,526,203	6,835,436	152,310	6,480,227	202,899	15,714,218
Governmental establishment	1	80,115		11	7,200		6,553		6,137	416	13,754
Educational, eleemosynary, and penal institutions	11	109,649		19	9,835	2,705	28,129	10,559	15,902	1,668	49,100
Establishments with a product of less than $500	3,330	727,879	3,570	81	33,355	46,596	214,894	65,575	149,319		671,676
All other establishments	5,817	98,456,796	6,865	54,438	19,286,964	18,055,427	75,994,979	33,659,270	39,325,410	3,010,299	138,452,147

[1] Includes bicycle and tricycle repairing, 55; blacksmithing and wheelwrighting, 1,324; boots and shoes, custom work and repairing, 288; carpentering, 313; clothing, men's, custom work and repairing, 245; clothing, women's, dressmaking, 274; dyeing and cleaning, 26; furniture, cabinetmaking, repairing, and upholstering, 66; lock and gun smithing, 27; masonry, brick and stone, 88; millinery, custom work, 353; painting, house, sign, etc., 226; paper hanging, 57; plastering and stuccowork, 48; plumbing, and gas and steam fitting, 153; sewing machine repairing, 10; watch, clock, and jewelry repairing, 190.

Of the 12,902 establishments of all classes shown in this table, 7,073, or 54.8 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $16,385,894, or only 10.6 per cent of the total value of the products of the state.

In addition to the 12,902 active establishments in the state during the census year, with a capital of $104,988,434, shown in Table 2, there were 146 idle establishments, with a capital of $3,563,231, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Brick and tile	15	$236,655	Liquors, malt	1	$5,000
Coke	1	5,000	Lumber, planing mill products, including sash, doors, and blinds	1	22,000
Flouring and grist mill products	11	80,755	Lumber and timber products	25	185,868
Fruits and vegetables, canning and preserving	2	23,500	Printing and publishing, newspapers and periodicals	1	4,300
Glass	2	70,581	Woolen goods	6	1,095,060
Iron and steel	3	100,000	All other industries	30	24,110
Lime and cement	3	37,700			
Liquors, distilled	38	1,672,702			

TABLE 3.—COMPARATIVE SUMMARY OF TEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	3,332	$58,521,580	30,010	$10,925,167	$14,940,231	$51,233,198	$91,199,867
	1890	1,908	43,559,058	23,951	7,708,854	12,398,868	33,816,212	64,927,577
Increase, 1890 to 1900		1,424	14,962,522	6,059	3,216,313	2,541,363	17,416,986	26,272,290
Per cent of increase		74.6	34.3	25.3	41.7	20.5	51.5	40.5
Per cent of total of all industries in state	1900	34.9	56.2	47.7	48.7	76.3	61.9	59.2
	1890	24.6	54.6	42.3	36.1	78.1	53.1	51.2
Cars and general shop construction and repairs by steam railroad companies.	1900	25	1,761,958	3,572	1,841,778	55,984	2,267,578	4,248,029
	1890	9	305,229	623	358,200		225,485	588,925
Clothing, men's, factory product	1900	192	1,509,136	2,701	694,018	259,040	1,851,051	3,420,365
	1890	248	1,146,454	2,612	619,188	74,268	1,198,776	2,518,540
Flouring and grist mill products	1900	1,145	4,928,928	1,134	483,594	295,982	12,018,998	14,515,161
	1890	505	4,285,649	1,328	395,806	272,883	7,917,917	9,681,259
Foundry and machine shop products	1900	91	3,445,369	2,790	1,182,942	246,088	2,010,857	4,434,610
	1890	65	5,109,609	2,947	1,512,966	289,727	2,667,393	5,565,321
Iron and steel	1900	8	4,198,987	2,402	1,144,782	176,846	4,381,100	6,977,343
	1890	9	2,310,655	1,435	670,489	115,645	1,703,144	2,725,603
Leather, tanned, curried, and finished	1900	23	4,681,389	810	321,658	112,659	2,881,896	3,757,016
	1890	31	2,519,339	582	289,931	109,684	2,573,299	3,487,570
Liquors: Total	1900	203	17,411,708	1,703	886,681	5,682,979	4,236,285	12,973,154
	1890	155	14,971,953	2,253	864,052	8,450,422	4,729,717	17,760,545
Liquors, distilled	1900	177	12,280,054	1,112	559,439	4,182,373	3,605,316	9,786,527
	1890	126	10,966,210	1,744	543,367	7,631,619	3,876,591	15,159,648
Liquors, malt	1900	26	5,131,654	591	327,242	1,500,606	630,969	3,186,627
	1890	29	4,005,743	509	320,685	818,803	853,126	2,600,897
Lumber and timber products	1900	1,280	9,805,404	7,549	2,477,696	379,074	7,379,148	13,774,911
	1890	599	6,571,374	6,322	1,568,394	381,797	4,375,392	7,904,428

TABLE 3.—COMPARATIVE SUMMARY OF TEN LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Slaughtering:								
Total	1900	28	$1,326,976	511	$214,271	$105,694	$4,444,621	**$5,177,167**
	1890	26	1,447,945	414	130,767	135,116	2,604,664	**3,374,011**
Slaughtering and meat packing, wholesale	1900	15	1,256,106	469	194,837	99,425	3,899,248	**4,541,482**
	1890	17	1,415,373	391	119,194	130,312	2,283,997	**2,968,227**
Slaughtering, wholesale, not including meat packing	1900	13	70,870	42	19,434	6,269	545,373	**635,685**
	1890	9	32,572	23	11,573	4,804	320,667	**405,784**
Tobacco:								
Total	1900	337	9,451,725	6,838	1,677,747	7,625,885	9,761,664	**21,922,111**
	1890	261	4,890,851	5,435	1,304,061	2,569,326	5,820,425	**11,321,375**
Chewing, smoking, and snuff	1900	59	3,485,793	3,187	850,018	7,182,022	5,221,257	**14,948,192**
	1890	38	2,687,471	2,479	659,906	2,320,144	2,847,081	**6,788,586**
Cigars and cigarettes	1900	180	1,105,303	1,349	388,064	296,081	514,943	**1,506,559**
	1890	144	528,297	694	280,759	138,541	384,339	**1,058,039**
Stemming and rehandling	1900	98	4,860,629	2,302	439,665	147,782	4,025,464	**5,467,360**
	1890	79	1,675,083	2,262	363,396	110,641	2,589,005	**3,474,750**

The 10 leading industries of the state in 1900, as shown in Table 3, embraced 3,332 establishments, or 34.9 per cent of the total number in the state; used a capital of $58,521,580, or 56.2 per cent of the total; gave employment to 30,010 wage-earners, or 47.7 per cent of the total number; and paid $10,925,167, or 48.7 per cent of the total wages. The value of their products was $91,199,867, or 59.2 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

Table 3 shows that the manufacture of tobacco is the most important industry in the state. The 337 establishments reported in 1900 gave employment to 6,838 wage-earners, or 10.9 per cent of the wage-earners employed in the state, and the products were valued at $21,922,111, or 14.2 per cent of the total value of the products of the state. In 1890 there were 261 establishments, 5,435 wage-earners, and products valued at $11,321,375. The increase in the value of products during the decade was $10,600,736, or 93.6 per cent. Settlers from the eastern part of Virginia introduced tobacco planting in what was then a county of that state, and by 1783 the Virginia legislature had established 3 warehouses in that region for the storage and inspection of the leaf.[1] Tobacco was for some years a legal tender for all debts, but in 1794 the Kentucky legislature took away its quality as a legal tender for court fees, the Constitution of the United States having taken it away in other respects. In 1810 there were 2 tobacco factories in Lexington,[2] and in 1819, 2 of the establishments located in Louisville were engaged in what was known to the trade as preparing strips for foreign markets, while the others produced cigars, snuff, and chewing tobacco. At that period, cigars were made in small establishments in nearly every town in the state, and on many of the farms, while chewing tobacco was also made in a number of these towns. Owing to its facilities for communication with the largest tobacco-growing section of the country, Louisville has been for many years a leading leaf-tobacco market of the world,[3] and its greater facilities as a distributing point have given it an added advantage over other localities in the state equally well supplied with the leaf. Tobacco industries of all kinds have tended, therefore, to concentrate in that city, although the establishments at Owensboro and Henderson do an extensive business in preparing leaf for shipment.

The manufacture of flouring and grist mill products ranks second among the industries of the state, with 1,145 establishments, 1,134 wage-earners, and products valued at $14,515,161. In 1890 there were 505 establishments, 1,328 wage-earners, and products valued at $9,681,259. The increase in the value of products during the decade was $4,833,902, or 49.9 per cent. Flouring and grist mills were early established on all the streams of the state, but only in the last decade has much been done in the way of making flour for foreign markets. A large mill in Louisville now has a considerable export trade.

There were 1,280 establishments engaged in 1900 in the manufacture of lumber and timber products, the industry third in rank, with 7,549 wage-earners, and products valued at $13,774,911. In 1890 there were 599 establishments, 6,322 wage-earners, and products valued at $7,904,428. The increase in the value of products during the decade was $5,870,483, or 74.3 per cent. Logging is an extensive industry on the upper waters of the Cumberland, Kentucky, and Licking rivers, where large sawmills are also located.

There were 203 establishments engaged in the manufacture of liquors in 1900, with 1,703 wage-earners, and products valued at $12,973,154. In 1890 there were 155 establishments, 2,253 wage-earners, and products valued at $17,760,545. The decrease in the value of products during the decade was $4,787,391, or 27 per cent. This decrease was confined to the value of distilled liquors, the

[1] Memorial History of Louisville, by J. Stoddard Johnston, Vol. I, page 251.
[2] History of Lexington, page 240.
[3] Memorial History of Louisville, Vol. I, page 279.

value of malt liquors having increased during the decade. The first distillery was built at Louisville in 1783,[1] by Evans Williams. About the same time a distillery was built near Maysville, another near Bardstown, and a third near Harrodsburg. In 1787 a colony of 60 families from Maryland established distilleries in what are now Washington and Marion counties, and sent the products down Salt River, to settlements on the Ohio and Mississippi rivers.[2] When the first tax on whiskey was imposed, in 1794, it caused a whiskey rebellion in western Pennsylvania, and many distillers migrated westward, a number settling in Bourbon county. Small distilleries, making from 1 to 2 barrels of whiskey a day, multiplied rapidly. In the early days the farmer turned his corn into whiskey and fattened his hogs on the refuse. For a time whiskey was used in settling accounts. After the Civil War, the character of the distilling industry was changed by the introduction of business-like methods, and the smaller distilleries were gradually replaced by larger ones, making from 10 and 20 to 30 and 40 or more barrels a day. The product is almost wholly corn whiskey, known to the trade as "Bourbon." Owing to its facilities as a distributing point, Louisville has become the principal seat of the brewing industry of the state. The smaller breweries, located formerly at several different points, have nearly all been abandoned.

There were 8 establishments engaged in the manufacture of iron and steel in 1900, with 2,402 wage-earners, and products valued at $6,977,343. In 1890 there were 9 establishments, 1,435 wage-earners, and products valued at $2,725,603. The increase in the value of products during the decade was $4,251,740, or 156 per cent. Iron ore exists in large quantities in 32 counties. Furnaces were early established in Bath and Estill counties, but were abandoned because of a lack of transportation facilities.[3] Ashland is now the center of a large and growing iron industry. In 1846 William Kelly built 2 iron furnaces near Eddyville, on the lower Cumberland, and in 1851 began what was called his "air-boiling process" for the refining of iron. This was five years before Henry Bessemer took out a patent for the pneumatic process of manufacturing steel, to which his name has been given, and during these years steamboats built at Cincinnati were using boiler plates similar to the Bessemer boiler plates, but made by the Kelly air-boiling process. Litigation about patents followed, and ultimately Kelly was allowed a royalty.[4]

There were 28 establishments engaged in the slaughtering and meat packing industry in 1900, with 511 wage-earners, and products valued at $5,177,167. In 1890 there were 26 establishments, 414 wage-earners, and products valued at $3,374,011. The increase in the value of products during the decade was $1,803,156, or 53.4 per cent. Pork packing was an early industry in Kentucky, and from the first centered in the city of Louisville, although before 1860 some packing was done at Lexington, Frankfort, and Maysville, and later at Bowling Green. Between 1850 and 1860, Louisville contended with Cincinnati for first place in the pork-packing industry of the United States; but the opening of the West, with its great grain fields, carried the supremacy away from the Ohio Valley. The use of manufactured ice, permitting summer packing, has caused a great increase in general slaughtering in Louisville, where this industry is now much larger than in the old days of winter packing.

There were 91 establishments engaged in the manufacture of foundry and machine shop products in 1900, with 2,790 wage-earners, and products valued at $4,434,610. In 1890 there were 65 establishments, 2,947 wage-earners, and products valued at $5,565,321. The decrease in the value of products during the decade was $1,130,711, or 20.3 per cent. This decrease is due to the removal of several large establishments from Covington and Newport to the gas fields of Indiana.

There were 25 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 3,572 wage-earners, and products valued at $4,248,029. In 1890 there were 9 establishments, 623 wage-earners, and products valued at $588,925. The increase in the value of products during the decade was $3,659,104, or 621.3 per cent. The first railroad train in the West ran on an oval track in a machine shop in Lexington, in 1827,[5] but it was not until 1835 that the first railroad was operated in Kentucky.[6] In 1900 there were 3,056 miles of track in the state.

There were 23 establishments engaged in the tanning, currying, and finishing of leather in 1900, with 810 wage-earners, and products valued at $3,757,016. In 1890 there were 31 establishments, 582 wage-earners, and products valued at $3,487,570. The increase in the value of products during the decade was $269,446, or 7.7 per cent. From the first settlement of the state, small tanneries were established to meet neighborhood requirements. About 1848 a large custom tannery was established in Louisville, soon followed by another. The chestnut-oak tree, the bark of which furnishes the tannin for leather manufacturing in Kentucky, has an advantage over hemlock, for when it is cut down and stripped of its bark, new shoots spring from the stump. In twenty years the new tree is ready for stripping, while the hemlock tree, once cut down and stripped of its bark, is permanently destroyed. Railroad development has given access to chestnut-oak forests, and has led to the erection of tanneries in Louisville, where the industry is now mainly concentrated. Sole-leather and harness leather are the principal products, although some sheepskins are tanned for the manufacture of shoes and saddles. Tanning is still one of the state's important industries, although it reached its highest development about 1883.

[1] Memorial History of Louisville, Vol. I, page 261.
[2] Ibid.
[3] History of Kentucky, by Richard H. Collins, Vol. II, pages 47, 167, and 168.
[4] History of Kentucky, by Z. F. Smith, pages 505 and 506. Memorial History of Louisville, Vol. I, page 319.
[5] History of Lexington, page 186.
[6] Memorial History of Louisville, Vol. I, page 319. History of Kentucky, by Z. F. Smith, page 525.

There were 192 establishments engaged in the manufacture of men's clothing, factory product, in 1900, with 2,701 wage-earners, and products valued at $3,420,365. In 1890 there were 248 establishments, 2,612 wage-earners, and products valued at $2,518,540. The increase in the value of products during the decade was $901,825, or 35.8 per cent. The manufacture of jean clothing began in Louisville about 1857, and developed rapidly after the close of the Civil War, until the city became one of the great centers of this industry. The jean used is made largely in the mills of the state. In place of shears formerly used in cutting the material for clothing, machines operated by electricity, and which cut from 24 to 54 thicknesses of cloth at once, are now used. The low profit on jean clothing during the last decade has led to the manufacture of cassimere clothing from cloth made partly in Kentucky and partly in the Atlantic states.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Covington, Lexington, Louisville, and Newport, as returned at the censuses of 1890 and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, COVINGTON, LEXINGTON, LOUISVILLE, AND NEWPORT, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
The State	1900	9,560	$104,070,791	62,962	$22,434,185	$19,581,630	$82,830,415	$154,166,365
	1890	7,745	79,811,980	56,558	21,326,831	15,879,728	63,677,583	126,719,857
Per cent of increase		23.4	30.4	11.3	5.2	23.3	30.1	21.7
Covington	1900	404	4,754,786	3,972	1,555,089	835,445	3,107,926	6,803,032
	1890	1,308	6,897,380	6,111	2,956,263	1,026,579	8,228,079	15,999,575
Per cent of increase		[1] 69.1	[1] 31.1	[1] 35.0	[1] 47.4	[1] 18.6	[1] 62.2	[1] 57.5
Lexington	1900	272	1,707,118	1,464	556,613	263,536	1,492,152	3,033,007
	1890	183	1,619,880	1,279	550,026	124,915	1,256,739	2,708,445
Per cent of increase		48.6	5.4	14.5	1.2	111.0	18.7	12.0
Louisville	1900	2,307	49,334,701	29,926	10,945,720	13,145,595	41,016,391	78,746,390
	1890	1,700	36,086,985	24,159	9,844,468	6,250,230	28,033,840	54,515,226
Per cent of increase		35.7	36.7	23.9	11.2	110.3	46.3	44.4
Newport	1900	272	2,848,435	2,561	1,155,361	866,620	2,017,773	4,888,169
	1890	1,002	3,471,388	3,776	1,692,177	335,404	3,072,313	6,687,987
Per cent of increase		[1] 72.9	[1] 17.9	[1] 32.2	[1] 31.7	158.4	[1] 34.3	[1] 26.9
Total for 4 cities	1900	3,255	58,645,040	37,923	14,212,783	15,111,196	47,634,242	93,470,598
	1890	4,193	48,075,633	35,325	15,042,934	7,737,128	40,590,971	79,911,233
Per cent of increase		[1] 22.4	22.0	7.4	[1] 5.5	95.3	17.4	17.0
Per cent of 4 cities to total for state	1900	34.0	56.4	60.2	63.4	77.2	57.5	60.6
	1890	54.1	60.2	62.5	70.5	48.7	63.7	63.1

[1] Decrease.

It appears from Table 4 that there has been an increase during the past decade in the combined manufactures of the 4 principal cities of the state. Although the number of establishments decreased from 4,193 to 3,255, or 22.4 per cent, the average number of wage-earners increased from 35,325 to 37,923, or 7.4 per cent, and the value of products increased from $79,911,233 to $93,470,598, or 17 per cent.

In Louisville, the leading manufacturing city in the state, the number of establishments increased during the decade from 1,700 to 2,307, or 35.7 per cent; the number of wage-earners from 24,159 to 29,926, or 23.9 per cent; and the value of products from $54,515,226 to $78,746,390, or 44.4 per cent. The number of establishments, number of wage-earners, and value of products, in this city in 1900, constituted 24.1, 47.5, and 51.1 per cent, respectively, of the totals for the state. An increase in each of these particulars is also shown for the city of Lexington, while a decrease in each particular is shown for the cities of Covington and Newport. This decrease is due mainly to the removal from Covington and Newport of 30 large establishments, employing, in the aggregate, about 3,000 wage-earners. These have taken advantage of the cheaper fuel and the better shipping facilities offered in the natural gas belt of Indiana.

Table 5 presents the totals for the manufacturing industries of the 18 cities and towns withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and towns, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	PRODUCTS.			POPULATION.		
				Average number.	Total wages.			Value.	Rank.	Per cent of total.	Total.	Rank.	Per cent of total.
Total for state	9,560	$104,070,791	11,233	62,962	$22,434,185	$19,581,630	$82,830,415	$154,166,365	-------	100.0	2,147,174	-------	100.0
Total for urban manufactures	4,383	76,481,959	4,881	48,852	17,975,381	16,456,535	61,051,853	116,594,056	-------	75.6	412,838	-------	19.2
Ashland	82	2,980,975	83	1,620	575,152	169,151	3,046,856	4,595,809	4	3.0	6,800	11	0.3
Bellevue	30	73,463	32	79	27,839	20,047	61,619	149,558	18	0.1	6,332	13	0.3
Bowling Green	104	624,907	119	782	290,774	64,174	855,636	1,557,952	10	1.0	8,226	9	0.4
Covington	404	4,754,786	435	3,972	1,555,089	835,445	3,107,926	6,803,032	2	4.4	42,938	2	2.0
Dayton	59	193,690	62	236	86,218	6,903	125,112	314,610	16	0.2	6,104	14	0.3
Frankfort	66	1,594,791	75	367	161,474	256,229	1,181,326	2,038,125	9	1.3	9,487	8	0.4
Henderson	107	2,913,716	120	1,475	392,452	199,590	1,842,397	2,915,539	8	1.9	10,272	7	0.5
Hopkinsville	73	445,770	90	547	136,346	50,917	514,404	884,913	13	0.6	7,280	10	0.3
Lexington	272	1,707,118	290	1,464	556,613	263,536	1,492,152	3,033,007	7	2.0	26,369	4	1.2
Louisville	2,307	49,334,701	2,568	29,926	10,945,720	13,145,595	41,016,391	78,746,390	1	51.1	204,731	1	9.5
Ludlow	35	462,807	45	726	382,995	34,381	566,689	1,077,556	12	0.7	3,334	18	0.2
Mayfield	45	954,448	52	324	100,992	13,001	373,253	607,499	14	0.4	4,081	16	0.2
Maysville	95	1,125,147	119	644	194,055	52,770	621,730	1,207,560	11	0.8	6,423	12	0.3
Mt. Sterling	52	253,825	59	181	35,163	15,059	140,268	263,954	17	0.1	3,561	17	0.2
Newport	272	2,848,435	311	2,561	1,155,361	866,620	2,017,773	4,888,169	3	3.2	28,301	3	1.3
Owensboro	159	3,308,056	178	1,582	424,736	215,675	2,060,368	3,446,605	6	2.2	13,189	8	0.6
Paducah	171	2,689,121	175	2,305	918,603	233,926	1,703,324	3,627,344	5	2.3	19,446	5	0.9
Winchester	50	216,203	68	111	35,799	13,516	324,629	436,434	15	0.3	5,964	15	0.3
Total for state exclusive of urban manufactures	5,177	27,588,832	6,352	14,110	4,458,804	3,125,095	21,778,562	37,572,309	-------	24.4	1,734,336	-------	80.8
Per cent of urban manufactures to total for state	45.8	73.5	43.5	77.6	80.1	84.0	73.7	75.6	-------	-------	19.2	-------	-------

Of the 9,560 establishments in the state, 4,383, or 45.8 per cent, were located in these 18 cities and towns. The capital reported for these establishments was $76,481,959, or 73.5 per cent of that for the entire state. They furnished employment to 48,852 wage-earners, or 77.6 per cent of the total for the state; and the value of their products, $116,594,056, formed 75.6 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Covington, Lexington, Louisville, and Newport by specified industries.

Table 9 shows the totals for all industries in the cities and towns withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

[No manufactures reported

	COUNTIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	9,560	$104,070,791	$10,493,135	$15,603,906	$25,424,506	$52,549,244	11,233	5,079	$4,687,441	62,962	$22,434,185
2	Adair	42	38,573	3,350	5,675	21,318	8,230	50	2	1,050	35	9,586
3	Allen	58	166,995	15,445	11,539	64,132	75,879	68	7	4,374	197	65,712
4	Anderson	30	1,008,220	45,295	146,000	359,190	457,735	36	13	24,620	133	91,499
5	Ballard	33	131,039	34,130	9,885	45,575	41,449	42	5	4,560	127	39,325
6	Barren	73	139,554	9,255	14,500	75,402	40,397	101	3	1,800	120	39,041
7	Bath	46	210,610	82,845	14,566	55,694	57,505	54	7	3,040	113	34,670
8	Bell	42	1,966,351	168,370	406,530	438,479	952,972	42	36	45,862	771	242,279
9	Boone	34	70,380	3,055	14,720	22,600	30,005	39	3	1,100	26	9,347
10	Bourbon	59	437,888	30,650	80,675	170,750	155,813	71	15	13,360	129	51,184
11	Boyd	130	3,235,138	183,677	727,542	711,628	1,612,291	130	87	88,888	1,843	640,865
12	Boyle	84	383,405	35,510	59,350	103,933	184,612	104	22	14,020	329	93,661
13	Bracken	35	162,848	9,085	20,885	42,670	90,208	43	7	9,500	98	23,887
14	Breathitt	17	145,305	11,050	7,095	36,080	91,080	21	5	4,600	70	21,847
15	Breckinridge	82	352,072	57,259	119,255	97,149	78,409	104	9	5,442	222	70,276
16	Bullitt	22	381,991	25,455	53,070	63,895	239,571	27	10	5,400	46	18,610
17	Butler	41	66,529	15,375	7,005	28,635	15,514	50			42	12,270
18	Caldwell	52	178,733	18,255	33,210	57,573	69,695	64	15	5,870	221	54,307
19	Calloway	33	124,823	5,245	10,591	28,405	80,582	41	15	7,195	74	14,463
20	Campbell	409	3,575,089	310,260	801,910	793,709	1,669,210	456	154	163,962	3,063	1,302,598
21	Carlisle	42	109,947	25,925	12,650	48,505	22,867	48	7	1,134	77	22,148
22	Carroll	51	528,802	23,545	67,507	172,815	264,935	60	6	4,550	160	70,348
23	Carter	48	198,110	63,976	42,771	47,805	43,558	45	4	4,460	255	65,859
24	Casey	54	57,856	3,955	3,515	30,702	19,684	70			129	36,184
25	Christian	141	652,457	60,560	136,935	173,175	281,787	184	74	33,272	689	177,034
26	Clark	65	1,738,834	956,197	81,950	109,660	591,027	88	27	24,800	459	160,095
27	Clay	23	23,522	6,227	1,235	9,720	6,340	27			20	6,010
28	Clinton	28	33,796	4,676	4,765	15,105	9,250	35	4	1,270	31	7,507
29	Crittenden	33	76,850	4,570	8,470	33,425	30,385	38	3	2,600	45	12,593
30	Cumberland	15	35,304	5,530	2,004	12,800	14,970	22			12	3,691
31	Daviess	215	3,926,782	365,565	572,780	624,387	2,364,050	241	214	132,864	1,733	470,389
32	Edmonson	20	32,780	9,665	3,760	14,195	5,160	24			38	6,997
33	Elliott	36	24,573	1,303	2,905	14,340	6,025	40			26	7,270
34	Estill	36	196,720	103,860	8,870	37,157	46,833	40	5	1,860	91	29,831
35	Fayette	321	2,550,280	177,935	403,435	650,590	1,318,320	340	186	139,945	1,625	605,274
36	Fleming	76	153,573	23,405	20,400	39,610	70,158	92	3	1,130	61	20,944
37	Floyd	23	34,265	5,450	1,785	11,370	15,660	29			24	7,251
38	Franklin	91	1,895,311	118,835	247,610	462,534	1,066,332	99	96	92,018	571	212,805
39	Fulton	30	325,323	37,783	45,260	74,180	168,100	49	1	1,200	282	92,986
40	Gallatin	21	88,913	2,940	12,420	26,980	46,573	25			50	19,410
41	Garrard	38	91,015	9,960	23,160	36,805	21,090	41	2	2,100	44	14,349
42	Grant	55	70,526	6,965	12,815	26,706	24,040	64	1	500	31	10,504
43	Graves	82	1,080,991	48,880	82,232	156,609	793,270	106	11	8,200	387	118,468
44	Grayson	57	119,115	14,964	18,006	55,450	30,695	80	3	1,160	82	24,411
45	Green	32	40,320	4,570	5,270	22,670	7,820	38			21	5,755
46	Greenup	34	57,616	6,320	8,990	22,931	19,375	37	3	1,720	88	35,652
47	Hancock	32	61,214	7,785	6,450	22,515	24,464	38	1	300	42	11,655
48	Hardin	83	275,906	17,715	40,455	99,258	118,478	99	13	7,890	119	38,552
49	Harlan	27	23,137	9,479	2,036	9,725	1,897	28			7	2,103
50	Harrison	93	548,305	28,170	96,885	189,212	234,038	107	13	7,952	149	61,410
51	Hart	47	99,814	22,498	11,965	32,722	32,629	58	1	900	51	17,076
52	Henderson	153	3,221,702	208,526	468,430	588,227	1,956,519	171	115	84,597	1,716	465,001
53	Henry	53	140,095	5,915	32,415	26,435	75,330	59	2	1,110	51	16,929
54	Hickman	18	81,526	5,600	12,830	26,980	36,116	23	9	5,260	170	57,355
55	Hopkins	117	581,818	82,495	60,240	148,707	290,376	155	27	14,524	562	157,628
56	Jackson	21	14,468	2,806	1,445	8,757	1,460	29			11	3,620
57	Jefferson	2,382	50,158,308	4,462,721	7,116,778	11,395,437	27,183,372	2,658	2,915	2,946,231	30,244	11,060,209
58	Jessamine	57	437,056	38,666	50,525	176,345	171,520	74	24	16,800	264	77,654
59	Johnson	18	20,191	2,131	1,510	7,925	8,625	23			18	6,125
60	Kenton	475	5,625,892	537,508	963,705	1,952,185	2,172,494	514	256	251,861	4,979	1,999,895
61	Knott	13	11,910	3,260	1,400	5,400	1,850	18			2	380
62	Knox	30	60,304	28,614	3,735	17,030	10,925	41	1	600	37	11,010
63	Larue	29	353,608	53,740	64,035	151,650	84,183	42	8	9,160	60	32,992
64	Laurel	42	181,807	61,170	10,300	29,120	81,217	51	8	4,850	154	52,622
65	Lawrence	57	113,808	33,902	8,674	38,839	32,393	68	8	2,034	79	25,839
66	Lee	16	75,912	35,030	2,640	22,540	15,702	15	2	967	41	14,465
67	Letcher	21	17,797	6,478	2,130	6,925	2,264	28			16	5,090
68	Lewis	60	191,394	17,490	34,030	34,682	105,192	75	7	8,650	248	67,900
69	Lincoln	87	253,532	11,905	46,820	69,543	125,264	115	5	1,725	168	49,395
70	Livingston	28	44,168	1,520	5,005	16,915	20,728	35	1	350	32	7,807
71	Logan	113	503,712	230,487	54,395	111,910	106,920	138	12	8,750	207	59,400
72	Lyon	25	181,465	24,970	5,655	28,980	121,860	32	30	14,960	367	75,847
73	McCracken	189	2,784,999	337,845	385,654	783,834	1,277,666	194	139	109,584	2,343	930,727
74	McLean	44	172,345	11,965	14,255	58,084	88,041	57	4	1,725	172	49,105
75	Madison	94	519,468	44,755	63,060	211,906	199,747	99	21	14,301	233	81,388
76	Magoffin	12	110,450	1,035	6,690	25,950	76,775	15	6	5,300	135	47,990

BY COUNTIES: 1900.

from Leslie county.]

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.										Value of products, including custom work and repairing.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
51,101	$20,216,990	9,174	$1,887,904	2,687	$329,291	$19,581,630	$855,998	$627,392	$16,682,288	$1,415,952	$82,830,415	$80,667,225	$2,163,190	$154,166,365	1
34	9,486	1	100			2,265	907	211	1,147		79,679	78,998	681	124,101	2
187	63,882	2	540	8	1,290	6,555	783	851	4,921		216,673	215,482	1,191	394,490	3
133	91,499					288,456	867	3,488	284,101		536,228	500,176	36,052	1,040,533	4
124	38,805	2	420	1	100	6,424	500	790	5,134		144,906	142,764	2,142	237,309	5
113	38,451	3	300	4	290	5,162	865	1,165	2,862	270	249,686	246,457	3,229	382,735	6
102	31,765	9	2,630	2	275	6,518	2,154	641	3,623	100	143,243	140,191	3,052	246,024	7
765	241,343			6	936	71,850	1,367	10,287	60,196		1,263,027	1,046,880	216,147	1,968,504	8
26	9,347					1,604	136	321	897	250	69,917	68,342	1,575	108,430	9
113	47,944	16	3,240			18,164	5,312	2,715	9,904	233	229,122	222,472	6,650	402,187	10
1,763	627,280	28	4,817	52	8,768	197,490	16,367	13,241	161,957	5,925	3,337,179	2,864,506	472,673	5,108,228	11
289	87,938	33	5,196	7	527	30,221	6,123	3,421	19,077	1,600	377,904	372,734	5,170	669,285	12
62	18,851	26	4,176	10	860	10,757	844	884	9,029		166,554	164,032	2,522	273,707	13
68	21,487			2	360	2,607	225	356	2,026		105,928	105,343	585	164,835	14
203	68,104	13	1,522	6	650	11,394	1,586	1,496	8,187	125	268,723	262,804	5,919	457,276	15
46	18,610					11,792	96	822	10,874		124,197	120,059	4,138	200,088	16
39	11,880	1	280	2	110	1,370	380	326	664		81,983	80,842	1,141	132,718	17
186	49,300	18	2,915	17	2,092	17,843	2,596	1,819	5,428	8,000	265,024	256,899	8,125	431,433	18
46	11,378	17	2,505	11	580	31,415	842	865	29,692	16	73,692	72,382	1,310	158,062	19
2,179	1,139,864	837	156,647	47	6,087	903,808	26,452	21,859	616,373	239,124	2,335,294	2,235,409	99,885	5,630,182	20
68	20,883	6	865	3	400	3,522	473	935	2,114		132,619	130,809	1,810	197,959	21
146	68,125	12	2,145	2	78	92,994	2,063	3,677	86,951	303	252,454	247,394	5,060	482,733	22
255	65,859					5,725	1,130	720	3,875		75,819	61,523	14,296	193,610	23
129	36,184					3,366	1,871	443	1,052		125,223	124,802	421	221,711	24
616	166,031	54	8,483	19	2,520	58,298	8,441	5,120	38,105	6,632	725,627	712,315	13,312	1,220,055	25
430	154,657	21	4,544	8	894	67,072	5,509	7,886	53,092	585	875,338	871,062	4,276	1,352,441	26
20	6,010					2,702	50	155	2,497		26,557	26,102	455	46,104	27
31	7,507					5,861	84	317	5,460		40,704	40,259	445	74,935	28
43	12,283	1	210	1	100	1,727	341	386	1,000		91,426	89,547	1,879	142,489	29
12	3,691					1,214	22	349	843		28,974	28,745	229	40,435	30
1,338	415,387	274	40,833	121	14,169	360,305	20,112	18,018	302,122	20,053	2,338,350	2,305,486	32,864	4,010,630	31
38	6,997					2,848	40	203	2,510	95	29,816	28,810	1,006	54,415	32
26	7,270					599	24	155	420		65,137	64,543	594	94,536	33
91	29,831					10,142	202	1,863	8,027	50	98,604	97,922	682	200,423	34
1,354	558,322	233	43,223	38	3,729	472,033	47,794	16,397	348,428	59,414	1,764,498	1,716,971	47,527	3,751,034	35
58	20,465	3	479			5,822	1,672	1,141	2,509	500	156,931	153,734	3,197	263,012	36
23	7,000	1	251			453	44	320	89		30,914	30,684	230	54,086	37
458	196,100	78	14,956	35	1,749	283,498	15,830	24,206	119,363	124,099	1,424,993	1,402,373	22,620	2,420,327	38
247	87,061	4	1,200	31	4,725	9,849	510	1,637	5,702	2,000	493,783	487,480	6,303	816,972	39
48	19,130	1	180	1	100	6,257	388	304	5,265	300	73,265	72,635	630	122,716	40
42	13,824	2	525			17,958	1,128	622	16,208		99,317	96,073	3,244	155,628	41
28	10,120	3	384			2,863	1,481	493	889		98,011	95,281	2,730	152,852	42
212	80,416	160	36,582	15	1,470	15,075	3,373	5,209	5,783	710	592,454	582,744	9,710	922,512	43
68	21,725	11	2,196	3	490	4,926	920	789	3,217		169,582	167,224	2,358	252,323	44
21	5,755					3,290	161	240	2,759	130	70,487	69,476	1,011	101,575	45
88	35,652					1,019	154	417	448		98,829	97,760	1,069	163,068	46
36	10,930	1	100	5	625	3,528	743	510	2,275		63,619	62,803	816	107,327	47
116	38,225	2	215	1	112	7,354	1,587	1,135	4,599	33	381,063	374,712	6,351	553,683	48
7	2,103					1,297		95	1,202		26,987	26,806	181	36,422	49
131	58,026	18	3,384			31,538	4,429	2,506	20,873	3,730	272,156	262,760	9,396	482,019	50
51	17,076					2,357	258	581	1,543	25	119,433	118,280	1,153	176,931	51
1,050	345,023	479	96,500	187	23,478	216,597	15,804	17,523	175,502	7,768	2,168,757	2,143,833	24,924	3,449,406	52
49	16,634	1	195	1	100	5,396	1,105	516	3,735	40	151,646	147,911	3,735	212,835	53
146	53,696			24	3,659	5,172	545	310	4,317		101,302	100,331	971	205,483	54
461	145,283	47	7,875	54	4,470	27,824	6,942	2,191	18,591	100	554,106	548,794	5,312	946,807	55
11	3,620					241	10	103	128		21,550	21,365	185	35,709	56
23,663	9,752,615	5,177	1,137,281	1,404	170,313	13,188,281	464,427	288,913	11,656,535	778,406	41,426,500	40,756,134	670,366	79,494,790	57
257	76,329	4	1,023	3	302	25,449	2,171	2,156	20,822	300	462,153	449,255	12,898	665,218	58
18	6,125					422	185	77	160		23,304	23,179	125	42,910	59
3,940	1,810,440	881	166,044	158	23,411	1,680,419	61,442	52,033	1,452,825	114,119	3,986,301	3,849,370	136,931	9,169,094	60
2	380					1,420		81	1,339		25,264	25,161	103	31,862	61
34	10,685			3	325	686	100	174	332	80	57,886	57,596	290	104,835	62
58	32,492	2	500			7,735	415	1,405	5,915		156,153	152,323	3,830	254,727	63
147	51,526	4	800	3	296	3,796	1,325	874	1,547	50	101,601	100,951	650	206,464	64
75	25,359	2	365	2	115	2,890	355	507	1,983	45	137,903	136,681	1,222	212,260	65
41	14,465					1,183	112	516	555		54,945	54,845	100	86,424	66
16	5,090					292	105	152	10	25	38,262	38,067	195	57,759	67
247	67,848			1	52	11,724	341	1,371	9,916	96	196,518	185,068	11,450	351,723	68
138	44,985	20	3,489	10	921	57,242	2,855	1,289	52,653	445	272,892	266,639	6,253	454,674	69
32	7,807					640	332	195	113		54,550	53,782	768	86,333	70
170	55,052	16	2,808	21	1,540	14,781	3,770	2,388	8,623		457,902	450,771	7,131	686,990	71
366	75,737	1	110			12,714	252	728	11,734		267,806	267,079	727	423,748	72
2,003	869,892	190	36,833	150	24,002	235,003	30,997	17,516	168,094	18,396	1,812,971	1,780,638	32,333	3,779,096	73
168	48,695	1	100	3	310	4,993	531	686	3,776		141,402	140,499	903	271,790	74
220	79,529	4	759	9	1,100	23,391	4,100	2,732	16,459	100	403,550	395,113	8,437	656,039	75
134	47,690	1	300			13,047	517	322	12,208		235,239	234,870	369	375,592	76

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
77	Marion	70	$538,748	$31,470	$105,915	$135,435	$265,928	83	23	$16,892	267	$89,902
78	Marshall	29	54,010	9,255	7,865	27,295	9,625	38	1	900	43	14,262
79	Martin	4	29,020	3,015	20	2,975	23,010	4	1	900	27	8,100
80	Mason	139	1,273,260	176,812	210,234	290,690	595,524	169	62	52,613	699	212,901
81	Meade	37	265,766	41,415	35,010	97,010	92,331	45	9	5,100	110	27,665
82	Menifee	18	149,053	37,807	19,395	54,580	37,271	22	2	3,480	38	12,856
83	Mercer	55	266,676	14,700	50,980	104,340	96,656	70	4	1,860	75	31,486
84	Metcalfe	36	57,056	16,185	3,985	24,470	12,416	48	2	1,056	37	10,736
85	Monroe	62	80,545	13,440	11,700	37,830	17,575	90	3	275	70	22,916
86	Montgomery	75	374,245	43,990	73,795	136,005	120,455	86	12	7,904	155	44,145
87	Morgan	17	19,888	870	1,820	12,255	4,943	24	2	780	61	18,380
88	Muhlenberg	72	311,859	21,895	42,425	60,676	186,863	109	29	13,790	342	98,430
89	Nelson	58	1,017,726	44,315	207,155	222,853	543,403	73	26	28,998	150	60,123
90	Nicholas	53	174,660	18,770	24,815	53,970	77,105	64	4	4,000	81	26,479
91	Ohio	61	118,705	15,865	22,300	53,206	27,334	87	2	700	81	26,761
92	Oldham	25	25,770	4,995	4,425	8,240	8,110	27	------	------	26	4,869
93	Owen	59	111,249	3,340	9,209	35,567	63,133	75	3	1,680	70	18,960
94	Owsley	17	10,705	1,920	765	6,130	1,890	23	------	------	12	3,360
95	Pendleton	59	214,395	13,300	32,125	61,135	107,835	71	11	6,000	141	45,389
96	Perry	19	13,865	2,715	2,320	7,920	910	26	------	------	8	2,184
97	Pike	34	64,898	31,500	3,050	22,948	7,400	42	2	1,200	47	14,015
98	Powell	24	296,351	41,630	15,305	52,370	187,046	29	11	9,180	99	34,912
99	Pulaski	102	528,715	40,788	52,405	195,897	239,625	127	22	17,260	394	145,150
100	Robertson	12	15,670	1,090	3,490	6,605	4,485	16	------	------	3	893
101	Rockcastle	31	56,290	15,700	6,740	22,565	11,285	39	1	240	46	16,331
102	Rowan	35	145,650	29,190	12,680	56,306	47,474	36	7	6,300	164	50,570
103	Russell	27	28,535	2,970	4,025	16,195	5,345	34	------	------	19	5,006
104	Scott	64	201,286	12,580	51,235	67,100	70,371	81	4	2,320	100	36,608
105	Shelby	53	177,048	15,040	29,890	61,033	71,085	66	8	3,940	66	25,734
106	Simpson	34	105,076	5,910	15,275	43,760	40,131	39	3	2,220	82	23,519
107	Spencer	36	60,435	3,610	8,750	21,275	26,800	38	3	1,700	52	15,470
108	Taylor	45	218,006	6,608	16,515	29,818	165,065	51	3	2,100	123	41,322
109	Todd	52	83,870	9,328	12,575	35,947	26,020	63	2	800	56	16,209
110	Trigg	26	75,840	8,664	11,940	33,420	21,816	36	------	------	26	8,485
111	Trimble	18	116,860	1,480	67,905	40,235	7,240	23	2	2,400	41	20,101
112	Union	94	599,502	33,347	92,347	181,739	292,069	121	15	17,970	280	102,762
113	Warren	146	811,629	81,122	125,510	234,943	370,054	184	54	37,222	835	307,148
114	Washington	39	59,394	4,484	10,360	26,080	18,470	46	1	250	35	11,249
115	Wayne	40	45,358	3,650	7,100	21,475	13,131	54	------	------	25	7,230
116	Webster	56	161,499	13,775	34,222	47,895	65,607	69	4	1,154	105	32,191
117	Whitley	110	326,761	39,071	20,784	99,967	166,939	138	13	9,355	267	91,752
118	Wolfe	31	116,261	60,281	4,040	37,030	14,910	41	4	1,740	75	24,640
119	Woodford	55	883,383	21,935	181,855	192,540	487,053	62	31	43,355	162	56,643

TABLE 7.—MANUFACTURES BY

1	All industries	9,560	$104,070,791	$10,493,135	$15,603,906	$25,424,506	$52,549,214	11,233	5,079	$4,687,441	62,962	$22,434,185
2	Agricultural implements	9	1,735,595	169,400	189,887	240,550	1,135,758	5	95	124,720	680	300,106
3	Awnings, tents, and sails	6	18,195	2,000	1,430	1,575	13,190	6	2	550	29	11,977
4	Baking and yeast powders	4	9,325	100	150	1,275	7,800	8	12	2,020	13	3,049
5	Baskets, and rattan and willow ware	11	7,087	850	2,655	137	3,445	13	------	------	2	930
6	Bicycle and tricycle repairing	55	50,451	4,000	4,950	15,596	25,905	67	2	110	53	17,366
7	Blacksmithing and wheelwrighting	1,324	1,004,026	174,532	238,568	193,411	397,515	1,536	4	1,224	728	271,872
8	Bookbinding and blank book making	3	6,100	------	------	4,700	1,400	3	------	------	12	2,840
9	Boot and shoe uppers	4	6,688	------	------	1,540	5,148	7	------	------	14	5,969
10	Boots and shoes, custom work and repairing.	288	142,835	30,562	39,184	31,092	41,997	299	1	468	128	46,947
11	Boots and shoes, factory product	7	254,382	------	------	44,456	209,926	12	63	37,075	207	50,819
12	Bottling	5	59,427	7,000	5,000	4,097	43,330	8	17	19,322	35	12,694
13	Boxes, wooden packing	9	482,784	96,275	39,986	95,424	251,099	8	21	17,857	630	186,973
14	Brass castings and brass finishing	5	31,772	------	------	6,793	24,979	7	------	------	33	12,784
15	Bread and other bakery products	226	860,600	166,050	306,450	234,634	153,466	243	79	39,246	606	215,918
16	Brick and tile	84	805,446	144,280	297,087	143,330	220,749	97	36	25,843	918	251,547
17	Brooms and brushes	34	153,216	5,290	10,545	9,436	127,945	46	25	17,154	180	45,890
18	Carpentering	313	544,035	60,387	70,707	70,066	342,875	397	31	16,928	1,451	668,732
19	Carpets, rag	5	4,339	900	1,500	1,685	254	4	------	------	8	1,340
20	Carriage and wagon materials	17	658,150	86,500	107,689	179,335	284,626	8	42	42,082	578	187,096
21	Carriages and wagons	151	3,084,793	271,364	463,311	227,393	2,122,725	196	122	116,935	1,677	625,304
22	Cars and general shop construction and repairs by steam railroad companies.	25	1,761,958	252,430	484,950	442,561	582,017	------	96	82,689	3,572	1,841,778
23	Cheese and butter, urban dairy products.	18	4,022	175	250	565	3,032	20	1	75	9	2,726
24	Cheese, butter, and condensed milk, factory product.	9	18,640	165	1,450	5,665	11,360	14	------	------	17	5,206
25	Clothing, men's, custom work and repairing.	245	1,399,194	51,976	77,000	73,743	1,196,475	284	115	107,697	1,632	492,995
26	Clothing, men's, factory product	192	1,509,136	24,442	53,430	90,439	1,840,825	210	172	136,915	2,701	694,018

BY COUNTIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
261	$89,009	8	$562	3	$331	$176,876	$2,118	$5,321	$168,677	$760	$410,628	$402,985	$7,643	$854,728	77
43	14,262					822		482	340		94,563	93,453	1,110	145,562	78
27	8,100					260		210	50		11,575	11,565	10	30,695	79
524	189,988	101	16,719	74	6,194	55,680	10,697	7,851	36,092	1,040	668,616	652,072	16,544	1,317,865	80
68	18,565	25	6,500	17	2,600	20,007	110	958	18,839	100	176,086	173,313	2,773	262,864	81
38	12,836					4,277		207	4,070		91,420	91,226	194	124,387	82
71	30,611	4	875			14,070	2,794	1,725	9,051	500	201,607	195,999	5,608	312,784	83
37	10,736					1,959	211	394	1,354		73,791	73,263	528	116,303	84
66	22,299	3	552	1	65	5,845	476	557	4,812		132,199	130,614	1,585	224,695	85
134	39,280	19	4,710	2	155	166,689	5,722	4,033	150,843	6,091	216,063	209,308	6,755	545,975	86
61	18,380					554	215	110	229		23,863	23,412	451	56,480	87
275	90,371	33	4,482	34	3,577	53,548	1,496	3,114	48,938		341,473	337,365	4,108	652,746	88
150	60,123					92,842	413	4,846	87,583		406,763	388,413	18,350	751,760	89
72	24,855	7	1,374	2	250	6,180	3,820	998	1,362		149,698	147,316	2,383	238,325	90
81	26,761					3,699	384	781	2,434	100	153,601	152,177	1,424	243,656	91
14	3,245	12	1,624			1,141	598	98	295	150	14,925	14,419	506	35,222	92
48	14,870	22	4,090			3,438	1,651	387	1,400		182,160	180,029	2,131	259,433	93
12	3,360					221	60	71	90		17,861	17,734	127	29,751	94
133	44,359	8	1,030			12,868	1,169	1,189	10,510		221,015	216,990	4,025	402,679	95
8	2,184					206		106	100		19,344	19,249	95	26,642	96
47	14,015					2,530	286	434	1,810		68,242	67,797	445	109,427	97
96	34,232			3	680	34,200	531	1,475	32,194		202,680	202,538	142	343,020	98
381	143,315	3	690	10	1,145	19,851	1,186	2,285	16,170	210	455,260	451,709	3,551	783,099	99
2	743	1	150			415	185	95	135		15,977	15,520	457	25,272	100
46	16,331					1,683	310	260	1,113		56,608	55,271	1,337	102,289	101
161	50,150			3	420	4,813	790	663	3,360		137,457	136,247	1,210	275,592	102
19	5,006					621	192	194	235		47,425	47,280	145	70,467	103
87	34,055	11	2,288	2	265	13,373	5,318	1,337	6,718		244,754	237,053	7,701	387,146	104
65	25,662			1	72	6,467	1,233	954	4,280		213,069	208,804	4,265	308,214	105
66	21,007	13	2,278	3	234	7,467	648	812	6,007		169,157	165,888	3,269	250,875	106
50	15,130	1	220	1	120	4,044	1,866	396	1,682	100	86,353	84,869	1,484	139,582	107
121	41,102			2	220	2,742	460	711	1,571		328,466	326,176	2,290	455,927	108
51	15,179	4	955	1	75	4,277	1,590	541	2,106	40	89,491	87,219	2,272	158,435	109
24	8,270			2	215	1,617	420	557	640		106,633	106,024	609	148,125	110
37	19,351	4	750			6,465	292	567	5,601	5	148,062	143,268	4,794	214,164	111
243	95,532	31	6,100	6	1,130	20,407	2,789	2,339	15,067	212	496,486	484,054	12,432	772,324	112
711	281,241	111	24,605	13	1,302	94,466	11,329	6,137	65,178	11,822	991,898	977,897	14,001	1,782,891	113
32	11,099			3	150	1,821	671	363	787		112,393	110,510	1,883	156,597	114
25	7,230					1,133	388	283	462		65,834	65,364	470	91,248	115
83	28,551	10	2,085	12	1,555	6,280	871	974	3,935	500	149,775	146,935	2,840	248,663	116
261	90,886	5	810	1	56	7,950	1,292	3,220	3,388	50	341,011	340,111	900	610,526	117
75	24,640					1,294	89	858	347		84,536	83,944	592	151,373	118
140	53,213	22	3,430			64,007	3,354	11,404	49,249		389,205	367,704	21,501	687,899	119

SPECIFIED INDUSTRIES: 1900.

51,101	$20,216,990	9,174	$1,887,904	2,687	$329,291	$19,581,630	$855,998	$627,392	$16,682,288	$1,415,952	$82,830,415	$80,667,225	$2,163,190	$154,166,365	1
679	299,846			1	260	148,009	914	12,072	135,023		466,193	455,876	10,317	1,320,714	2
14	8,491	15	3,486			3,978	1,684	121	1,523	650	24,043	23,867	176	55,165	3
6	1,986	5	775	2	288	2,189	372	35	1,782		13,231	13,213	18	23,791	4
2	930					138	90	32	16		3,170	3,089	81	10,115	5
46	16,510			7	856	9,995	6,677	282	2,711	325	37,941	37,004	937	113,640	6
716	270,320			12	1,552	60,789	41,144	6,000	10,028	3,617	467,531	434,581	32,950	1,645,425	7
4	1,590	8	1,250			716	480	43	193		2,977	2,877	100	11,169	8
14	5,969					1,482	570	37	875		13,714	13,660	54	26,458	9
125	46,491	2	360	1	96	24,845	19,436	1,422	3,061	926	109,256	107,149	2,107	352,495	10
94	30,629	69	14,664	44	5,526	64,313	3,294	14,397	4,842	41,780	456,018	454,404	1,614	630,358	11
24	9,944	11	2,750			7,920	2,140	757	5,023		98,125	97,961	164	163,668	12
551	172,787	14	3,132	65	11,054	9,581	1,100	383	8,098		379,074	366,613	12,461	692,894	13
25	10,984	8	1,800			3,095	1,466	11	1,618		58,877	57,335	1,542	89,760	14
492	198,427	106	15,933	8	1,558	75,652	32,976	7,436	35,240		837,811	812,017	25,794	1,644,415	15
874	246,757			44	4,790	23,718	4,045	4,127	14,021	1,525	127,603	32,898	94,705	630,839	16
161	41,604	15	3,754	4	532	30,087	2,516	529	11,042	16,000	282,402	281,527	875	489,753	17
1,450	668,456			1	276	641,915	14,996	3,113	17,196	606,610	1,639,174	1,637,118	2,056	3,617,952	18
5	740	3	600			459	260	41	158		551	526	25	4,404	19
534	180,694	22	3,926	22	2,476	57,251	181	4,419	52,651		426,005	417,373	8,632	814,235	20
1,628	615,812	14	3,405	35	6,087	144,774	13,195	12,454	118,625	500	1,500,815	1,483,568	17,247	2,866,699	21
3,564	1,838,893	8	2,885			55,984	35	16,135	39,814		2,267,578	2,218,056	49,522	4,248,029	22
9	2,726					1,992	1,849	10	133		27,440	27,300	140	40,877	23
14	4,916	2	160	1	130	1,261	826	59	376		55,447	55,077	370	77,035	24
718	338,872	800	143,735	114	10,388	315,489	60,087	7,000	84,484	163,918	1,406,203	1,399,002	7,201	2,813,667	25
602	237,620	1,993	444,795	106	11,603	259,040	25,898	6,518	108,519	118,105	1,851,051	1,839,310	11,741	3,420,365	26

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
27	Clothing, women's, dressmaking	274	$210,132	$23,950	$38,130	$31,023	$117,029	305	22	$18,664	1,058	$236,109
28	Clothing, women's, factory product	9	17,875			3,575	14,300	15	3	2,190	91	21,844
29	Coffee and spice, roasting and grinding.	5	75,000	3,000	10,000	11,600	50,400	6	4	3,600	19	14,454
30	Coke	5	198,533	1,900	17,800	166,078	12,755		8	5,600	126	47,806
31	Confectionery	50	423,217	19,700	35,485	74,507	293,525	52	89	68,526	570	123,074
32	Cooperage	81	1,041,079	96,570	87,014	150,456	707,039	90	44	64,392	1,289	318,997
33	Cordage and twine	4	403,653	1,500	40,200	178,647	183,306	2	18	21,804	384	116,312
34	Cotton goods	6	1,867,605	77,016	273,428	869,363	647,798		24	33,761	1,351	280,407
35	Dyeing and cleaning	26	24,397	2,850	6,150	11,615	3,782	26	4	2,160	47	15,188
36	Dyeing and finishing textiles	3	161,239	7,800	28,922	55,455	69,062	3	7	9,090	116	45,225
37	Electrical apparatus and supplies	4	76,077			34,811	41,266	8	7	6,379	56	24,396
38	Electrical construction and repairs	16	25,125	400	600	4,600	19,525	20	4	2,594	48	19,353
39	Electroplating	4	5,220	1,000	250	3,550	420	6			7	2,764
40	Engraving, steel, including plate printing.	3	16,764			12,170	4,594	3	3	400	24	13,125
41	Fertilizers	4	335,974	20,000	27,500	40,788	247,686	2	16	17,650	89	39,738
42	Flouring and grist mill products	1,145	4,928,928	440,784	964,408	1,893,110	1,630,626	1,465	171	125,969	1,134	483,594
43	Food preparations	7	7,525	1,350	1,300	1,785	3,090	8	2	752	10	3,754
44	Foundry and machine shop products	91	3,445,369	468,617	533,552	890,895	1,552,305	86	225	230,134	2,790	1,182,942
45	Fruits and vegetables, canning and preserving.	8	95,600	6,000	18,150	34,400	37,050	7	12	5,840	231	36,903
46	Fur goods	4	18,465	700	300	1,065	16,400	6	4	2,288	35	13,976
47	Furniture, cabinetmaking, repairing, and upholstering.	66	72,102	12,815	12,215	11,490	35,582	81	3	316	97	39,747
48	Furniture, factory product	24	1,352,518	93,902	139,223	204,855	914,538	28	72	65,981	918	333,238
49	Gas, illuminating and heating	17	4,495,722	304,077	310,185	3,570,690	310,770		60	51,129	279	121,744
50	Glass, cutting, staining, and ornamenting.	4	14,635			910	13,725	5	1	200	19	13,480
51	Hairwork	4	2,870			195	2,675	5			9	1,545
52	Hats and caps, not including fur hats and wool hats.	5	13,975	1,200	1,850	2,300	8,625	7	2	1,950	26	7,342
53	House furnishing goods, not elsewhere specified.	3	34,785			5,500	29,285	6			44	11,678
54	Ice, manufactured	31	1,200,117	91,890	241,474	763,581	103,172	22	52	32,600	192	84,321
55	Instruments, professional and scientific	3	11,030			1,715	9,315	3	1	780	7	3,148
56	Iron and steel	8	4,198,987	181,998	918,000	1,132,857	1,966,132		95	138,504	2,402	1,144,782
57	Ironwork, architectural and ornamental.	10	281,273	34,600	56,968	98,012	91,693	8	30	25,256	193	63,085
58	Jewelry	4	13,412			3,712	9,700	5	1	936	29	14,262
59	Leather, tanned, curried, and finished	23	4,681,389	249,842	597,407	439,040	3,395,100	17	53	61,063	810	321,658
60	Lime and cement	12	604,969	134,961	221,446	104,465	144,097	12	13	7,440	313	106,201
61	Liquors, distilled	177	12,280,054	1,204,073	2,250,022	3,065,812	5,760,147	188	248	327,657	1,112	559,439
62	Liquors, malt	26	5,131,654	504,115	1,870,761	1,310,336	1,446,442	14	124	192,525	591	327,242
63	Lock and gun smithing	27	30,305	4,110	4,655	12,145	9,395	31	1	600	25	11,003
64	Looking-glass and picture frames	23	44,320	6,500	13,350	3,840	20,630	32	3	800	24	11,376
65	Lumber and timber products	1,280	9,805,404	2,644,006	585,097	2,272,310	4,303,991	1,699	337	258,910	7,549	2,477,696
66	Lumber, planing mill products, including sash, doors, and blinds.	90	1,508,038	177,688	212,092	288,405	829,853	123	80	57,694	981	379,273
67	Malt	3	24,500			3,000	21,500	3	3	4,200	26	15,631
68	Marble and stone work	35	194,788	42,477	16,734	67,323	68,254	61	10	7,385	296	110,057
69	Masonry, brick and stone	88	409,424	37,343	24,332	60,823	286,926	110	21	19,140	783	381,081
70	Mattresses and spring beds	12	16,555	1,450	1,550	2,630	10,925	16	7	4,746	31	13,421
71	Millinery, custom work	353	623,442	52,085	109,830	22,989	438,538	417	76	82,133	762	186,766
72	Mineral and soda waters	30	167,555	36,655	24,770	57,030	49,100	37	10	7,424	88	34,657
73	Monuments and tombstones	64	353,690	62,396	57,120	27,680	206,494	83	40	54,217	253	122,670
74	Musical instruments, pianos and materials.	4	118,250	9,500	15,000	36,250	57,500	4	3	1,440	43	21,885
75	Oil, cottonseed and cake	3	2,029,296	40,680	165,546	309,656	1,513,414		30	52,877	180	59,070
76	Optical goods	4	10,100		300	1,350	8,450	3	2	1,250	7	2,622
77	Painting, house, sign, etc	226	181,512	27,146	29,045	36,109	89,212	280	8	4,328	656	287,193
78	Paints	9	174,586	20,422	25,500	27,837	100,827	7	12	12,900	52	20,326
79	Paper hanging	57	182,370	16,760	25,625	6,102	133,883	81	18	10,678	249	104,841
80	Patent medicines and compounds	34	353,951	20,440	46,700	30,372	256,439	39	58	59,504	189	64,518
81	Paving and paving materials	42	641,986	240,015	37,950	169,117	194,904	43	43	32,913	1,008	367,374
82	Perfumery and cosmetics	5	4,514			930	3,584	5			7	1,450
83	Photography	112	105,754	4,445	7,722	58,496	35,091	117	16	3,091	79	33,515
84	Pickles, preserves, and sauces	4	146,115	10,500	34,000	30,101	71,514	5	20	19,360	262	36,850
85	Pipes, tobacco	3	21,600	2,400	2,900	12,000	4,300	5	9	7,300	73	14,220
86	Plastering and stuccowork	48	36,932	8,960	11,265	4,375	12,332	56	4	2,928	118	63,570
87	Plumbing, and gas and steam fitting	153	508,332	28,936	40,775	56,813	381,808	179	50	28,845	621	271,268
88	Pottery, terra cotta, and fire-clay products.	16	698,560	118,553	233,852	95,783	250,372	11	47	45,416	841	233,253
89	Printing and publishing, book and job	82	737,502	37,000	20,425	398,702	281,375	83	73	64,110	709	275,438
90	Printing and publishing, newspapers and periodicals.	248	2,683,855	294,025	290,240	929,157	1,170,433	225	367	325,851	1,154	521,739
91	Pumps, not including steam pumps	3	5,800	1,500	500	2,450	1,350	4			2	986
92	Roofing and roofing materials	60	209,180	28,910	47,915	34,955	97,400	63	19	12,320	206	88,534
93	Saddlery and harness	218	1,278,214	62,430	96,665	85,343	1,033,776	261	86	66,302	809	348,162
94	Sewing machine repairing	10	5,161	900	1,500	1,109	1,652	7	2	1,520	10	2,806
95	Ship and boat building, wooden	10	60,377	12,100	8,300	12,075	27,902	14	6	3,785	104	48,090
96	Shirts	9	51,679			7,575	44,104	13	16	7,400	164	87,554

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
5	$2,664	1,025	$230,671	28	$2,774	$40,440	$28,539	$1,022	$9,759	$1,120	$330,475	$327,257	$3,218	$864,130	27
10	4,400	81	17,444			8,131	1,683		6,433	15	78,300	77,918	382	130,756	28
18	14,304	1	150			4,043	1,795	742	1,506		132,592	131,323	1,269	178,420	29
126	47,806					7,393	50	720	6,623		75,234	75,014	220	161,454	30
223	96,058	342	25,994	5	1,022	77,985	22,153	2,955	52,877		589,149	580,361	8,788	1,214,816	31
1,286	318,634			3	363	39,741	3,401	7,037	28,593	710	894,701	891,955	2,746	1,563,078	32
250	91,596	105	23,121	29	1,595	35,287	1,430	1,433	32,424		268,587	265,212	3,375	478,701	33
430	126,130	591	116,081	330	38,196	105,796	2,078	9,843	83,349	10,526	972,244	951,707	20,537	1,663,712	34
25	10,306	19	4,600	3	282	10,044	7,348	508	1,708	480	8,486	6,834	1,652	54,959	35
83	39,987	25	4,138	8	1,100	9,702	360	640	8,702		84,023	77,543	6,480	179,123	36
37	21,801	18	2,461	1	134	11,526	2,325	142	8,029	1,030	66,285	65,186	1,099	117,680	37
40	18,982			3	371	3,507	2,398	187	800	122	37,712	37,427	285	78,140	38
6	2,608			1	156	404	263	26	115		2,430	1,678	752	9,650	39
23	13,047			1	78	1,828	804	97	927		2,002	1,261	741	26,798	40
89	39,738					16,508	2,400	2,938	11,170		166,215	161,835	4,380	321,245	41
1,131	483,032	2	442	1	120	295,982	8,836	38,535	246,446	2,165	12,018,998	11,874,647	144,351	14,515,161	42
7	3,416			3	338	1,301	680	46	575		23,512	22,182	1,330	40,722	43
2,779	1,180,220			11	2,722	246,088	13,465	21,330	208,478	2,815	2,010,857	1,934,822	76,035	4,434,610	44
89	19,248	105	14,094	37	3,561	10,100		254	9,846		75,346	73,781	1,565	192,787	45
6	4,600	29	9,376			2,794	2,106	50	463	175	19,611	19,550	61	52,000	46
91	38,895	4	596	2	256	8,312	6,260	478	1,274	300	54,157	52,842	1,315	158,894	47
885	324,813	1	225	32	8,200	169,665	9,494	7,743	83,428	69,000	647,943	638,072	9,871	1,504,083	48
279	121,744					194,579	60	83,945	110,574		139,194	136,221	2,973	670,804	49
19	13,480					2,407	1,420	8	979		9,511	9,375	136	34,650	50
1	200	7	1,145	1	200	1,211	674	12	525		2,787	2,740	47	7,815	51
13	5,176	13	2,166			1,396	595	61	740		18,802	18,717	85	47,295	52
18	7,522	26	4,156			7,095	2,035	40	5,020		64,960	64,645	315	112,400	53
188	84,041			4	280	64,879	555	8,961	55,363		81,564	23,484	58,080	454,497	54
7	3,148					624	396	37	91	100	1,241	955	286	10,372	55
2,387	1,141,862			15	2,920	176,846	9,047	13,246	154,553		4,381,100	3,581,913	799,187	6,977,343	56
192	62,968			1	117	22,206	3,219	2,030	16,957		126,926	123,360	3,566	249,870	57
23	13,100	4	850	2	312	1,402	996	36	330	40	17,110	16,873	237	40,478	58
810	321,658					112,659	1,950	18,455	92,254		2,881,896	2,865,092	16,804	3,757,016	59
308	105,897			5	304	30,493	260	2,627	19,606	8,000	114,815	84,856	29,959	296,949	60
1,079	554,319	29	4,628	4	492	4,182,373	10,231	67,205	4,094,989	9,948	3,605,316	3,399,930	205,386	9,786,527	61
573	323,662	3	364	15	3,216	1,500,606	1,760	30,222	1,468,624		630,969	569,782	61,187	3,186,627	62
22	10,343	2	400	1	260	3,897	2,874	224	799		13,919	13,451	468	50,715	63
22	11,076	1	150	1	150	3,496	2,572	275	589	60	36,819	36,572	247	75,357	64
7,385	2,451,590	4	887	160	25,219	379,074	18,821	50,505	309,748		7,379,148	7,378,266	882	13,774,911	65
963	376,439	2	250	16	2,584	101,882	7,459	13,115	40,057	41,251	1,089,331	1,070,790	18,541	1,891,517	66
26	15,631					14,768	3,900	1,424	9,444		160,126	155,480	4,646	203,713	67
294	109,732	1	200	1	125	14,770	5,759	1,157	7,379	475	98,016	93,880	4,136	328,908	68
780	380,351			3	730	156,563	3,712	1,588	17,057	134,206	657,955	646,258	11,697	1,410,121	69
28	12,783	3	638			2,049	1,337	67	541	104	41,391	41,076	315	80,237	70
12	3,615	743	182,369	7	782	81,208	57,538	4,674	18,976	20	762,683	758,103	4,580	1,492,960	71
79	32,474			9	2,183	12,441	3,872	1,195	7,374		62,736	61,268	1,468	185,720	72
252	122,598			1	72	26,972	4,793	2,010	9,419	10,750	369,923	368,519	1,404	678,350	73
42	21,705			1	180	2,258	120	426	912	800	70,770	68,580	2,190	112,020	74
166	56,470	8	1,664	6	936	68,632		1,735	66,897		4,225,390	4,214,197	11,193	4,683,343	75
7	2,622					3,803	1,340	113	2,175	175	12,316	12,141	175	28,100	76
643	284,081	1	100	12	3,012	25,738	12,959	1,432	9,187	2,160	244,646	244,059	587	799,322	77
46	18,826	6	1,500			7,848	1,440	838	5,570		263,952	261,261	2,691	359,085	78
236	103,103	1	132	12	1,606	29,628	11,483	1,228	12,567	4,350	144,506	143,972	534	373,102	79
142	56,505	43	7,631	4	382	365,007	14,674	2,220	342,113	6,000	327,573	322,989	4,584	1,099,774	80
1,003	366,684			5	690	38,953	4,570	1,504	24,786	8,093	398,900	386,089	12,811	1,107,515	81
5	1,338			2	112	932	352	25	555		2,715	2,615	100	7,967	82
63	30,804	12	2,347	4	364	27,730	18,288	913	6,674	1,855	70,177	68,733	1,444	238,842	83
122	22,450	140	14,400			9,892	1,020	782	8,090		205,989	203,157	2,832	319,428	84
51	12,350	10	920	12	950	1,098	360	220	518		7,897	6,297	1,600	40,640	85
118	63,570					3,718	1,661	273	1,784		74,380	73,752	628	199,399	86
599	268,443			22	2,825	75,371	26,325	3,153	23,383	22,510	822,756	818,663	4,093	1,470,739	87
801	226,569	10	1,729	30	4,955	41,157	708	2,893	36,670	886	198,659	127,120	71,539	724,255	88
518	239,243	163	32,324	28	3,871	70,835	28,074	4,143	34,768	3,850	369,095	357,692	11,403	1,000,479	89
1,015	491,715	102	26,260	37	3,764	325,093	50,601	12,273	189,450	72,769	445,000	418,835	26,165	2,240,724	90
2	986					432	222	45	165		2,884	2,881	3	11,745	91
203	88,134			3	400	24,699	6,117	1,954	6,508	10,120	316,265	313,676	2,589	546,910	92
721	333,270	41	8,234	47	6,658	85,095	32,371	7,822	44,819	83	1,194,950	1,186,110	8,840	2,119,799	93
7	2,258	2	392	1	156	1,216	929	73	149	65	5,418	5,309	109	14,503	94
104	48,090					7,804	245	564	6,199	796	20,775	20,076	699	97,492	95
20	7,864	137	29,234	7	456	10,044	3,185	30	6,829		55,345	52,919	2,426	119,821	96

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
97	Slaughtering and meat packing, wholesale.	15	$1,256,106	$85,160	$157,550	$210,133	$803,263	15	62	$51,799	469	$194,837
98	Slaughtering, wholesale, not including meat packing.	13	70,870	15,300	14,300	6,000	35,270	16	------	------	42	19,434
99	Soap and candles	4	211,201	8,930	44,676	53,311	104,284	5	15	13,224	62	21,246
100	Sporting goods	5	25,310	4,800	3,300	9,200	8,010	5	1	1,350	9	5,348
101	Stamped ware	4	67,625	------	------	19,400	48,225	7	1	900	67	24,700
102	Sugar and molasses, refining	5	126,300	18,500	24,700	22,100	61,000	10	12	8,200	31	14,979
103	Tinsmithing, coppersmithing, and sheet-iron working.	210	652,987	65,608	107,855	193,473	286,051	252	43	26,831	644	251,017
104	Tobacco, chewing, smoking, and snuff	59	3,485,793	86,938	580,984	726,253	2,091,618	58	493	524,758	3,187	850,018
105	Tobacco, cigars and cigarettes	180	1,105,303	77,650	95,395	24,126	908,132	200	81	67,677	1,349	388,064
106	Tobacco, stemming and rehandling	98	4,860,629	163,285	472,940	220,240	4,004,164	143	155	113,189	2,302	439,665
107	Trunks and valises	8	146,320	11,000	22,000	9,176	104,144	13	11	8,480	154	51,974
108	Upholstering materials	12	263,666	16,504	29,150	31,516	186,496	18	5	2,800	199	42,510
109	Varnish	3	187,749	8,500	25,775	13,807	139,667	------	32	26,554	41	19,940
110	Vinegar and cider	9	368,900	30,000	47,500	59,093	232,307	22	99	62,906	66	30,620
111	Watch, clock, and jewelry repairing	190	189,345	10,505	20,920	49,095	108,825	212	5	2,228	106	49,737
112	Wirework, including wire rope and cable.	9	12,720	------	------	5,500	7,220	12	5	2,880	39	13,294
113	Wood, turned and carved	18	99,670	11,705	16,285	39,360	32,320	17	15	12,728	284	103,062
114	Woolen goods	36	1,588,816	32,955	157,195	340,422	1,058,244	18	20	28,972	618	144,874
115	All other industries[1]	102	3,548,369	260,175	493,207	923,008	1,871,979	88	189	203,558	2,508	970,222

[1] Embraces ammunition, 2; artificial limbs, 1; axle grease, 1; bags, other than paper, 1; belting and hose, leather, 1; bicycles and tricycles, 1; bluing, 1; boot and shoe cut stock, 1; boxes, cigar, 2; boxes, fancy and paper, 2; bridges, 2; buttons, 1; cars and general shop construction and repairs by street railroad companies, 1; cars, steam railroad, not including operations of railroad companies, 1; charcoal, 1; chemicals, 1; china decorating, 1; coffins, burial cases, and undertakers' goods, 1; cordials and sirups, 1; cutlery and edge tools, 2; dentists' materials, 1; druggists' preparations, not including prescriptions, 2; dye stuffs and extracts, 1; engraving and diesinking, 2; fancy articles, not elsewhere specified, 1; flavoring extracts, 2; foundry supplies, 1; furnishing goods, men's, 1; gas machines and meters, 2; grease and tallow, 2; hammocks, 1; hand stamps, 2; hardware, 2; hones and whetstones, 1; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel, forgings, 1; jute and jute goods, 1; kaolin and other earth grinding, 1; lamps and reflectors, 1; leather goods, 1; linen goods, 1;

TABLE 8.—MANUFACTURES IN CITIES

COVINGTON.

1	All industries	404	$4,754,786	$452,285	$719,298	$1,665,406	$1,917,797	435	218	$215,860	3,972	$1,555,089
2	Bicycle and tricycle repairing	3	2,025	------	------	450	1,575	5	------	------	3	750
3	Blacksmithing and wheelwrighting	19	8,965	1,300	1,850	2,740	3,075	22	------	------	21	7,620
4	Boots and shoes, custom work and repairing.	27	11,020	3,050	4,200	2,115	1,655	28	------	------	7	2,490
5	Bread and other bakery products	20	15,990	2,700	3,400	5,015	4,875	26	------	------	31	12,425
6	Brick and tile	3	20,725	6,000	3,375	4,350	7,000	4	1	1,200	25	6,860
7	Carpentering	28	40,135	5,850	4,300	4,960	25,025	36	------	------	83	47,496
8	Carriages and wagons	4	22,650	6,000	4,500	3,000	9,150	5	------	------	22	9,420
9	Clothing, men's, custom work and repairing.	15	35,435	4,350	5,700	4,810	20,575	15	------	------	24	10,082
10	Clothing, men's, factory product	82	31,582	4,117	6,850	18,690	6,925	88	------	------	572	127,396
11	Clothing, women's, dressmaking	6	2,640	------	------	540	2,100	6	------	------	15	3,100
12	Confectionery	3	3,200	------	------	1,550	1,650	4	2	3,750	5	1,255
13	Dyeing and cleaning	3	4,850	1,500	2,250	900	200	3	------	------	5	1,040
14	Foundry and machine shop products	9	295,608	21,600	23,803	114,921	135,284	6	30	23,026	297	146,512
15	Furniture, cabinetmaking, repairing, and upholstering.	4	4,775	2,500	1,500	140	635	4	------	------	2	770
16	Liquors, malt	3	765,180	113,272	217,218	168,159	266,531	------	18	28,890	84	51,970
17	Lumber, planing mill products, including sash, doors, and blinds.	3	123,512	24,944	23,950	25,700	48,918	2	3	2,000	55	23,898
18	Marble and stone work	3	11,900	3,000	800	6,100	2,000	4	------	------	22	11,120
19	Masonry, brick and stone	6	37,300	3,000	1,000	4,900	28,400	9	------	------	49	26,500
20	Millinery, custom work	12	49,585	7,000	5,000	1,285	36,300	13	------	------	40	11,714
21	Painting, house, sign, etc	17	15,620	2,075	2,125	1,720	9,700	17	2	1,168	52	20,832
22	Plumbing, and gas and steam fitting	13	19,725	2,500	1,500	2,925	12,800	13	1	300	45	24,523
23	Printing and publishing, book and job	6	16,325	------	------	11,600	4,725	7	------	------	13	5,527
24	Printing and publishing, newspapers and periodicals.	3	10,025	------	------	6,800	3,225	3	5	8,075	23	7,644
25	Roofing and roofing materials	7	13,929	3,210	3,190	2,520	5,009	7	2	516	17	8,260
26	Saddlery and harness	6	14,025	2,000	3,000	1,950	7,075	7	------	------	7	2,863
27	Slaughtering, wholesale, not including meat packing.	3	16,300	1,000	1,000	800	13,500	5	------	------	12	5,844
28	Tinsmithing, coppersmithing, and sheet-iron working.	14	95,533	1,650	2,400	63,848	27,635	17	2	780	117	36,085
29	Tobacco, chewing, smoking, and snuff	4	172,340	3,100	13,000	21,800	134,440	1	42	39,573	128	36,155
30	Tobacco, cigars and cigarettes	15	44,697	9,400	8,850	847	25,600	17	4	2,725	37	14,629
31	Watch, clock, and jewelry repairing	7	2,600	500	1,000	550	550	7	------	------	7	2,500
32	All other industries[1]	56	2,846,590	216,667	373,537	1,184,721	1,071,665	58	106	103,857	2,152	887,809

[1] Embraces awnings, tents, and sails, 1; boot and shoe uppers, 1; boxes, wooden packing, 2; carpets, rag, 1; cars and general shop construction and repairs by steam railroad companies, 2; clothing, women's, factory product, 1; cooperage, 1; cordage and twine, 1; cotton goods, 1; dyeing and finishing textiles, 1; flouring and grist mill products, 1; foundry supplies, 1; furniture, factory product, 2; gas, illuminating and heating, 1; hairwork, 1; hats and caps, not including fur hats and wool hats, 1; ice, manufactured, 1; iron and steel, 2; ironwork, architectural and ornamental, 2; jewelry, 1; leather, tanned, curried, and finished, 1; liquors, distilled, 1; looking-glass and picture frames, 2; lumber and timber products, 1; mineral and soda waters, 1; monuments and tombstones, 2; paints, 2; paper

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
465	$194,277	4	$560			$99,425	$2,240	$6,398	$90,787		$3,899,248	$3,872,513	$26,735	$4,541,482	97
42	19,434					6,269	420	874	4,947	$28	545,373	543,778	1,595	635,685	98
49	17,547	13	3,699			13,583		296	13,287		188,207	184,888	3,319	286,588	99
9	5,348					1,363	408	81	874		2,419	2,279	140	19,566	100
63	23,790	2	520	2	$390	16,130	1,180	50	14,900		86,198	85,445	753	162,500	101
29	14,439	1	360	1	180	3,432	350	267	2,815		287,174	285,905	1,269	361,900	102
582	239,523	5	786	57	10,708	52,503	24,746	5,475	22,107	175	583,864	575,150	8,714	1,219,360	103
2,202	670,054	567	137,549	418	42,415	7,182,022	15,956	22,556	7,143,510		5,221,257	5,180,005	41,252	14,948,192	104
671	274,254	452	91,200	226	22,610	296,081	20,004	4,951	271,126		514,943	512,362	2,581	1,506,559	105
1,656	346,769	382	63,979	264	28,917	147,782	16,934	19,643	109,105	2,100	4,025,464	4,008,517	16,947	5,467,360	106
139	49,405	15	2,569			25,659	3,738	1,036	20,885		99,144	98,236	908	236,958	107
197	42,210			2	300	15,390	1,990	1,258	12,142		291,804	289,259	2,545	401,289	108
41	19,940					3,841	240	1,061	2,540		205,668	204,674	994	334,978	109
53	28,346	11	1,993	2	281	25,536	2,748	1,753	21,035		214,572	210,932	3,640	462,078	110
101	49,021	1	300	4	416	37,035	19,289	1,528	4,408	11,810	55,950	54,164	1,786	282,195	111
39	13,294					3,222	2,048	40	1,134		16,652	16,487	165	53,662	112
283	102,737			1	325	5,207	1,766	615	2,826		144,006	141,230	2,776	342,525	113
149	50,350	364	79,966	105	14,558	48,644	556	6,365	41,723		405,775	397,162	8,613	746,684	114
1,947	869,484	400	82,550	161	18,188	224,378	24,407	11,208	168,804	19,959	2,703,012	2,631,702	71,310	4,891,807	115

lithographing and engraving, 1; millinery and lace goods, 2; mirrors, 2; models and patterns, 2; mucilage and paste, 2; musical instruments and materials, not specified, 2; musical instruments, organs and materials, 2; oil, not elsewhere specified, 2; oleomargarine, 1; photographic materials, 2; photolithographing and photoengraving, 2; plumbers' supplies, 1; pulp, from fiber other than wood, 1; refrigerators, 2; safes and vaults, 1; saws, 2; scales and balances, 1; sewing machines and attachments, 1; show cases, 1; silversmithing, 2; smelting and refining, not from the ore, 1; soda water apparatus, 1; steam fittings and heating apparatus, 1; steam packing, 1; stencils and brands, 2; stereotyping and electrotyping, 1; surgical appliances, 1; tin and terne plate, 1; umbrellas and canes, 2; watch cases, 1; windmills, 1; window shades, 1; woodenware, not elsewhere specified, 1; wool pulling, 1; worsted goods, 1.

BY SPECIFIED INDUSTRIES: 1900.

COVINGTON.

3,066	$1,381,411	760	$151,834	146	$21,844	$835,445	$53,504	$39,300	$642,156	$100,485	$3,107,926	$2,989,782	$118,144	$6,803,032	1
5	750					550	425		125		3,200	3,175	25	7,600	2
19	7,345			2	275	1,996	1,843	83	70		8,425	7,830	595	30,798	3
6	2,390	1	100			1,574	1,203	178	193		6,947	6,833	114	24,195	4
24	11,159	6	1,110	1	156	3,846	3,090	138	618		44,642	43,315	1,327	86,200	5
21	6,440			4	420	1,463	325	250	888		3,162	242	2,920	19,850	6
83	47,496					73,052	1,065	337	381	71,269	100,934	100,868	66	276,748	7
21	9,300			1	120	1,960	700	300	960		7,303	7,055	248	25,823	8
16	8,720	4	912	4	450	20,766	2,156	405	1,580	16,625	45,390	45,190	200	96,955	9
79	33,919	471	91,411	22	2,066	7,565	4,647	236	1,577	1,105	1,420	12	1,408	188,517	10
		13	2,885	2	215	613	438	30	95	50	2,470	2,425	45	9,074	11
2	600	1	155	2	500	1,604	720	39	845		12,296	12,191	105	26,520	12
3	550	2	490			380	175	50	155		470	370	100	3,700	13
297	146,512					20,209	2,002	1,527	16,680		171,380	164,018	7,362	410,470	14
2	770					286	228	48	10		1,891	1,871	20	5,370	15
84	51,970					150,859		6,581	144,278		65,578	55,346	10,232	397,458	16
55	23,898					4,333		968	3,365		60,540	58,978	1,562	99,861	17
22	11,120					1,162	750	72	190	150	10,100	9,550	550	29,500	18
49	26,500					1,196	457	85	654		33,100	33,010	90	75,065	19
		40	11,714			3,299	1,355	145	1,799		47,850	47,800	50	81,700	20
51	20,582			1	250	1,595	1,118	147	330		14,170	14,140	30	55,237	21
45	24,523					2,979	1,861	147	971		30,895	30,670	225	75,350	22
12	5,215	1	312			1,682	1,218	89	375		7,178	6,742	436	19,145	23
22	7,519	1	125			2,530	720	10	1,540	260	6,091	5,676	415	37,830	24
17	8,260					923	433	100	390		18,966	18,806	160	37,105	25
6	2,713			1	150	1,992	682	217	1,093		6,794	6,634	160	16,600	26
12	5,844					570	300	70	200		229,431	229,031	400	257,080	27
72	26,885			45	9,200	5,295	3,859	834	602		112,395	111,605	790	180,745	28
79	25,955	49	10,200			261,984	8,569	973	252,442		151,162	149,897	1,265	541,158	29
32	14,039			5	590	10,151	957	273	8,921		23,520	23,462	58	66,283	30
7	2,500					580	505		75		1,315	1,300	15	9,450	31
1,925	847,937	171	32,420	56	7,452	248,451	11,703	24,968	200,754	11,026	1,878,911	1,791,740	87,171	3,611,645	32

hanging, 1; perfumery and cosmetics, 2; photography, 1; plastering and stuccowork, 1; pottery, terra cotta, and fire-clay products, 1; safes and vaults, 1; sewing machine repairing, 1; ship and boat building, wooden, 1; slaughtering and meat packing, wholesale, 1; stamped ware, 1; tin and terne plate, 1; tobacco, stemming and rehandling, 1; trunks and valises, 1; upholstering materials, 1; vinegar and cider, 1; wirework, including wire rope and cable, 2; wood, turned and carved, 1; woolen goods, 1; wool pulling, 1.

TABLE 8.—MANUFACTURES IN CITIES

LEXINGTON.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	272	$1,707,118	$132,335	$276,830	$589,247	$708,706	290	167	$117,933	1,464	$556,613
2	Bicycle and tricycle repairing	4	8,000			2,350	5,650	4			7	2,540
3	Blacksmithing and wheelwrighting	22	25,011	5,500	2,925	3,455	13,131	24	1	150	28	10,514
4	Boots and shoes, custom work and repairing.	10	3,773	772	125	1,204	1,672	10			12	3,838
5	Bread and other bakery products	7	19,375	5,600	5,900	3,195	4,680	8	4	1,962	21	6,522
6	Carpentering	12	37,712		400	1,490	35,822	15	1	416	73	32,740
7	Carriages and wagons	7	56,311	10,000	17,700	4,450	24,161	9	2	530	44	19,635
8	Clothing, men's, custom work and repairing.	12	30,362	300	600	2,075	27,387	13	3	2,786	57	27,697
9	Clothing, women's, dressmaking	26	42,082	4,350	7,350	2,692	27,690	22	8	11,200	135	27,414
10	Cooperage	4	23,345	2,500	2,500	2,200	16,145	5	2	1,080	31	10,821
11	Flouring and grist mill products	4	118,767	8,000	21,000	26,100	63,667	2	9	8,000	21	12,341
12	Foundry and machine shop products	4	24,263	1,000	800	13,100	9,363	4	4	3,630	20	6,532
13	Furniture, cabinetmaking, repairing, and upholstering.	7	6,580		260	906	5,414	10			6	1,263
14	Lock and gun smithing	3	3,700			1,650	2,050	4			3	1,874
15	Lumber, planing mill products, including sash, doors, and blinds.	4	109,680	9,500	13,500	19,286	67,394	4	12	10,040	125	64,046
16	Marble and stone work	3	3,810	585	325	600	2,300	4			9	9,124
17	Masonry, brick and stone	6	5,350	300	500	1,380	3,170	7			42	15,190
18	Millinery, custom work	15	31,872	3,750	2,200	1,212	24,710	18	5	2,151	38	6,441
19	Painting, house, sign, etc	9	18,145			1,345	16,800	11	3	1,560	66	25,836
20	Photography	6	7,487			4,800	2,687	7	2	840	5	1,696
21	Plumbing, and gas and steam fitting	7	29,876			3,333	26,543	9	9	4,815	41	17,858
22	Printing and publishing, book and job	10	41,550			24,350	17,200	8	7	2,168	54	18,531
23	Printing and publishing, newspapers and periodicals.	16	82,561			27,750	54,811	6	40	29,062	67	28,891
24	Roofing and roofing materials	3	2,644			575	2,069	4			8	3,100
25	Saddlery and harness	9	20,164	250	350	2,150	17,414	10			23	10,953
26	Tinsmithing, coppersmithing, and sheet-iron working	11	27,298	1,300	3,600	4,983	17,415	13	5	1,820	35	12,669
27	Upholstering materials	6	126,478	10,204	18,700	13,386	84,188	9	4	1,700	119	19,471
28	Watch, clock, and jewelry repairing	11	12,780			3,850	8,930	12	1	200	14	8,024
29	All other industries[1]	34	788,142	68,424	178,095	415,380	126,243	31	45	33,823	360	151,052

[1] Embraces awnings, tents, and sails, 1; brick and tile, 1; cars and general shop construction and repairs by steam railroad companies, 2; cheese, butter, and condensed milk, factory product, 1; confectionery, 2; dyeing and cleaning, 2; electrical construction and repairs, 1; gas, illuminating and heating, 1; ice, manufactured, 2; liquors, distilled, 1; liquors, malt, 1; lumber and timber products, 2; mattresses and spring beds, 2; mineral and soda waters, 2; paper hanging, 1;

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1	All industries	2,307	$49,334,701	$4,368,981	$6,929,847	$11,196,678	$26,839,195	2,568	2,893	$2,929,141	29,926	$10,945,720
2	Agricultural implements	4	1,583,066	162,000	176,687	232,000	1,012,379	1	90	113,420	634	282,499
3	Baking and yeast powders	4	9,325	100	150	1,275	7,800	8	12	2,020	13	3,049
4	Bicycle and tricycle repairing	25	19,207	2,050	2,650	5,952	8,555	30	2	110	27	9,695
5	Blacksmithing and wheelwrighting	90	82,202	23,145	15,220	14,892	28,945	99			159	78,929
6	Boot and shoe uppers	3	6,388			1,440	4,948	5			13	5,629
7	Boots and shoes, custom work and repairing.	121	47,736	7,135	10,670	12,714	17,217	125	1	468	73	28,808
8	Boots and shoes, factory product	3	89,268			18,058	71,210	6	30	14,075	168	39,919
9	Bottling	3	53,342	7,000	5,000	1,842	39,500	5	16	18,722	30	11,500
10	Boxes, wooden packing	5	450,557	95,675	37,000	86,783	231,099	5	18	15,840	599	179,789
11	Brass castings and brass finishing	3	20,672			5,693	14,979	5			28	9,784
12	Bread and other bakery products	130	684,225	125,925	236,600	198,979	122,721	135	69	36,209	437	150,620
13	Brick and tile	9	256,090	49,700	112,078	34,201	60,111	7	11	9,828	298	92,549
14	Brooms and brushes	9	42,414	900	3,600	2,480	35,434	12	10	7,794	32	11,402
15	Carpentering	139	273,088	30,382	36,575	33,476	172,655	176	19	9,292	760	328,656
16	Carriage and wagon materials	6	300,657	59,850	34,789	91,094	114,924	1	12	14,460	192	63,559
17	Carriages and wagons	26	1,887,148	140,050	307,109	117,273	1,322,716	35	56	76,507	766	304,253
18	Cars and general shop construction and repairs by steam railroad companies.	5	654,533	77,500	149,310	96,652	331,071		20	16,210	1,563	816,825
19	Cheese and butter, urban dairy products.	18	4,022	175	250	565	3,032	20	1	75	9	2,726
20	Cheese, butter, and condensed milk, factory product.	4	14,925	50	800	4,165	10,410	9			11	4,310
21	Clothing, men's, custom work and repairing.	117	1,142,782	27,951	37,200	48,988	1,028,643	136	105	99,587	1,233	356,084
22	Clothing, men's, factory product	11	1,122,833	1,800	3,700	36,533	1,080,800	20	125	121,226	1,115	353,456
23	Clothing, women's, dressmaking	170	110,069	12,800	19,055	19,274	58,940	185	12	6,784	672	161,518
24	Clothing, women's, factory product	6	16,875			2,675	14,200	12	3	2,190	64	16,474
25	Coffee and spice, roasting and grinding	5	75,000	3,000	10,000	11,600	50,400	6	4	3,600	19	14,454
26	Confectionery	29	391,632	16,575	28,535	66,777	279,745	31	84	63,732	527	112,303
27	Cooperage	18	341,397	33,680	70,514	133,010	554,193	17	38	61,712	1,104	252,855
28	Dyeing and cleaning	13	15,090	1,000	3,250	8,425	2,415	12	4	2,160	34	11,704
29	Electrical apparatus and supplies	3	45,077			14,811	30,266	8	4	4,020	86	20,231
30	Electrical construction and repairs	11	11,475	400	600	2,650	7,825	15	1	858	81	14,467
31	Electroplating	3	2,620			2,350	270	4			5	2,064

BY SPECIFIED INDUSTRIES: 1900—Continued.

LEXINGTON.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
1,236	$516,123	200	$38,023	28	$2,467	$263,536	$46,349	$13,017	$144,884	$59,286	$1,492,152	$1,456,473	$35,679	$3,033,007	1
7	2,540					1,744	1,080	25	639		2,030	1,927	103	14,898	2
27	10,466			1	48	3,199	2,473	160	566		10,647	10,087	560	45,249	3
12	3,838					1,219	928	32	259		3,789	3,762	27	16,931	4
21	6,522					1,451	900	147	404		28,195	26,984	1,211	60,619	5
73	32,740					50,156	1,452	40	1,113	47,551	134,440	134,440		256,550	6
44	19,635					3,757	934	900	1,923		18,178	17,570	608	58,184	7
52	26,156	4	1,456	1	85	10,161	5,941	269	3,119	832	46,448	46,136	312	111,085	8
1	1,200	134	26,214			5,377	2,835	246	2,296		53,654	53,554	100	127,637	9
31	10,821					1,133	400	255	478		28,010	27,935	75	53,410	10
21	12,341					21,760		1,176	20,584		325,901	322,116	3,785	419,636	11
19	6,480			1	52	1,739	960	130	649		5,978	5,448	530	22,384	12
6	1,263					739	594	27	118		4,596	4,576	20	14,491	13
3	1,874					652	432	37	183		1,347	1,332	15	6,850	14
122	63,742			3	304	9,493	2,700	1,003	5,790		125,068	123,608	1,460	258,024	15
9	9,124					425	240	30	155		4,860	4,860		19,500	16
42	15,190					4,404	264	20	120	4,000	57,595	57,395	200	84,865	17
		38	6,441			5,424	3,449	318	1,657		38,935	38,896	39	83,404	18
66	25,836					2,125	1,043	272	810		23,126	23,101	25	68,700	19
2	1,426	3	270			1,912	1,094	78	740		3,548	3,423	125	14,035	20
41	17,858					5,153	1,944	268	2,456	485	44,738	44,615	123	88,266	21
42	16,423	12	2,108			4,523	2,798	387	1,138	200	23,469	22,354	1,115	63,300	22
59	27,754	6	895	2	242	15,443	2,819	260	7,421	4,943	15,441	12,940	2,501	110,950	23
8	3,100					1,318	465	80	773		4,622	4,590	32	11,073	24
23	10,953					2,555	1,760	198	597		12,655	12,511	144	34,535	25
33	12,573			2	96	3,109	2,105	140	839	25	21,146	20,746	400	49,416	26
119	19,471					6,280	1,160	589	4,531		140,604	140,056	548	191,751	27
14	8,024					2,015	1,545		270	200	4,508	4,477	31	24,596	28
339	148,773	3	639	18	1,640	96,270	4,034	5,930	85,256	1,050	308,624	287,034	21,590	722,668	29

patent medicines and compounds, 1; paving and paving materials, 2; photolithographing and photoengraving, 1; plastering and stuccowork, 2; slaughtering and meat packing, wholesale, 1; soap and candles, 1; tobacco, chewing, smoking, and snuff, 2; tobacco, cigars and cigarettes, 1; wirework, including wire rope and cable, 1.

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23,348	$9,638,562	5,175	$1,136,945	1,403	$170,213	$13,145,595	$462,452	$286,338	$11,618,542	$778,263	$41,016,391	$40,369,370	$647,021	$78,746,390	1
633	282,239			1	260	144,785	875	11,277	132,633		430,431	423,204	7,227	1,227,288	2
6	1,986	5	775	2	288	2,189	372	35	1,782		13,231	13,213	18	23,791	3
21	9,041			6	654	4,549	3,373	73	778	325	16,551	16,072	479	49,757	4
156	78,441			3	488	11,149	8,145	660	1,676	668	69,897	67,009	2,888	238,419	5
13	5,629					1,422	510	37	875		13,334	13,280	54	24,678	6
72	28,548	1	260			14,279	11,689	586	1,280	724	54,212	53,225	987	177,714	7
75	23,729	49	10,664	44	5,526	6,586	1,980	199	4,407		124,845	123,410	1,435	206,624	8
20	9,000	10	2,500			7,043	1,700	693	4,650		69,660	69,566	94	127,133	9
528	166,441	14	3,032	57	10,316	7,555	320	224	7,011		359,512	347,884	11,628	654,884	10
20	7,984	8	1,800			2,739	1,120	11	1,608		17,147	16,385	762	37,250	11
336	135,393	95	13,981	6	1,246	52,502	18,232	4,986	29,284		610,757	592,683	18,074	1,163,915	12
295	92,249			3	300	7,404	2,100	1,039	4,265		62,987	19,939	43,048	255,573	13
17	7,666	13	3,324	2	412	12,758	1,176	80	4,502	7,000	75,892	75,607	285	162,402	14
759	328,380			1	276	229,079	8,949	1,619	7,830	210,681	744,672	743,415	1,257	1,639,023	15
187	62,859			5	700	12,020	106	1,706	10,208		175,306	170,245	5,061	316,578	16
745	300,486	1	300	20	3,467	77,738	5,376	4,937	67,175	250	805,897	798,927	6,970	1,442,104	17
1,558	814,996	5	1,829			30,042	35	5,654	24,353		1,389,127	1,365,586	23,541	2,252,204	18
9	2,726					1,992	1,849	10	133		27,440	27,300	140	40,877	19
10	4,180			1	130	948	744	36	168		48,611	48,416	195	67,352	20
461	218,259	668	128,347	104	9,478	246,616	38,521	4,561	74,593	128,941	1,157,129	1,153,008	4,121	2,179,537	21
206	122,582	853	224,026	56	6,848	229,716	18,698	5,036	89,482	116,500	1,516,322	1,510,178	6,144	2,530,910	22
4	1,464	644	157,689	24	2,365	28,050	20,604	591	6,045	810	213,538	211,681	1,857	564,859	23
8	3,320	56	13,154			7,803	1,425		6,363	15	75,668	75,305	363	119,577	24
18	14,304	1	150			4,043	1,795	742	1,506		132,592	131,323	1,269	178,420	25
201	88,860	324	23,129	2	314	69,618	18,293	2,656	48,669		546,788	538,810	7,978	1,116,808	26
1,102	252,555			2	300	32,960	980	5,921	26,059		543,307	542,685	622	1,046,475	27
18	7,960	14	3,562	2	182	8,068	5,911	403	1,274	480	5,982	4,879	1,103	40,260	28
36	20,231					9,896	1,965	142	6,759	1,030	60,085	59,586	499	97,280	29
28	14,096			3	371	2,268	1,594	34	518	122	24,279	24,142	137	53,990	30
4	1,908			1	156	327	263	9	55		1,566	854	712	7,250	31

TABLE 8.—MANUFACTURES IN CITIES

LOUISVILLE—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
32	Engraving, steel, including plate printing.	3	$16,764			$12,170	$4,594	3	3	$400	24	$13,125
33	Fertilizers	3	274,974	$5,000	$21,500	30,788	217,686		16	17,650	63	29,738
34	Flouring and grist mill products	6	507,260	106,470	60,130	127,275	213,385	4	27	31,980	116	57,882
35	Food preparations	5	3,425	850	500	785	1,290	7	1	500	4	758
36	Foundry and machine shop products	38	2,552,335	351,907	402,232	596,332	1,201,864	28	158	181,411	2,016	812,469
37	Fur goods	4	18,465	700	300	1,065	16,400	6	4	2,288	35	13,976
38	Furniture, cabinetmaking, repairing, and upholstering.	29	36,161	8,250	4,950	4,959	18,002	34	3	316	71	31,462
39	Furniture, factory product	16	480,783	60,202	68,040	86,131	266,410	24	30	19,737	603	217,210
40	Glass, cutting, staining, and ornamenting.	3	14,285			660	13,625	4	1	200	19	13,480
41	Hairwork	3	2,835			185	2,650	4			5	1,470
42	Hats and caps, not including fur hats and wool hats.	3	12,050	800	1,500	1,800	7,950	4	2	1,950	24	6,852
43	House furnishing goods, not elsewhere specified.	3	34,785			5,500	29,285	6			44	11,678
44	Ice, manufactured	7	371,821	34,500	104,000	203,221	30,100	4	12	10,140	50	27,372
45	Instruments, professional and scientific	3	11,030			1,715	9,315	3	1	780	7	8,148
46	Ironwork, architectural and ornamental.	6	240,951	30,600	51,768	80,871	77,712	4	28	23,906	165	52,257
47	Jewelry	3	13,200			3,700	9,500	4	1	936	25	13,412
48	Leather, tanned, curried, and finished	15	3,597,579	210,332	443,967	260,515	2,682,765	8	40	49,369	575	250,103
49	Lime and cement	3	575,294	129,521	216,966	103,200	125,607	1	3	5,000	250	94,788
50	Liquors, distilled	9	3,432,539	639,600	585,000	831,098	1,326,841	8	60	76,257	186	98,498
51	Liquors, malt	19	2,734,994	262,624	973,599	832,946	665,825	14	62	97,671	317	179,834
52	Lock and gun smithing	14	17,475	2,750	3,050	6,970	4,705	17	1	600	19	8,049
53	Looking-glass and picture frames	7	10,515			1,960	8,555	12	3	800	9	5,600
54	Lumber and timber products	9	645,154	56,507	55,700	117,230	415,717	8	37	42,773	873	278,822
55	Lumber, planing mill products, including sash, doors, and blinds.	13	496,411	62,307	76,407	57,869	299,828	18	33	28,719	254	107,913
56	Malt	3	24,500			3,000	21,500	3	3	4,200	26	15,631
57	Marble and stone work	9	131,100	29,677	11,874	39,584	49,965	25	5	4,585	150	54,034
58	Masonry, brick and stone	49	244,442	30,600	17,600	16,173	180,069	59	10	10,620	399	215,085
59	Mattresses and spring beds	7	12,965	950	1,050	1,815	9,150	8	6	4,646	27	11,557
60	Millinery, custom work	56	168,810	10,200	24,950	4,123	129,537	64	40	20,124	316	86,165
61	Mineral and soda waters	10	63,245	21,900	11,300	19,020	11,025	11	7	5,444	37	14,127
62	Monuments and tombstones	10	233,078	43,152	49,100	14,937	125,889	9	21	47,460	144	73,509
63	Oil, cottonseed and cake	3	2,029,296	40,680	165,546	309,656	1,513,414		30	52,877	180	59,070
64	Optical goods	3	9,400			1,100	8,300	2	2	1,250	7	2,622
65	Painting, house, sign, etc	121	88,649	16,700	20,375	18,174	33,400	144	3	1,600	369	172,339
66	Paints	7	158,081	16,422	21,500	25,337	94,822	4	11	12,000	45	17,426
67	Paper hanging	40	139,310	12,560	15,625	4,567	106,558	57	17	10,574	186	78,845
68	Patent medicines and compounds	29	247,466	16,540	39,100	13,269	178,557	31	56	56,504	108	43,978
69	Paving and paving materials	22	235,262	13,500	18,550	86,467	116,745	24	21	19,226	611	268,487
70	Perfumery and cosmetics	3	2,704			620	2,084	3			4	1,163
71	Photography	26	32,698	500	2,000	15,778	14,420	28	6	1,072	43	20,932
72	Pickles, preserves, and sauces	3	90,115	4,500	14,000	15,101	56,514	5	19	17,360	88	14,050
73	Plastering and stuccowork	31	20,727	3,510	7,640	3,190	6,387	36	3	2,080	60	36,313
74	Plumbing, and gas and steam fitting	78	336,007	15,486	25,675	32,035	262,811	96	33	19,804	349	154,071
75	Printing and publishing, book and job	45	631,577	32,750	17,825	330,777	250,225	49	60	60,257	601	235,535
76	Printing and publishing, newspapers and periodicals.	52	1,911,287	265,550	249,300	491,280	905,157	32	255	250,956	464	283,349
77	Pumps, not including steam pumps	3	5,800	1,500	500	2,450	1,350	4			2	986
78	Roofing and roofing materials	29	126,047	8,875	18,650	22,535	75,987	29	15	10,524	144	62,352
79	Saddlery and harness	43	658,600	20,695	25,555	41,630	570,720	51	62	51,064	414	176,074
80	Sewing machine repairing	6	4,086	900	1,500	724	962	3	1	1,040	8	2,414
81	Shirts	9	51,679			7,575	44,104	13	16	7,400	164	37,554
82	Slaughtering and meat packing, wholesale.	8	1,177,476	65,160	139,300	194,253	778,763	9	52	45,739	434	182,197
83	Slaughtering, wholesale, not including meat packing.	4	40,950	10,900	9,150	3,050	17,850	5			15	7,220
84	Sporting goods	3	13,710	3,000	1,000	6,200	3,510	2	1	1,350	7	4,148
85	Tinsmithing, coppersmithing, and sheet-iron working.	77	245,074	24,368	47,045	73,229	100,432	89	28	20,591	299	119,810
86	Tobacco, chewing, smoking, and snuff	24	2,894,999	65,240	511,074	633,813	1,684,872	24	388	443,878	2,710	748,121
87	Tobacco, cigars and cigarettes	92	902,227	50,425	58,820	13,800	779,182	99	55	53,794	1,045	290,159
88	Tobacco, stemming and rehandling	14	1,475,051	43,910	96,040	141,000	1,194,101	18	25	37,406	727	155,365
89	Trunks and valises	6	143,795	11,000	22,000	9,051	101,744	11	11	8,480	152	50,529
90	Varnish	3	187,749	8,500	25,775	13,807	139,667		32	26,554	41	19,940
91	Vinegar and cider	7	313,400	24,000	29,500	39,093	220,807	21	93	59,666	54	22,520
92	Watch, clock, and jewelry repairing	45	46,828	2,600	2,550	9,793	31,885	52	1	468	43	19,428
93	Wirework, including wire rope and cable.	5	10,010			4,650	5,360	4	5	2,880	33	11,970
94	Wood, turned and carved	7	13,920	4,815	3,725	3,010	2,370	9			17	7,512
95	All other industries[1]	98	7,857,781	506,153	854,202	3,855,440	2,641,986	85	227	261,386	2,994	1,099,126

[1] Embraces ammunition, 2; artificial limbs, 1; awnings, tents, and sails, 2; axle grease, 1; bags, other than paper, 1, baskets, and rattan and willow ware, 2; belting and hose, leather, 1; bluing, 1; bookbinding and blank book making, 1; boot and shoe cut stock, 1; boxes, cigar, 1; boxes, fancy and paper, 1; bridges, 2; buttons, 1; carpets, rag, 2; cars and general shop construction and repairs by street railroad companies, 1; chemicals, 1; coffins, burial cases, and undertakers' goods, 1; coke, 1; cordage and twine, 1; cordials and sirups, 1; cotton goods, 1; cutlery and edge tools, 2; dentists' materials, 1; druggists' preparations, not including prescriptions, 2; dyeing and finishing textiles, 1; engraving and diesinking, 2; flavoring extracts, 2; furnishing goods, men's, 1; gas, illuminating and heating, 2; gas machines and meters, 1; grease and tallow, 2; hammocks, 1; hand stamps, 2; hones and whetstones, 1; iron and steel, 1; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel, forgings, 1; jute and jute goods, 1; linen goods, 1; millinery and lace goods, 2; mirrors, 2; models and patterns, 1; mucilage

BY SPECIFIED INDUSTRIES: 1900—Continued.

LOUISVILLE—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
23	$13,047			1	$78	$1,828	$804	$97	$927		$2,002	$1,261	$741	$26,798	31
63	29,738					16,208	2,400	2,838	10,970		144,965	142,085	2,880	272,045	33
114	57,440	2	$442			107,041	160	4,084	102,797		1,586,737	1,574,280	12,457	1,824,575	34
1	420			3	338	768	560	33	175		15,290	14,560	730	22,297	35
2,008	810,181			8	2,288	194,882	8,633	15,160	169,749	$1,340	1,484,371	1,442,590	41,781	3,233,222	36
6	4,600	29	9,376			2,794	2,106	50	463	175	19,611	19,550	61	52,000	37
67	30,906	2	300	2	256	5,702	4,245	299	858	300	35,849	34,779	1,070	103,488	38
586	212,610			17	4,600	45,552	7,044	5,067	33,441		296,997	290,846	6,151	705,517	39
19	13,480					2,307	1,320	8	979		9,511	9,375	136	33,850	40
1	200	6	1,070	1	200	1,031	524	12	495		2,512	2,465	47	6,815	41
12	4,936	12	1,916			1,066	420	46	600		16,925	16,860	65	40,750	42
18	7,522	26	4,156			7,095	2,035	40	5,020		64,960	64,645	315	112,400	43
50	27,372					21,590	125	2,733	18,732		35,096	7,370	27,726	132,395	44
7	3,148					624	396	37	91	100	1,241	955	286	10,372	45
165	52,257					20,922	2,923	1,580	16,419		98,354	95,690	2,664	197,852	46
23	13,100			2	312	1,166	960	36	130	40	16,850	16,613	237	38,478	47
575	250,103					92,338	975	14,682	76,681		2,373,135	2,358,708	14,427	3,114,731	48
250	94,788					21,718		2,542	19,206		103,486	79,479	24,007	249,763	49
186	98,498					1,762,614		18,809	1,743,805		802,087	753,513	48,574	2,908,947	50
313	179,190	3	364	1	280	829,313	1,760	14,564	812,989		381,064	342,547	38,517	1,782,220	51
16	7,389	2	400	1	260	2,393	1,957	101	335		9,161	8,802	359	29,080	52
9	5,600					1,556	1,280	72	204		20,426	20,409	17	36,567	53
867	277,466			5	1,356	42,541	2,856	2,460	37,225		543,940	543,340	600	1,068,219	54
252	107,683			2	230	40,933	694	3,894	12,094	24,251	275,983	270,975	5,008	490,542	55
26	15,631					14,768	3,900	1,424	9,444		160,126	155,480	4,646	203,713	56
149	53,834	1	200			7,692	2,975	846	3,871		58,630	57,329	1,301	160,304	57
396	214,470			3	615	137,072	2,450	738	5,615	128,269	296,364	291,870	4,494	790,349	58
25	10,959	2	598			1,599	997	43	455	104	35,942	35,777	165	70,076	59
11	3,315	302	82,320	3	530	34,747	27,840	1,074	5,833		313,276	312,183	1,093	602,649	60
32	13,050			5	1,077	5,820	2,186	154	2,980		16,932	16,521	411	69,596	61
144	73,509					18,231	1,815	1,113	5,303	10,000	196,062	195,133	929	364,785	62
166	56,470	8	1,664	6	936	68,632		1,735	66,897		4,225,390	4,214,197	11,193	4,683,343	63
7	2,622					3,670	1,240	105	2,150	175	11,700	11,535	165	26,500	64
358	169,941			11	2,398	16,849	7,551	642	6,656	2,000	136,605	136,368	237	455,610	65
39	15,926	6	1,500			6,158	1,340	588	4,230		253,107	250,576	2,531	331,185	66
174	77,239			12	1,606	25,091	8,695	843	11,353	4,200	105,177	104,712	465	280,627	67
82	39,345	25	4,451	1	182	341,484	13,509	1,736	320,239	6,000	268,924	266,455	2,469	939,930	68
606	267,797			5	690	29,572	2,401	652	19,619	6,900	342,083	335,026	7,057	826,355	69
4	1,163					472	192	5	275		2,175	2,155	20	5,787	70
38	19,856	4	976	1	100	13,348	9,544	280	2,699	825	26,831	26,375	456	96,719	71
37	7,450	51	6,600			9,284	1,020	510	7,754		145,814	144,482	1,332	218,928	72
50	36,313					2,744	1,227	123	1,394		42,438	41,926	512	120,627	73
332	151,886			17	2,185	55,192	15,614	1,592	16,361	21,625	542,563	539,927	2,636	938,292	74
429	203,085	146	29,112	26	3,338	59,249	21,476	3,240	32,120	2,413	319,998	311,342	8,656	854,547	75
414	267,668	46	14,851	4	830	252,267	27,147	7,661	155,396	62,063	285,030	271,283	13,747	1,350,931	76
2	986					432	222	45	165		2,884	2,881	3	11,745	77
141	61,952			3	400	20,083	4,197	1,349	4,417	10,120	246,996	245,464	1,532	415,234	78
374	168,488	21	5,238	19	2,348	39,104	12,238	3,340	23,458	68	722,239	718,173	4,066	1,167,400	79
7	2,258			1	156	1,012	735	63	149	65	4,637	4,543	94	11,103	80
20	7,864	137	29,234	7	456	10,044	3,185	30	6,829		55,345	52,919	2,426	119,821	81
433	181,937	1	260			96,112	1,200	5,705	89,207		3,648,201	3,622,956	25,245	4,231,608	82
15	7,220					4,200		710	3,490		180,285	180,085	200	213,370	83
7	4,148					748	408	40	300		1,445	1,345	100	11,906	84
286	117,872	5	786	8	1,152	25,589	9,366	1,870	14,203	150	258,137	253,716	4,421	563,252	85
1,946	601,612	421	111,749	343	34,760	6,618,729	4,772	18,960	6,594,997		4,861,060	4,826,971	34,089	13,693,700	86
445	188,869	400	81,693	200	19,597	229,662	13,092	3,399	213,171		373,870	372,453	1,417	1,096,666	87
634	135,885	60	15,500	33	3,980	35,133	291	4,304	30,538		1,185,765	1,176,568	9,197	1,740,211	88
137	47,960	15	2,569			25,406	3,580	1,001	20,825		98,396	97,488	908	232,308	89
41	19,940					3,841	240	1,061	2,540		205,668	204,674	994	334,978	90
41	20,246	11	1,993	2	281	23,771	2,448	1,288	20,035		188,860	186,170	2,690	413,828	91
39	19,012			4	416	18,765	7,009	507	1,027	10,222	20,562	20,049	513	99,922	92
33	11,970					2,447	1,630	24	793		10,711	10,576	135	42,800	93
17	7,512					655	318	169	168		3,478	2,921	557	18,475	94
2,024	922,116	670	139,105	300	37,905	396,265	21,525	74,168	281,260	19,312	3,435,367	3,319,252	116,115	6,401,355	95

and paste, 1; musical instruments and materials, not specified, 1; musical instruments, organs and materials, 2; musical instruments, pianos and materials, 1; oil, not elsewhere specified, 2; oleomargarine, 1; photographic materials, 2; photolithographing and photoengraving, 1; plumbers' supplies, 1; pottery, terra cotta, and fire-clay products, 2; refrigerators, 1; saws, 2; scales and balances, 1; sewing machines and attachments, 1; show cases, 1; smelting and refining, not from the ore, 1; soap and candles, 2; soda water apparatus, 1; stamped ware, 1; steam fittings and heating apparatus, 1; steam packing, 1; stencils and brands, 2; stereotyping and electrotyping, 1; sugar and molasses, refining, 2; surgical appliances, 1; umbrellas and canes, 1; upholstering materials, 1; windmills, 1; window shades, 1; woodenware, not elsewhere specified, 1; woolen goods, 2; worsted goods, 1.

TABLE 8.—MANUFACTURES IN CITIES

NEWPORT.

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES AND TOWNS.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	All industries	272	$2,848,435	$249,235	$673,643	$603,408	$1,322,149	811	132	$142,404	2,561	$1,155,361
2	Blacksmithing and wheelwrighting	9	17,125	3,750	3,400	3,400	6,575	11	-------	-------	20	11,290
3	Boots and shoes, custom work and repairing.	11	4,290	700	1,150	2,070	370	12	-------	-------	9	2,962
4	Bread and other bakery products	18	29,890	5,600	16,150	3,790	4,350	18	-------	-------	31	12,868
5	Carpentering	19	22,867	6,100	2,700	3,575	10,492	23	1	540	81	44,579
6	Carriages and wagons	3	15,105	7,250	3,155	1,350	3,350	4	-------	-------	9	5,120
7	Clothing, men's, custom work and repairing.	6	54,190	8,500	19,500	690	25,500	7	-------	-------	27	13,238
8	Clothing, men's, factory product	56	52,970	5,750	13,305	13,615	20,300	61	-------	-------	554	124,971
9	Clothing, women's, dressmaking	5	1,000	-------	-------	500	500	6	-------	-------	14	3,478
10	Confectionery	4	2,155	400	450	900	405	4	-------	-------	5	1,270
11	Foundry and machine shop products	4	246,111	34,910	89,200	50,500	121,501	4	8	6,157	197	122,124
12	Furniture, cabinetmaking, repairing, and upholstering.	3	8,050	1,500	3,000	650	2,900	3	-------	-------	10	8,096
13	Lumber, planing mill products, including sash, doors, and blinds.	3	79,000	5,500	16,500	19,000	38,000	6	3	2,175	56	18,755
14	Masonry, brick and stone	7	5,225	600	900	725	3,000	11	-------	-------	46	32,914
15	Millinery, custom work	6	21,580	3,000	7,000	230	11,350	7	-------	-------	23	6,290
16	Painting, house, sign, etc	12	5,276	350	300	1,610	3,016	19	-------	-------	27	14,212
17	Paper hanging	5	20,625	2,000	6,500	425	11,700	10	1	104	20	8,332
18	Paving and paving materials	3	15,360	4,500	400	4,800	5,660	5	1	800	32	13,178
19	Plumbing, and gas and steam fitting	13	17,425	1,700	1,300	3,975	10,450	14	3	726	49	19,128
20	Saddlery and harness	4	9,510	2,000	5,000	360	2,150	4	-------	-------	2	1,460
21	Tinsmithing, coppersmithing, and sheet-iron working.	10	27,760	7,800	7,260	2,825	9,875	12	-------	-------	20	9,648
22	Tobacco, cigars and cigarettes	23	25,536	5,775	6,925	2,536	10,300	25	1	700	70	20,768
23	Watch, clock, and jewelry repairing	5	10,632	-------	-------	1,327	9,305	6	1	260	6	1,854
24	All other industries[1]	43	2,156,753	141,550	519,548	484,555	1,011,100	39	113	130,942	1,253	663,826

[1] Embraces awnings, tents, and sails, 1; bicycle and tricycle repairing, 2; boots and shoes, factory product, 1; bottling, 1; brick and tile, 2; carpets, rag, 2; carriage and wagon materials, 1; clothing, women's, factory product, 1; cooperage, 1; dyeing and cleaning, 1; electrical construction and repairs, 2; fancy articles, not elsewhere specified, 1; flouring and grist mill products, 1; glass, cutting, staining, and ornamenting, 1; hardware, 1; hats and caps, not including fur hats and wool hats, 1; ice, manufactured, 1; iron and steel, 1; ironwork, architectural and ornamental, 1; lamps and reflectors, 1; liquors, malt, 1; lithographing and

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and towns	1,128	$17,836,919	$1,327,696	$2,807,239	$3,876,106	$9,825,878	1,277	810	$614,327	10,929	$3,762,598
2	Ashland	82	2,980,975	121,947	703,917	662,163	1,492,948	83	72	82,346	1,620	575,152
3	Bellevue	30	73,463	6,850	8,000	47,803	10,810	32	3	1,686	79	27,839
4	Bowling Green	104	624,907	57,700	77,225	190,413	299,569	119	48	34,167	782	290,774
5	Dayton	59	193,690	23,750	24,575	55,910	89,455	62	4	2,440	236	86,218
6	Frankfort	66	1,594,791	114,115	194,225	354,294	932,157	75	89	83,888	367	161,474
7	Henderson	107	2,913,716	160,270	425,383	518,049	1,810,014	120	86	68,601	1,475	392,452
8	Hopkinsville	73	445,770	42,360	100,090	115,140	188,180	90	68	30,747	547	136,346
9	Ludlow	35	462,807	12,928	127,882	174,321	147,676	45	30	21,411	726	382,995
10	Mayfield	45	954,448	22,100	72,302	115,571	744,475	52	10	8,040	324	100,992
11	Maysville	95	1,125,147	127,087	174,984	265,085	557,991	119	60	50,793	644	194,055
12	Mt. Sterling	52	253,825	19,000	46,450	76,515	111,860	59	9	6,004	131	35,163
13	Owensboro	159	3,308,056	278,374	439,627	503,133	2,086,922	178	189	112,767	1,582	424,736
14	Paducah	171	2,689,121	322,540	378,804	763,774	1,224,003	175	136	108,137	2,305	918,603
15	Winchester	50	216,203	18,675	33,775	33,935	129,818	68	6	3,300	111	35,799

BY SPECIFIED INDUSTRIES: 1900—Continued.

NEWPORT.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
1,885	$1,020,385	639	$130,656	37	$4,320	$866,620	$22,869	$18,783	$599,905	$225,063	$2,017,773	$1,932,149	$85,624	$4,888,169	1
20	11,290	------	------	------	------	3,611	948	98	15	2,550	12,672	12,222	450	39,356	2
9	2,962	------	------	------	------	612	506	32	22	52	4,446	4,347	99	13,013	3
29	12,462	1	250	1	156	2,157	1,587	448	122	------	39,181	37,913	1,268	78,600	4
81	44,579	------	------	------	------	220,174	1,016	164	1,125	217,869	109,199	109,193	6	414,843	5
9	5,120	------	------	------	------	304	------	192	112	------	9,588	9,503	85	24,135	6
24	12,582	3	656	------	------	2,102	264	706	232	900	19,826	19,660	166	48,340	7
82	34,787	456	88,865	16	1,319	6,444	2,059	397	3,488	500	14,225	12,377	1,848	201,540	8
------	------	14	3,478	------	------	435	430	------	5	------	748	714	34	8,408	9
3	1,030	2	240	------	------	882	660	131	91	------	4,860	4,705	155	11,939	10
197	122,124	------	------	------	------	13,796	------	2,372	11,424	------	241,877	228,137	13,740	414,962	11
8	2,800	2	296	------	------	215	160	20	35	------	3,600	3,565	35	8,900	12
54	18,505	2	250	------	------	2,198	400	1,128	670	------	62,995	61,927	1,068	104,238	13
46	32,914	------	------	------	------	220	144	26	50	------	33,982	33,982	------	81,849	14
------	------	23	6,290	------	------	1,348	851	446	51	------	29,703	29,575	128	47,712	15
27	14,212	------	------	------	------	636	450	11	15	160	10,594	10,585	9	40,531	16
19	8,200	1	132	------	------	857	516	219	122	------	12,984	12,925	59	30,710	17
32	13,178	------	------	------	------	231	90	35	106	------	13,137	12,837	300	34,716	18
49	19,128	------	------	------	------	2,697	1,894	196	207	400	47,855	47,622	233	93,975	19
2	1,460	------	------	------	------	342	161	128	53	------	10,602	10,578	24	14,932	20
20	9,648	------	------	------	------	1,016	564	299	153	------	31,179	30,949	230	56,549	21
47	15,093	23	5,675	------	------	16,312	1,426	252	14,634	------	19,540	19,276	264	71,614	22
6	1,854	------	------	------	------	723	658	51	14	------	3,797	3,760	37	11,400	23
1,121	636,457	112	24,524	20	2,845	589,308	8,085	11,432	567,159	2,632	1,281,183	1,215,797	65,386	3,035,907	24

engraving, 1; looking-glass and picture frames, 1; marble and stone work, 1; mineral and soda waters, 1; monuments and tombstones, 1; mucilage and paste, 1; photography, 1; pipes, tobacco, 1; plastering and stuccowork, 1; printing and publishing, book and job, 2; printing and publishing, newspapers and periodicals, 1; roofing and roofing materials, 2; slaughtering and meat packing, wholesale, 1; slaughtering, wholesale, not including meat packing, 1; tobacco, chewing, smoking, and snuff, 1; watch cases, 1.

TOWNS UNDER 20,000 IN POPULATION: 1900.

8,772	$3,388,964	1,528	$292,439	629	$81,195	$1,345,339	$139,609	$115,643	$870,474	$219,613	$13,417,611	$12,786,230	$631,381	$23,123,458	1
1,556	564,320	14	2,314	50	8,518	169,151	14,972	11,680	137,449	5,050	3,046,856	2,575,506	471,350	4,595,809	2
51	22,940	26	4,494	2	405	20,047	1,718	1,186	3,993	13,150	61,619	60,600	1,019	149,558	3
658	264,867	111	24,605	13	1,302	64,174	11,162	5,188	36,002	11,822	855,636	844,030	11,606	1,557,952	4
147	70,227	86	15,454	3	537	6,903	1,131	732	5,040	------	125,112	119,144	5,968	314,610	5
333	154,614	28	6,556	5	304	256,229	10,300	22,871	98,979	124,079	1,181,326	1,165,465	15,861	2,038,125	6
867	283,501	427	86,243	181	22,708	199,590	15,694	16,282	160,246	7,368	1,842,397	1,821,786	20,611	2,915,539	7
481	126,163	51	7,983	15	2,200	50,917	7,229	4,018	33,338	6,332	514,404	503,993	10,411	884,913	8
695	376,831	27	5,514	4	650	34,381	3,564	3,577	17,240	10,000	566,689	556,042	10,647	1,077,556	9
149	62,940	160	36,582	15	1,470	13,001	3,114	4,533	4,644	710	373,253	366,184	7,069	607,499	10
473	172,082	100	16,579	71	5,394	52,770	10,125	7,056	34,589	1,000	621,730	609,677	12,053	1,207,560	11
110	30,298	19	4,710	2	155	15,059	5,137	2,095	6,759	1,068	140,268	135,855	4,413	263,954	12
1,198	371,142	269	40,133	115	13,461	215,675	18,999	16,505	160,118	20,053	2,060,368	2,035,457	24,911	3,446,605	13
1,967	857,958	189	36,728	149	23,917	233,926	30,955	17,152	167,423	18,396	1,703,324	1,671,766	31,558	3,627,344	14
87	31,081	21	4,544	3	174	13,516	5,509	2,768	4,654	585	324,629	320,725	3,904	436,434	15

LOUISIANA.

Table 1 shows the manufacturing and mechanical industries of the state as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	4,350	2,613	1,553	2,557	1,744	1,008	66.5	68.3	[1]39.3	46.6	73.0
Capital	$113,084,294	$34,754,121	$11,462,468	$18,313,974	$7,151,172	$5,032,424	225.4	203.2	[1]37.4	156.1	42.1
Salaried officials, clerks, etc., number	3,944	[2]3,524	(3)	(3)	(3)	(3)	11.9	-------	-------	-------	-------
Salaries	$3,090,185	[2]$3,036,995	(3)	(3)	(3)	(3)	1.8	-------	-------	-------	-------
Wage-earners, average number	42,210	28,377	12,167	30,071	8,789	6,217	48.7	133.2	[1]59.5	242.1	41.4
Total wages	$15,385,715	$10,122,569	$4,360,371	$4,593,470	$3,683,679	$2,033,928	52.0	132.1	[1]5.1	24.7	81.1
Men, 16 years and over	35,531	20,967	10,171	23,637	7,873	5,458	69.5	106.1	[1]57.0	200.2	44.2
Wages	$14,122,777	$8,868,867	(3)	(3)	(3)	(3)	59.2	-------	-------	-------	-------
Women, 16 years and over	5,448	6,798	1,335	4,210	916	759	[1]19.9	409.2	[1]68.3	359.6	20.7
Wages	$1,112,812	$1,183,229	(3)	(3)	(3)	(3)	[1]6.0	-------	-------	-------	-------
Children, under 16 years	1,231	612	661	2,224	(3)	(3)	101.1	[1]7.4	[1]70.3	-------	-------
Wages	$150,126	$70,473	(3)	(3)	(3)	(3)	113.0	-------	-------	-------	-------
Miscellaneous expenses	$7,999,870	$3,760,753	(4)	(4)	(4)	(4)	112.7	-------	-------	-------	-------
Cost of materials used	$82,299,893	$33,282,724	$14,442,506	$12,412,023	$6,738,486	$2,459,508	147.3	130.4	16.4	84.2	174.0
Value of products, including custom work and repairing	$121,181,683	$57,806,713	$24,205,183	$24,161,905	$15,587,473	$6,779,417	109.6	138.8	0.2	55.0	129.9
Total population	1,381,625	1,118,587	939,946	726,915	708,002	517,762	23.5	19.0	29.3	2.7	36.7
Wage-earners engaged in manufactures	42,210	28,377	12,167	30,071	8,789	6,217	48.7	133.2	[1]59.5	242.1	41.4
Per cent of total population	3.1	2.5	1.3	4.1	1.2	1.2	-------	-------	-------	-------	-------
Assessed value of real estate	[5]$191,376,383	$159,619,875	$122,362,297	$191,343,376	$280,704,988	$176,623,654	19.9	30.4	[1]36.1	[1]31.8	58.9
Value of land and buildings invested in manufactures [6]	$27,443,599	$9,646,289	(3)	(3)	(3)	(3)	184.5	-------	-------	-------	-------
Per cent of assessed value	14.3	6.0	-------	-------	-------	-------	-------	-------	-------	-------	-------

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[3] Not reported separately.
[4] Not reported.
[5] As given in the Biennial Report of the Auditor of Public Accounts of the State of Louisiana, May, 1900.
[6] Does not include value of rented property.

Although Louisiana is an agricultural state, Table 1 shows that there has been a steady growth in the manufacturing and mechanical industries during the half century. The population during these years increased from 517,762 to 1,381,625, or 166.8 per cent, while the average number of wage-earners employed in manufacturing establishments increased from 6,217 to 42,210, or 578.9 per cent, embracing, in 1900, 3.1 per cent of the entire population, compared with 1.2 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 74,250, or 5.4 per cent of the total population of the state.

The manufactures of Louisiana are founded principally upon the abundant raw materials of its forests of pine, cypress, and useful hard woods, which cover more than 75 per cent of the area of the state, and upon the products of its sugar-cane, cotton, and rice fields. Industrial development, however, has been retarded by the high price of fuel, a price in many localities prohibitive, but conditions have been much improved by the completion of a part of the improvements of the Warrior River in Alabama,[1] and by the opening of a canal connecting the Mississippi River with the Gulf of Mexico through Lake Borgne.[2] This has given through water rates for coal from the nearest mines, thus materially lessening the cost and creating competition with coal from other fields, while the discovery of oil in Texas and Louisiana has furnished a cheap substitute for coal.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

[1] Annual Report of the Chief of Engineers, U. S. A., 1901, page 366.
[2] First Annual of the New Orleans Maritime Association, 1901, page 133.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	6,740	$114,232,593	7,273	44,912	$15,437,750	$8,040,267	$82,450,094	$27,450,439	$51,528,183	$3,471,472	$121,702,645
Hand trades [1]	1,057	2,377,048	1,151	3,000	1,340,520	471,222	2,165,631	19,027	2,099,206	47,398	5,066,849
Establishments with a product of less than $500	2,390	1,148,299	2,512	2,702	52,035	40,397	150,201	18,304	131,897		520,962
All other establishments	3,293	110,707,246	3,610	39,210	14,045,195	7,528,648	80,134,262	27,413,108	49,297,080	3,424,074	116,114,834

[1] Includes bicycle and tricycle repairing, 23; blacksmithing and wheelwrighting, 361; boots and shoes, custom work and repairing, 131; carpentering, 65; clothing, men's, custom work and repairing, 84; clothing, women's, dressmaking, 29; dyeing and cleaning, 22; furniture, cabinetmaking, repairing, and upholstering, 57; lock and gun smithing, 29; masonry, brick and stone, 17; millinery, custom work, 61; painting, house, sign, etc., 36; paper hanging, 4; plastering and stuccowork, 4; plumbing, and gas and steam fitting, 34; sewing machine repairing, 6; taxidermy, 1; watch, clock, and jewelry repairing, 93.

Of the 6,740 establishments of all classes, shown in this table, 3,447, or 51.1 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $5,587,811, or only 4.6 per cent of the total value of the products of the state.

In addition to the 6,740 active establishments in the state during the census year, with a capital of $114,232,593, shown in Table 2, there were 76 idle establishments, with a capital of $499,431, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.
Bread and other bakery products	1	$31,000
Brick and tile	3	7,415
Cotton, ginning	34	36,365
Lumber and timber products	11	69,929
Paving and paving materials	1	10,000
Sugar and molasses, refining	19	341,902
All other industries	7	2,820

TABLE 3.—COMPARATIVE SUMMARY OF EIGHT LEADING INDUSTRIES.

	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	998	$84,923,908	22,306	$8,550,047	$3,787,575	$66,691,482	$87,181,916
	1890	273	12,737,998	7,904	2,933,031	1,007,609	21,019,089	28,272,588
Increase, 1890 to 1900		725	72,185,910	14,402	5,617,016	2,779,966	45,672,393	58,909,328
Per cent of increase		265.6	566.7	182.2	191.5	275.9	217.3	208.4
Per cent of total of all industries in state	1900	22.9	75.1	52.8	55.6	47.3	81.0	71.9
	1890	10.4	36.7	27.9	29.0	26.8	63.2	48.9
Bags, other than paper	1900	5	819,310	330	74,334	46,754	3,081,840	3,443,468
	1890	3	201,500	89	32,104	9,755	579,175	669,945
Cars and general shop construction and repairs by steam railroad companies.	1900	19	782,588	1,378	800,398	19,699	562,658	1,429,099
	1890	6	156,136	61	43,421	101	61,592	112,847
Foundry and machine shop products	1900	69	2,949,113	1,313	654,053	97,441	1,283,939	2,672,761
	1890	49	1,658,159	1,095	659,786	59,371	922,559	2,151,586
Lumber and timber products	1900	432	20,093,044	10,171	3,337,020	505,025	9,449,678	17,408,513
	1890	127	5,714,313	3,311	1,160,528	228,247	3,089,179	5,745,194
Lumber, planing mill products, including sash, doors, and blinds	1900	28	1,040,035	881	323,446	45,109	855,165	1,573,481
	1890	27	947,837	643	349,854	51,198	716,967	1,405,576
Oil, cottonseed and cake	1900	24	4,622,569	1,317	347,051	295,358	5,792,469	7,026,452
	1890	7	1,082,752	387	136,182	48,124	1,058,115	1,573,626
Rice, cleaning and polishing	1900	37	1,818,144	412	180,523	162,104	4,954,135	5,736,451
	1890	16	1,033,700	355	133,608	92,429	3,423,650	4,009,901
Sugar and molasses, refining	1900	384	52,799,105	6,504	2,833,222	2,616,085	40,711,598	47,891,691
	1890	38	1,943,601	1,963	417,548	518,384	11,167,852	12,603,913

The 8 leading industries of the state in 1900, as shown in Table 3, embraced 998 establishments, or 22.9 per cent of the total number in the state; used a capital of $84,923,908, or 75.1 per cent of the total; gave employment to 22,306 wage-earners, or 52.8 per cent of the total number; and paid $8,550,047, or 55.6 per cent of the total wages. The value of their products was $87,181,916, or 71.9 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

Table 3 shows that the refining of sugar and molasses is the most important industry in the state. The 384 establishments reported in 1900 gave employment to 6,504 wage-earners, or 15.4 per cent of the wage-earners employed in the state, and the products were valued at $47,891,691, or 39.5 per cent of the total value of the products of the state. In 1890 there were 38 establishments, 1,963 wage-earners, and products valued at $12,603,913. The establishments reported for 1890 did not include those located on plantations; the increase shown in the industry as now reported is largely due to the inclusion of small plants operated principally for the benefit of the plantations on which they are located, and treating from 500 to 1,500 tons of cane per day, the product being a high grade of clarified sugar. One of the greatest obstacles in the way of the local manufacture is the enforced idleness during the greater part of the year of expensive plants, thus entailing a loss on capital invested. An industry is now being developed which is intended to keep these plants in operation for a longer period, and utilize a waste product. This is the manufacture of paper from bagasse, the woody fiber of the sugar-cane after the juice has been expressed. With a small admixture of jute or manila, this material has been found to make one of the finest grades of heavy paper.

The manufacture of lumber and timber products ranks second in importance, with 432 establishments, 10,171 wage-earners, and products valued at $17,408,513. In 1890 there were 127 establishments, 3,311 wage-earners, and products valued at $5,745,194. The increase in the value of products during the decade was $11,663,319, or 203 per cent. In 1890 the production was almost exclusively yellow pine lumber, cypress shingles, and white oak pipestaves. In 1900, while yellow pine products were still the most important, there had been a great increase in products manufactured from cypress and hard woods, as a result of improved methods of logging, and the utilization of the waste of shingle mills. Many of the largest establishments in the state, some of them with a capacity of 80,000 to 100,000 feet per day, were engaged in cypress sawing alone. The manufacture of pipestaves has been practically abandoned.

A forest of longleaf pine covers 3,880 square miles of the upper part of eastern Louisiana, and there is a large area of this timber in the southwestern part. The excellence of the growth is such that the yield of lumber per acre is among the greatest of the timber pine area of the Southern states. South of the Red River bottom the forests of longleaf pine continue unbroken to the Sabine River, and to the treeless savannas of the coast in Calcasieu parish, their eastern boundary. According to actual measurement, a selected acre of standing timber in this parish will yield not less than 35,000 feet of lumber, board measure.[1]

The cypress forests of the state are practically untouched, only slight impression has been made upon the pine areas, and the hard-wood forests, except that they have been culled of the choicest of white oak, remain in their primal state. Several large purchases of these forests of hard wood have recently been made by capitalists, and mills are planned for converting the wood into lumber on an extensive scale. In some cases the machinery is now in place, and in others, contracts have been made for the building of plants. At no other time in the history of the state has there been as many large lumber manufacturing plants under construction, nor has the state ever before attracted so much attention from leading lumber manufacturers.

Several of the ports of Louisiana profit by the large manufacture of lumber and timber products. The lumber trade of Lake Charles for the past ten years, according to the board of trade returns, was 200,000,000 feet per annum. New Orleans is first in the value of logs exported from Southern ports, and exceeds all other Southern ports combined in export of staves and headings.[2]

The manufacture of cottonseed oil and cake holds third place among the manufacturing industries of the state. There were 24 establishments in 1900, with 1,317 wage-earners, and products valued at $7,026,452. In 1890 there were 7 establishments, 387 wage-earners, and products valued at $1,573,626. The increase in the value of products during the decade was $5,452,826, or 346.5 per cent. The excellent facilities of the port of New Orleans for distributing these products have greatly stimulated the industry, attracting seed from a distance and causing the manufacture to assume proportions larger than the local production of cotton would have permitted. The refining of cottonseed oil is a branch of the industry recently started in New Orleans.

There were 37 establishments engaged in the cleaning and polishing of rice in 1900, with 412 wage-earners, and products valued at $5,736,451. In 1890, 16 establishments were reported, with 355 wage-earners, and products valued at $4,009,901. The increase in the value of products during the decade was $1,726,550, or 43.1 per cent. During the last year of the decade a great impetus was given the industry by the introduction of new methods of cultivating rice and the establishment of irrigating plants

[1] Department of Agriculture, Division of Forestry, The Timber Products of the Southern United States, 1897, pages 44 and 45.

[2] Internal Commerce, the Lumber Trade of the United States, November, 1900. Treasury Department, Bureau of Statistics, pages 1097 and 1098.

in the principal rice-producing section. Many farmers from the Northwest have moved to the state and engaged in rice culture. At the time the census was taken in 1900 this development had barely commenced.

There were 5 establishments engaged in the manufacture of bags, other than paper, in 1900, with 330 wage-earners, and products valued at $3,443,468. In 1890 there were 3 establishments, with 89 wage-earners, and products valued at $669,945. The increase in the value of products during the decade was $2,773,523, or 414 per cent. The bags or sacks manufactured are of burlap and other coarse cloth, and are extensively used throughout the Southern states in the handling of cottonseed, cottonseed meal, and fertilizers. The manufacture is dependent upon the other industries of the state, and has kept pace with them, the products having increased in much larger proportion than the number of establishments or the capital invested. This has been accomplished by the enlargement of the factories already established, and the material increase of their facilities and the number of wage-earners employed.

There were 69 establishments engaged in the manufacture of foundry and machine shop products in 1900, with 1,313 wage-earners, and products valued at $2,672,761. In 1890, 49 establishments were reported, with 1,095 wage-earners, and products valued at $2,151,586. The increase in the value of products during the decade was $521,175, or 24.2 per cent. Several of these establishments make a specialty of the manufacture of sugar machinery.

There were 28 establishments engaged in the manufacture of planing mill products in 1900, with 881 wage-earners, and products valued at $1,573,481. In 1890, 27 establishments were reported, with 643 wage-earners, and products valued at $1,405,576. The increase in the value of products during the decade was $167,905, or 11.9 per cent.

There were 19 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 1,378 wage-earners, and products valued at $1,429,099. In 1890, 6 establishments were reported, with 61 wage-earners, and products valued at $112,847. The increase in the value of products during the decade was $1,316,252, or 1,166.4 per cent.

The statistics of the manufacture of cotton goods can not be shown in detail, because there are only 2 establishments in the state, but it is beginning to assume importance. Several large cotton factories are projected, or are in process of erection. Conditions in Louisiana are favorable to this industry, and there are many small towns, along the great trunk-line railroads that traverse the state, where large cotton factories can be operated to advantage, employing a portion of the local population, and using cotton grown within easy hauling distance.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the city of New Orleans, as returned at the censuses of 1880, 1890, and 1900, with percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, NEW ORLEANS, 1880, 1890, AND 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.			PER CENT OF INCREASE.	
	[1] 1900	1890	1880	1890 to 1900	1880 to 1890
Number of establishments	1,524	1,961	915	[2] 22.3	114.3
Capital	$46,003,604	$26,319,277	$8,565,303	74.8	207.3
Wage-earners, average number	19,435	22,342	9,504	[2] 13.0	135.1
Total wages	$7,645,167	$8,275,112	$3,717,557	[2] 7.6	122.6
Miscellaneous expenses	$4,759,877	$3,295,077	([3])	44.5	----------
Cost of materials used	$43,361,525	$28,271,445	$10,771,892	53.4	162.5
Value of products, including custom work and repairing	$63,514,505	$48,295,449	$18,808,096	31.5	156.8

[1] Does not include cotton compressing in 1900. [2] Decrease. [3] Not reported.

It appears from Table 4 that the number of establishments in New Orleans decreased during the decade ending with the year 1900 from 1,961 to 1,524, or 22.3 per cent, and the average number of wage-earners decreased from 22,342 to 19,435, or 13 per cent, while the value of products increased from $48,295,449 to $63,514,505, or 31.5 per cent. The number of establishments, number of wage-earners, and value of products for this city, in 1900, constituted 35, 46, and 52.4 per cent, respectively, of the totals for the entire state.

Table 5 presents the totals for the manufacturing industries of the 5 cities and towns withdrawn from the enumerators, and places them in comparison with the totals for the entire state and the state exclusive of these cities and towns.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Total for state	4,350	$113,084,294	4,761	42,210	$15,385,715	$7,999,870	$82,299,893	$121,181,683
Total for urban manufactures	1,705	52,300,954	1,816	21,988	8,557,878	5,099,096	48,805,030	71,069,557
Baton Rouge	27	778,570	22	302	110,855	95,917	406,538	748,401
Gretna	16	2,774,077	10	791	196,014	118,210	3,572,492	4,075,787
New Orleans	1,524	46,003,604	1,657	19,435	7,645,167	4,759,877	43,361,525	63,514,505
Plaquemine	23	1,048,364	21	446	192,280	19,747	419,023	766,044
Shreveport	115	1,696,339	106	1,014	413,562	105,345	1,045,452	1,964,820
Total for state exclusive of urban manufactures	2,645	60,783,340	2,945	20,222	6,827,837	2,900,774	33,494,863	50,112,126
Per cent of urban manufactures to total for state	39.2	46.2	38.1	52.1	55.6	63.7	59.3	58.6

Of the 4,350 establishments in the state, 1,705, or 39.2 per cent, were located in these 5 cities and towns. They furnished employment to 21,988 wage-earners, or 52.1 per cent of the total number, and the value of their products, $71,069,557, formed 58.6 per cent of the total for the state.

Table 6 shows the totals for the state by parishes.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the city of New Orleans by specified industries.

Table 9 shows the totals for the cities and towns withdrawn from the enumerators, exclusive of the city of New Orleans.

TABLE 6.—MANUFACTURES

	PARISHES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	4,350	$113,084,294	$12,795,630	$14,661,469	$41,421,587	$44,205,608	4,761	3,944	$3,090,185	42,210	$15,385,715
2	Acadia	62	721,671	59,885	166,250	164,091	331,445	62	50	47,634	259	100,452
3	Ascension	66	2,506,546	17,605	443,016	1,396,437	649,488	66	54	16,884	519	214,800
4	Assumption	51	2,541,648	52,960	456,850	1,768,825	263,013	71	83	32,453	580	222,031
5	Avoyelles	71	384,936	10,276	82,442	254,574	37,644	73	17	7,644	150	39,434
6	Bienville	28	47,646	5,544	10,480	24,240	7,382	32	2	1,500	80	14,327
7	Bossier	57	1,377,829	474,948	87,830	391,238	423,813	80	47	46,766	682	231,805
8	Caddo	182	2,332,762	285,340	411,789	804,018	831,615	183	128	110,248	1,360	509,167
9	Calcasieu	135	2,613,836	543,517	241,739	667,377	1,161,203	141	112	111,631	1,179	430,880
10	Caldwell	12	46,915	6,550	9,990	24,050	6,325	17	5	2,100	71	23,211
11	Catahoula	29	126,275	17,472	16,400	66,003	26,400	34	6	3,406	96	15,715
12	Claiborne	69	110,285	17,645	14,455	52,900	25,285	86	6	2,500	118	25,259
13	Concordia	43	294,651	15,910	62,033	144,581	72,127	39	14	8,188	155	42,439
14	De Soto	42	405,052	153,847	24,985	123,835	102,385	58	15	11,537	322	82,832
15	East Baton Rouge	58	991,049	60,299	151,217	502,411	277,122	55	48	32,462	373	127,741
16	East Carroll	41	246,717	156,650	20,525	58,700	10,842	37	9	1,776	87	17,066
17	East Feliciana	53	95,014	8,961	19,665	54,578	11,810	48	8	489	125	19,923
18	Franklin	23	52,709	2,595	10,121	30,975	9,018	28	2	339	43	8,957
19	Grant	32	890,926	362,401	65,028	234,275	229,222	34	32	27,455	658	192,289
20	Iberia	97	4,251,235	450,167	560,648	2,323,233	917,187	107	139	57,547	1,360	462,330
21	Iberville	78	5,138,172	679,466	507,450	1,841,570	2,109,686	84	99	56,999	1,151	475,809
22	Jackson	7	9,075	3,585	990	3,815	685	10	------	------	8	811
23	Jefferson	27	8,532,810	236,639	550,602	1,324,710	1,428,889	24	90	83,168	1,079	311,957
24	Lafayette	64	682,759	19,348	118,435	501,470	43,506	71	26	15,043	192	76,401
25	Lafourche	51	3,810,452	184,505	592,440	2,398,828	634,679	60	109	25,863	848	356,983
26	Lincoln	44	100,729	23,312	13,045	40,070	24,302	56	1	500	73	11,514
27	Livingston	15	384,960	127,305	32,550	116,812	108,293	17	20	25,366	223	79,827
28	Madison	34	59,130	2,290	16,040	40,050	750	38	3	116	37	3,481
29	Morehouse	48	177,837	30,667	26,072	87,348	33,750	49	11	2,228	134	33,417
30	Natchitoches	89	713,270	195,690	77,387	283,949	156,244	95	42	27,966	478	113,358
31	Orleans	1,524	46,003,604	4,705,321	5,519,064	10,760,407	25,018,812	1,657	1,837	1,819,458	19,435	7,645,167
32	Ouachita	90	1,569,560	269,293	183,579	464,592	652,096	87	54	51,629	718	270,429
33	Plaquemines	12	1,239,330	8,430	202,150	830,550	198,200	13	24	14,660	217	75,788
34	Pointe Coupee	87	817,175	19,500	155,300	505,525	136,850	91	12	1,328	200	62,238
35	Rapides	114	2,300,817	718,177	156,601	845,170	580,869	136	50	38,666	808	255,693
36	Red River	29	65,795	2,358	10,785	47,860	4,792	33	3	231	45	6,223
37	Richland	22	44,630	2,270	7,320	32,040	3,000	27	3	288	81	4,946
38	Sabine	37	713,273	311,527	42,951	179,486	179,309	43	29	15,662	239	64,415
39	St. Bernard	8	160,430	7,300	21,000	72,900	59,230	9	4	2,900	44	19,425
40	St. Charles	14	1,104,687	64,900	140,200	490,300	409,287	11	23	8,268	250	99,786
41	St. Helena	17	47,005	13,075	6,870	22,590	4,470	17	1	600	39	9,483
42	St. James	65	4,844,423	267,001	688,292	1,707,665	2,181,465	79	93	50,688	1,306	434,689
43	St. John the Baptist	22	1,551,110	22,050	255,560	835,400	438,100	26	28	7,397	234	108,875
44	St. Landry	192	505,610	48,644	84,392	275,658	96,916	198	31	14,355	304	71,621
45	St. Martin	30	836,375	38,870	85,870	504,035	207,600	36	29	11,071	190	73,871
46	St. Mary	85	8,178,194	1,083,058	1,220,028	4,046,748	1,828,360	81	221	107,509	2,028	772,581
47	St. Tammany	29	669,973	168,172	114,562	186,501	200,738	34	48	34,385	841	236,467
48	Tangipahoa	54	1,322,139	453,557	110,386	295,190	463,006	65	47	38,431	935	261,742
49	Tensas	50	74,590	2,515	19,575	50,550	1,950	48	------	------	43	7,265
50	Terrebonne	36	3,147,574	106,915	332,316	1,800,903	907,440	43	103	50,417	574	236,982
51	Union	37	148,517	7,453	10,790	47,735	82,539	46	4	3,700	185	46,342
52	Vermilion[1]	42	204,225	8,231	51,735	113,940	30,319	47	13	6,294	98	31,549
53	Vernon	8	726,194	201,623	79,549	126,814	318,208	5	26	22,977	254	119,206
54	Washington	27	69,729	7,729	9,685	34,055	18,260	42	1	300	90	14,823
55	Webster	31	263,912	7,457	19,980	124,313	112,162	34	14	12,980	243	64,469
56	West Baton Rouge	28	1,654,902	17,455	308,375	1,200,565	128,507	33	62	11,050	276	115,209
57	West Carroll	10	13,703	1,150	2,700	9,600	253	11	1	92	9	1,475
58	West Feliciana	25	108,467	8,000	22,525	67,262	10,680	30	10	4,541	85	21,160
59	Winn	17	51,425	18,220	8,855	18,270	6,080	22	------	------	49	10,080

[1] Two establishments in Cameron parish are included in Vermilion parish to avoid disclosing operations of individual establishments.

TABLE 7.—MANUFACTURES BY

1	All industries	4,350	$113,084,294	$12,795,630	$14,661,469	$41,421,587	$44,205,608	4,761	3,944	$3,090,185	42,210	$15,385,715
2	Awnings, tents, and sails	6	24,300	2,000	2,000	1,700	18,600	7	6	3,200	31	17,892
3	Bags, other than paper	5	819,310	------	------	27,510	791,800	4	43	27,782	330	74,334
4	Baskets, and rattan and willow ware	7	19,287	2,700	3,500	387	12,700	7	6	4,000	44	17,667
5	Bicycle and tricycle repairing	23	25,826	400	900	8,226	16,300	27	------	------	29	11,499
6	Blacksmithing and wheelwrighting	361	302,919	64,119	61,805	74,390	102,605	392	5	1,788	384	156,076
7	Bookbinding and blank book making	8	38,500	2,000	1,800	20,100	14,600	8	24	7,250	48	23,022
8	Boots and shoes, custom work and repairing.	131	135,861	20,275	37,730	17,439	60,417	138	5	1,718	199	51,522
9	Boots and shoes, factory product	12	289,345	13,000	25,700	72,933	177,712	20	27	26,360	397	145,004
10	Boxes, fancy and paper	8	21,000	------	------	7,500	13,500	3	5	4,400	87	17,100
11	Boxes, wooden packing	6	92,706	8,150	7,200	20,000	57,356	5	13	11,592	107	84,280

BY PARISHES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
85,531	$14,122,777	5,448	$1,112,812	1,231	$150,126	$7,999,870	$507,293	$845,500	$6,068,419	$578,658	$82,299,893	$79,742,221	$2,557,672	$121,181,683	1
248	98,866	3	750	8	836	50,523	1,155	3,081	46,137	150	1,366,324	1,340,770	25,554	1,714,453	2
491	210,192	10	2,007	18	2,601	244,406	19,163	37,421	184,317	3,505	1,269,448	1,173,404	96,044	1,634,007	3
585	212,889	23	6,008	22	3,134	256,994	241	47,220	209,533	------	1,976,839	1,804,314	172,525	2,513,267	4
146	88,651	1	280	3	503	15,374	352	2,377	11,414	1,231	188,430	166,379	22,051	304,469	5
74	14,108	------	------	6	219	715	65	320	330	------	20,126	19,238	888	50,939	6
678	231,345	------	------	4	460	35,566	611	3,965	30,890	100	711,052	698,536	12,516	1,191,264	7
1,283	491,387	57	15,858	20	1,922	140,357	22,860	17,534	99,271	692	2,525,108	2,467,026	58,082	3,749,752	8
1,151	425,803	10	3,299	18	1,778	108,386	8,228	14,487	85,671	------	2,097,944	2,072,352	25,592	3,164,872	9
69	22,911	------	------	2	300	561	------	217	344	------	29,175	28,931	244	71,756	10
95	15,715	------	------	------	------	3,122	44	532	2,546	------	42,421	41,481	940	97,493	11
109	24,162	4	475	5	622	3,901	274	609	3,018	------	40,606	38,424	2,182	104,344	12
151	41,571	1	400	3	468	15,202	16	4,649	10,537	------	180,598	173,335	7,263	321,110	13
317	81,867	1	300	4	665	7,687	27	1,873	5,787	------	289,506	288,534	972	498,072	14
367	126,567	4	945	2	229	100,704	2,748	7,189	90,767	------	482,867	453,883	28,984	866,912	15
85	16,802	------	------	2	264	4,366	700	2,520	1,146	------	32,352	29,688	2,664	98,262	16
124	19,868	------	------	1	55	2,096	320	632	1,144	------	44,443	41,391	3,052	103,968	17
41	8,687	------	------	2	270	1,066	25	400	641	------	22,221	21,298	923	53,851	18
652	191,284	1	250	5	755	14,046	------	2,506	11,515	25	467,202	466,593	609	853,607	19
1,303	453,995	7	1,430	50	6,905	181,906	3,086	20,840	131,632	26,348	2,085,269	1,984,883	100,386	3,526,923	20
1,135	472,548	10	2,423	5	838	302,631	6,638	36,192	143,413	116,388	2,132,938	2,030,169	102,769	3,044,333	21
8	811	------	------	------	------	46	------	46	------	------	1,585	1,505	80	5,401	22
1,043	303,079	8	617	33	8,261	149,770	1,243	35,863	109,393	3,271	3,931,443	3,866,225	65,218	4,692,724	23
178	74,957	------	------	14	1,444	28,570	1,632	2,651	17,186	7,101	333,228	313,722	19,506	543,128	24
810	350,439	16	2,842	22	3,702	131,585	744	38,430	88,454	3,957	2,126,087	1,975,628	150,459	3,094,329	25
64	10,419	7	1,006	2	89	1,976	345	658	973	------	28,760	27,652	1,108	70,056	26
219	78,327	------	------	4	1,500	8,015	------	2,254	5,761	------	197,426	197,271	155	427,720	27
37	3,481	------	------	------	------	1,055	185	480	340	50	10,742	9,570	1,172	37,222	28
133	33,334	1	83	------	------	4,930	446	588	3,896	------	63,695	60,905	2,790	161,821	29
452	110,158	------	------	26	3,200	20,896	777	5,529	14,590	------	505,100	495,097	10,003	799,296	30
13,682	6,517,494	5,135	1,045,171	718	82,502	4,759,877	402,741	296,591	3,771,782	288,763	43,361,525	42,635,031	726,494	63,514,505	31
703	267,449	12	2,530	3	450	85,102	5,615	7,349	72,138	------	715,756	695,416	20,340	1,239,012	32
201	74,038	7	1,000	9	750	57,638	180	12,144	45,314	------	622,840	572,698	50,142	890,400	33
195	61,759	4	419	1	60	76,500	320	8,140	68,040	------	359,915	323,223	36,692	521,527	34
788	252,124	12	2,559	8	1,010	64,439	3,737	7,287	52,715	700	1,104,023	1,080,224	23,799	1,901,528	35
45	6,223	------	------	------	------	890	------	413	477	------	16,183	14,690	1,493	42,339	36
30	4,871	------	------	1	75	980	175	264	541	------	11,613	10,670	943	33,011	37
238	64,295	------	------	1	120	17,014	160	6,019	10,760	75	274,763	274,010	753	427,953	38
43	19,300	------	------	1	125	23,456	504	1,605	7,347	14,000	120,719	114,484	6,235	176,827	39
236	96,546	14	3,240	------	------	63,387	250	14,574	48,398	165	686,292	626,731	59,561	788,043	40
38	9,408	------	------	1	75	1,138	530	294	314	------	29,021	28,706	315	60,162	41
1,271	427,784	23	5,130	12	1,775	163,960	2,578	38,391	114,119	8,872	1,928,469	1,778,326	150,143	2,650,684	42
232	108,515	2	360	------	------	106,127	185	17,822	62,747	25,373	1,005,850	922,969	82,881	1,220,974	43
294	70,354	1	400	9	867	29,640	696	4,934	23,605	405	320,765	296,100	24,665	557,101	44
184	72,491	5	1,230	1	150	53,842	70	5,261	37,193	11,318	389,488	366,517	22,971	667,500	45
1,982	765,980	10	1,834	36	4,767	343,432	2,759	47,367	239,517	53,789	3,804,246	3,600,201	204,045	5,749,854	46
817	232,816	2	480	22	3,171	21,202	156	3,247	17,199	600	337,678	311,596	26,077	756,946	47
875	255,314	5	931	55	5,497	36,254	4,653	3,703	24,848	3,050	450,392	435,756	14,636	917,825	48
43	7,265	------	------	------	------	1,836	1,020	371	445	------	15,828	13,586	2,242	48,811	49
492	227,457	47	6,630	35	2,895	124,475	1,144	47,671	73,960	1,700	1,587,517	1,480,988	106,529	2,223,005	50
182	46,062	2	100	1	180	7,265	6,600	395	270	------	106,298	105,465	833	203,417	51
91	30,424	4	805	3	320	11,137	715	714	7,768	1,940	251,247	240,327	10,920	324,805	52
253	119,006	------	------	1	200	25,169	------	1,813	23,356	------	261,969	261,432	537	536,021	53
85	13,953	------	------	5	370	808	------	313	495	------	16,388	15,694	694	50,722	54
234	63,314	------	------	9	1,155	6,057	390	1,724	3,943	------	304,156	303,080	1,076	434,613	55
261	112,527	4	1,020	11	1,662	72,666	------	24,894	42,742	5,030	873,472	810,099	63,373	1,182,308	56
9	1,475	------	------	------	------	118	40	74	4	------	4,759	4,406	353	12,937	57
82	20,660	------	------	3	500	8,352	100	821	7,396	35	114,600	110,639	3,961	203,828	58
46	9,650	------	------	3	430	657	50	242	340	25	21,191	20,953	238	49,674	59

SPECIFIED INDUSTRIES: 1900.

85,531	$14,122,777	5,448	$1,112,812	1,231	$150,126	$7,999,870	$507,293	$845,500	$6,068,419	$578,658	$82,299,893	$79,742,221	$2,557,672	$121,181,683	1
25	15,440	4	2,134	2	318	3,569	2,479	168	922	------	30,724	30,679	45	61,373	2
94	30,134	236	44,200	------	------	46,754	8,528	1,924	36,302	------	3,081,840	3,076,979	4,861	3,443,468	3
42	17,495	------	------	2	172	1,732	1,380	175	177	------	12,070	12,010	60	51,310	4
25	11,047	------	------	4	452	6,953	4,834	146	1,973	------	17,903	17,240	663	55,675	5
376	154,980	------	------	8	1,096	25,401	17,288	2,586	5,027	500	175,266	162,725	12,541	592,822	6
39	21,160	4	1,122	5	740	4,405	1,916	150	2,339	------	21,338	21,006	332	64,192	7
195	50,927	1	250	3	345	23,305	17,886	1,149	1,970	2,300	91,764	91,730	34	242,738	8
326	133,500	37	8,108	34	3,396	21,062	4,405	1,403	15,254	------	442,002	435,606	6,396	660,987	9
20	5,580	61	10,920	6	600	3,813	2,100	43	1,670	------	42,880	42,380	500	81,000	10
107	34,280	------	------	------	------	15,202	2,067	104	13,031	------	121,084	118,472	2,612	230,300	11

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
12	Bread and other bakery products	157	$931,542	$91,500	$142,075	$433,328	$264,639	168	89	$53,998	926	$296,191
13	Brick and tile	58	672,138	182,255	209,280	112,901	167,702	66	43	25,935	1,044	260,633
14	Brooms and brushes	8	16,090	1,000	1,000	4,475	9,615	8	3	2,050	65	24,763
15	Carpentering	65	144,987	29,100	27,300	22,895	65,692	67	8	1,974	309	147,880
16	Carriages and wagons	49	264,647	54,220	45,530	41,486	123,411	60	13	8,359	291	120,906
17	Cars and general shop construction and repairs by steam railroad companies.	19	782,588	72,750	201,539	260,864	247,435	-------	43	46,344	1,378	800,398
18	Clothing, men's, custom work and repairing.	84	205,384	8,750	16,275	14,100	166,259	97	15	9,330	298	127,490
19	Clothing, men's, factory product	25	1,167,806	10,500	20,000	46,840	1,090,466	44	112	99,450	2,052	389,405
20	Clothing, women's, dressmaking	29	48,043	6,450	10,850	4,953	25,790	30	5	1,740	142	27,757
21	Clothing, women's, factory product	14	460,295	202,400	155,500	19,570	82,825	15	18	16,310	509	232,409
22	Coffee and spice, roasting and grinding	9	282,951	4,000	8,000	34,699	236,252	11	45	49,370	50	20,469
23	Confectionery	24	179,177	26,000	37,200	36,224	79,753	29	21	9,358	129	45,853
24	Cooperage	86	400,543	72,495	73,005	45,160	209,883	90	34	22,748	480	171,118
25	Cordials and sirups	6	63,310	5,500	16,805	15,505	25,500	7	23	6,480	14	5,938
26	Cotton, compressing	4	375,300	92,637	157,145	120,657	4,861	-------	19	20,412	132	23,140
27	Cotton, ginning[1]	952	1,762,587	44,253	428,084	1,249,362	40,888	1,054	111	9,039	1,119	132,612
28	Dyeing and cleaning	22	36,432	5,250	10,250	11,882	9,050	22	4	1,606	41	13,855
29	Electrical construction and repairs	13	91,535	-------	-------	10,428	81,107	12	26	16,768	77	36,196
30	Electroplating	3	9,613	-------	-------	5,032	4,581	6	2	1,380	13	6,305
31	Fertilizers	6	1,290,162	46,894	292,356	181,420	769,492	-------	27	51,107	278	87,256
32	Fish, canning and preserving	6	186,689	10,150	35,121	33,538	107,880	12	8	9,500	236	44,710
33	Flouring and grist mill products	69	121,281	10,945	30,871	47,855	31,610	75	2	2,100	70	11,536
34	Food preparations	8	47,474	2,200	16,800	13,290	15,184	10	8	4,680	35	13,624
35	Foundry and machine shop products	69	2,949,113	301,683	244,173	606,703	1,796,554	78	112	147,939	1,313	654,053
36	Furniture, cabinetmaking, repairing, and upholstering.	57	161,035	72,500	29,800	13,239	45,496	60	6	2,576	115	54,308
37	Furniture, factory product	7	257,920	22,250	44,569	47,568	143,533	15	17	11,260	241	80,582
38	Gas, illuminating and heating	3	1,706,847	73,171	107,233	1,364,171	162,272	-------	34	37,143	61	40,665
39	Grease and tallow	4	17,430	1,300	5,500	3,700	6,930	8	3	2,000	18	6,500
40	Hairwork	4	1,975	-------	-------	255	1,720	4	-------	-------	1	300
41	Ice, manufactured	34	2,232,961	386,779	486,881	1,259,066	100,235	15	74	65,590	289	121,567
42	Ironwork, architectural and ornamental.	9	97,349	8,300	9,200	9,700	70,149	10	1	600	60	24,730
43	Leather, tanned, curried, and finished	3	6,193	1,960	858	925	2,450	3	-------	-------	4	1,341
44	Liquors, malt	5	3,299,326	355,110	1,097,483	500,178	1,346,555	-------	57	87,556	374	224,985
45	Lock and gun smithing	29	18,330	2,600	1,300	6,679	7,751	31	-------	-------	14	5,164
46	Looking-glass and picture frames	11	25,710	-------	-------	2,010	23,700	18	6	5,000	16	8,979
47	Lumber and timber products	432	20,093,044	6,625,622	1,309,580	4,516,161	7,641,681	522	568	565,123	10,171	3,337,020
48	Lumber, planing mill products, including sash, doors, and blinds.	28	1,040,035	126,932	123,713	259,760	529,630	30	67	64,117	881	323,446
49	Marble and stone work	3	2,470	-------	150	270	2,050	3	-------	-------	7	4,140
50	Masonry, brick and stone	17	554,285	8,700	13,000	82,565	450,020	19	23	21,700	736	445,240
51	Mattresses and spring beds	10	55,785	11,350	11,195	6,913	26,327	9	9	4,680	116	21,062
52	Millinery, custom work	61	120,556	15,355	31,475	4,675	69,051	65	55	15,142	203	44,785
53	Mineral and soda waters	37	273,385	19,150	27,307	132,711	94,217	31	36	21,270	152	55,066
54	Monuments and tombstones	15	80,953	8,300	16,425	11,615	44,613	18	5	7,710	83	33,732
55	Oil, cottonseed and cake	24	4,622,569	274,093	780,819	1,671,024	1,896,633	5	164	159,210	1,317	347,051
56	Oysters, canning and preserving	3	64,250	4,900	31,200	8,700	19,450	5	9	6,540	97	33,915
57	Painting, house, sign, etc	36	66,240	4,250	13,350	10,180	38,460	37	4	2,460	214	92,435
58	Paints	3	140,491	21,500	18,600	32,499	67,892	3	13	14,242	21	10,116
59	Paper hanging	4	9,645	1,000	2,200	195	6,250	5	1	300	17	7,750
60	Patent medicines and compounds	9	478,743	10,000	40,000	12,567	416,176	4	79	131,966	159	64,605
61	Paving and paving materials	6	354,260	15,751	8,000	23,509	307,000	7	7	8,220	220	133,301
62	Photography	34	58,250	450	1,405	31,630	24,765	38	12	4,476	58	28,288
63	Pickles, preserves, and sauces	6	34,325	2,500	6,500	3,475	21,850	10	9	6,000	65	13,542
64	Plastering and stuccowork	4	4,275	700	1,300	425	1,850	4	-------	-------	19	6,208
65	Plumbing, and gas and steam fitting	34	360,820	31,500	42,563	11,307	275,450	39	38	34,608	172	89,602
66	Pottery, terra cotta, and fire-clay products.	3	10,865	5,250	2,500	1,750	1,365	4	1	700	20	6,388
67	Printing and publishing, book and job	57	525,875	8,600	12,000	326,067	179,208	58	64	57,793	456	185,182
68	Printing and publishing, newspapers and periodicals.	134	1,132,148	83,700	88,205	542,297	417,946	123	127	129,937	873	532,895
69	Rice, cleaning and polishing	37	1,818,144	119,109	450,260	522,250	726,525	26	126	141,122	412	180,523
70	Roofing and roofing materials	17	158,483	31,000	9,039	11,885	106,559	21	19	13,312	163	47,901
71	Saddlery and harness	52	449,211	10,450	15,300	33,950	389,511	58	52	54,310	218	107,335
72	Sewing machine repairing	8	6,300	1,300	3,300	195	1,505	6	1	240	3	980
73	Ship and boat building, wooden	15	212,643	125,850	19,100	35,814	31,879	10	23	15,232	247	105,196
74	Shirts	6	44,345	-------	-------	3,820	40,525	7	5	2,110	130	24,396
75	Soap and candles	4	147,200	46,500	42,200	25,250	33,250	2	13	15,416	37	25,125
76	Stencils and brands	3	11,640	-------	-------	6,600	5,040	4	-------	-------	6	4,340

[1] Does not include many ginneries operated in connection with saw, grist, and cottonseed-oil mills, or for the use exclusively of plantations on which they are located. For the full number of ginneries in operation reference should be made to the special report on cotton ginning.

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
680	$261,287	222	$31,626	24	$3,278	$114,867	$37,437	$11,832	$65,548	$50	$1,393,789	$1,355,744	$38,045	$2,295,753	12
944	248,423	2	480	98	11,730	47,404	4,280	3,450	36,324	3,350	102,476	9,974	92,502	531,588	13
56	23,768	4	520	5	475	1,272	832	20	420	------	59,456	59,216	240	119,220	14
305	147,112	------	------	4	768	100,878	3,527	1,747	4,031	91,573	220,122	219,726	396	576,525	15
285	119,835	------	------	6	1,071	12,915	6,841	1,752	4,047	275	132,072	126,114	5,958	369,431	16
1,377	800,299	------	------	1	99	19,699	1,348	10,082	8,269	------	562,658	548,788	13,870	1,429,099	17
234	116,252	61	10,932	3	306	31,544	22,949	1,581	6,794	220	187,718	186,967	751	479,351	18
251	112,609	1,730	271,376	71	5,420	84,679	21,023	2,814	52,942	7,900	1,170,767	1,164,423	6,344	2,047,069	19
2	1,000	135	26,585	5	172	15,524	6,540	204	680	8,100	63,871	63,815	56	126,422	20
------	------	482	228,399	27	4,010	15,545	2,724	373	12,448	------	485,631	485,361	270	849,823	21
32	17,681	16	2,706	2	82	38,010	5,417	1,084	31,509	------	524,608	518,275	6,333	666,713	22
94	39,159	32	6,594	3	100	25,216	15,524	2,737	6,955	------	195,453	192,315	3,138	353,157	23
478	170,818	------	------	2	300	26,967	7,227	2,534	14,078	3,128	435,260	434,092	1,168	789,401	24
13	5,838	------	------	1	100	4,540	1,500	575	2,465	------	155,999	155,530	469	192,433	25
132	23,140	------	------	------	------	10,967	------	6,017	4,950	------	16,827	8,490	8,337	104,962	26
1,115	132,478	------	------	4	134	32,925	3,321	10,502	18,862	240	360,007	307,863	52,144	1,129,371	27
26	10,325	14	3,426	1	104	7,086	4,384	423	2,279	------	8,308	6,206	2,102	51,494	28
75	35,884	------	------	2	312	11,755	4,454	196	6,905	200	99,166	98,528	638	213,231	29
11	6,105	------	------	2	200	1,570	1,410	35	125	------	6,675	6,375	300	20,396	30
259	83,656	19	3,600	------	------	103,720	265	1,116	102,339	------	614,431	596,461	17,970	909,551	31
45	22,450	161	21,260	30	1,000	6,408	------	2,239	4,169	------	67,583	65,368	2,215	144,379	32
64	11,420	------	------	6	116	2,717	50	1,040	1,602	25	325,297	321,465	3,832	388,326	33
34	13,394	------	------	1	230	2,471	1,884	387	200	------	41,904	38,153	3,751	86,605	34
1,308	653,317	1	381	4	355	97,441	12,109	6,453	77,877	1,002	1,283,939	1,245,765	38,174	2,672,761	35
103	51,750	8	2,031	4	522	11,931	9,632	738	1,541	20	45,328	45,020	308	163,047	36
240	80,532	------	------	1	50	19,654	1,293	775	17,586	------	137,465	135,939	1,526	319,723	37
61	40,665	------	------	------	------	104,234	------	57,214	47,020	------	71,114	65,002	6,112	455,335	38
18	6,500	------	------	------	------	1,037	324	193	520	------	46,943	46,210	733	61,500	39
1	300	------	------	------	------	1,007	960	5	42	------	1,545	1,545	------	4,175	40
282	120,765	1	240	6	562	83,733	756	15,012	67,965	------	185,536	62,648	122,888	570,600	41
58	24,360	------	------	2	370	3,373	1,388	230	1,755	------	45,399	44,686	713	92,125	42
4	1,341	------	------	------	------	78	------	44	34	------	6,355	6,355	------	10,157	43
353	221,195	7	1,360	14	2,430	792,468	------	42,621	749,847	------	403,440	348,541	54,899	1,472,062	44
14	5,164	------	------	------	------	4,820	4,306	97	171	246	15,255	15,117	138	41,295	45
15	8,738	1	241	------	------	8,026	4,291	318	3,067	350	35,207	35,207	------	69,148	46
10,062	3,317,967	1	400	108	18,653	505,025	13,873	82,199	408,953	------	9,449,678	9,449,106	572	17,408,513	47
867	321,941	------	------	14	1,505	45,109	2,635	3,121	39,353	------	855,165	849,419	5,746	1,573,481	48
7	4,140	------	------	------	------	938	618	15	305	------	5,720	5,720	------	17,600	49
736	445,240	------	------	------	------	137,769	1,358	2,348	8,963	125,100	667,335	662,135	5,200	1,288,110	50
70	16,214	21	2,948	25	1,900	3,972	2,592	334	946	100	113,574	112,139	1,435	161,944	51
2	1,130	194	42,936	7	719	36,853	16,436	1,882	18,535	------	192,901	192,854	47	366,996	52
137	53,045	1	830	14	1,191	27,678	4,337	1,853	21,457	31	107,565	103,934	3,631	285,357	53
83	33,732	------	------	------	------	5,263	1,620	675	2,938	30	65,753	64,793	960	138,672	54
1,308	343,889	9	3,162	------	------	295,358	2,400	51,421	241,495	42	5,792,469	5,667,426	125,043	7,026,452	55
81	32,165	7	1,000	9	750	3,123	------	463	2,660	------	109,205	108,405	800	165,458	56
210	91,795	------	------	4	640	8,420	6,121	445	1,354	500	77,414	77,358	56	232,909	57
19	9,544	2	572	------	------	19,452	------	815	18,637	------	82,271	80,155	2,116	132,102	58
17	7,750	------	------	------	------	1,517	584	49	884	------	5,049	5,049	------	19,587	59
93	49,307	58	14,110	8	1,188	80,763	5,460	5,478	69,825	------	265,008	264,182	826	752,101	60
220	133,301	------	------	------	------	1,525	120	903	502	------	283,304	272,404	10,900	476,937	61
46	24,706	8	2,920	4	662	17,991	14,249	287	3,455	------	34,770	34,665	105	124,060	62
33	10,632	29	2,560	3	350	2,609	1,260	224	1,125	------	75,115	74,445	670	117,388	63
19	6,208	------	------	------	------	690	408	57	25	200	4,740	4,740	------	16,010	64
168	89,014	------	------	4	588	36,723	11,151	2,977	22,020	575	327,027	325,884	1,143	568,442	65
17	6,208	------	------	3	180	585	150	5	430	------	5,517	3,485	2,032	21,877	66
385	174,769	41	7,099	30	3,314	49,789	22,528	2,545	14,039	10,677	154,212	143,211	11,001	583,970	67
766	508,281	52	18,262	55	6,352	161,383	19,055	6,581	106,179	29,568	307,421	290,490	16,931	1,436,738	68
400	176,980	------	------	12	3,543	162,104	4,410	17,394	131,503	8,797	4,954,135	4,881,602	72,533	5,736,451	69
163	47,901	------	------	------	------	12,906	2,804	1,267	8,335	500	155,812	154,940	872	248,857	70
204	105,653	------	------	14	1,682	24,716	14,454	1,593	8,549	120	478,261	475,197	3,064	801,449	71
3	980	------	------	------	------	617	444	73	------	100	1,475	1,475	------	6,000	72
247	105,196	------	------	------	------	9,732	2,127	2,372	5,233	------	71,621	68,951	2,670	250,307	73
6	3,138	124	21,258	------	------	3,691	1,790	101	1,800	------	74,550	74,160	390	140,050	74
36	24,909	------	------	1	216	3,014	12	872	2,130	------	18,498	116,459	2,039	185,600	75
6	4,340	------	------	------	------	2,673	1,940	------	683	50	1,909	1,909	------	10,100	76

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
77	Sugar and molasses, refining	384	$52,799,105	$2,211,743	$6,393,871	$24,556,664	$19,636,827	468	1,056	$436,109	6,504	$2,833,222
78	Tinsmithing, coppersmithing, and sheet-iron working.	99	442,951	47,225	49,190	86,691	259,845	105	30	27,540	377	165,416
79	Tobacco, chewing, smoking, and snuff	3	314,875	11,000	30,500	57,847	215,528	1	34	45,225	284	71,620
80	Tobacco, cigars and cigarettes	34	510,433	36,300	79,175	39,716	355,242	39	27	48,240	1,200	407,087
81	Trunks and valises	6	34,987			3,575	31,412	6	6	4,400	40	20,956
82	Turpentine and rosin	10	74,539	34,550	8,240	16,125	15,624	15	8	3,490	302	54,180
83	Upholstering materials	14	114,050	10,500	10,150	18,100	75,300	20	4	3,170	139	31,843
84	Watch, clock, and jewelry repairing	93	176,035	11,975	22,500	46,173	95,387	111	11	6,262	105	57,974
85	Wood, turned and carved	3	10,580	2,000	3,150	4,450	980	2	1	600	14	5,074
86	All other industries[1]	90	3,591,687	498,979	841,389	1,431,344	819,975	90	113	99,391	2,122	614,769

[1] Embraces artificial feathers and flowers, 2; axle grease, 1; baking and yeast powders, 2; bluing, 1; boot and shoe uppers, 2; bottling, 2; boxes, cigar, 2; brass castings and brass finishing, 2; carriage and wagon materials, 1; cars and general shop construction and repairs by street railroad companies, 2; chocolate and cocoa products, 1; coffins, burial cases, and undertakers' goods, 2; corsets, 1; cotton goods, 2; cutlery and edge tools, 2; electrical apparatus and supplies, 2; engraving and diesinking, 2; engraving, steel, including plate printing, 2; fireworks, 2; flags and banners, 1; flavoring extracts, 2; furnishing goods, men's, 1; gas machines and meters, 2; glass, cutting, staining, and ornamenting, 2; hand stamps, 2; hats and caps, not including fur hats and wool hats, 2; hosiery and knit goods, 1; house furnishing goods, not elsewhere specified, 1; instruments, professional and scientific, 2; jewelry, 1; liquors, distilled, 1; lithographing and engraving, 1;

TABLE 8.—MANUFACTURES IN NEW ORLEANS

1	All industries[1]	1,524	$46,003,604	$4,705,321	$5,519,064	$10,760,407	$25,018,812	1,657	1,837	$1,819,458	19,435	$7,645,167
2	Awnings, tents, and sails	6	24,300	2,000	2,000	1,700	18,600	7	6	3,200	31	17,892
3	Bags, other than paper	5	819,310			27,510	791,800	4	43	27,782	330	74,334
4	Baskets, and rattan and willow ware	7	19,287	2,700	3,500	387	12,700	7	6	4,000	44	17,667
5	Bicycle and tricycle repairing	12	6,796			3,971	2,825	16			18	7,073
6	Blacksmithing and wheelwrighting	97	121,355	35,260	26,000	20,788	39,307	111	4	1,644	209	92,573
7	Bookbinding and blank book making	8	38,500	2,000	1,800	20,100	14,600	8	24	7,250	48	23,022
8	Boots and shoes, custom work and repairing.	100	112,723	17,475	34,600	13,109	47,539	104	5	1,718	175	42,344
9	Boots and shoes, factory product	12	289,345	13,000	25,700	72,933	177,712	20	27	26,360	397	145,004
10	Boxes, fancy and paper	3	21,000			7,500	13,500	3	6	4,400	87	17,100
11	Boxes, wooden packing	4	82,356	8,000	6,500	17,500	50,356	3	12	11,192	103	33,830
12	Bread and other bakery products	127	873,420	79,050	124,200	423,253	246,917	137	88	53,098	871	280,108
13	Brooms and brushes	7	15,965	1,000	1,000	4,375	9,590	7	3	2,050	65	24,763
14	Carpentering	48	133,087	26,050	24,175	20,045	62,817	53	8	1,974	281	135,555
15	Carriages and wagons	24	149,489	30,600	26,550	22,019	70,320	31	8	5,618	221	93,514
16	Cars and general shop construction and repairs by steam railroad companies.	6	472,485	22,650	110,740	162,266	176,829		21	24,389	915	550,057
17	Clothing, men's, custom work and repairing.	57	177,060	6,700	13,175	9,695	147,490	67	15	9,330	217	104,100
18	Clothing, men's, factory product	24	1,154,956	10,500	29,000	46,465	1,077,991	43	112	99,450	2,045	386,809
19	Clothing, women's, dressmaking	20	41,795	6,000	9,500	3,785	22,510	21	5	1,740	114	22,132
20	Clothing, women's, factory product	14	460,295	202,400	155,500	19,570	82,825	15	18	16,310	509	232,409
21	Coffee and spice, roasting and grinding	9	282,951	4,000	8,000	34,699	236,252	11	45	49,370	50	20,469
22	Confectionery	18	154,086	26,000	37,000	24,498	66,588	23	20	8,458	99	36,247
23	Cooperage	55	245,017	53,150	48,800	25,885	117,182	60	26	17,618	317	120,830
24	Cordials and sirups	6	63,310	5,500	16,805	15,505	25,500	7	23	6,480	14	5,938
25	Dyeing and cleaning	18	35,645	5,250	10,250	11,670	8,475	18	4	1,606	37	13,025
26	Electrical construction and repairs	13	91,535			10,428	81,107	12	26	16,768	77	36,196
27	Electroplating	3	9,613			5,032	4,581	6	2	1,380	13	6,305
28	Fertilizers	3	948,051	31,894	248,929	75,396	591,832		16	37,060	202	58,484
29	Food preparations	8	47,474	2,200	16,800	13,290	15,184	10	8	4,680	35	13,624
30	Foundry and machine shop products	39	2,235,868	242,023	170,523	437,708	1,385,614	42	84	120,593	1,015	525,783
31	Furniture, cabinetmaking, repairing, and upholstering.	47	153,013	72,000	28,800	11,244	40,969	50	6	2,576	108	51,213
32	Furniture, factory product	6	256,420	22,250	44,569	46,568	143,033	13	17	11,260	238	78,152
33	Hairwork	4	1,975			255	1,720	4			1	300
34	Ice, manufactured	10	1,538,230	319,400	353,900	833,280	31,650	1	28	38,180	135	48,610
35	Ironwork, architectural and ornamental.	9	97,349	8,300	9,200	9,700	70,149	10	1	600	60	24,730
36	Liquors, malt	6	3,299,326	355,110	1,097,483	500,178	1,346,555		57	87,556	374	224,985
37	Lock and gun smithing	26	16,930	2,400	900	6,129	7,501	27			12	4,634
38	Looking-glass and picture frames	10	24,660			1,760	22,900	17	6	5,000	15	8,790
39	Lumber and timber products	9	1,269,450	242,632	91,502	266,001	669,315	10	62	77,064	466	182,084
40	Lumber, planing mill products, including sash, doors, and blinds.	9	485,957	98,772	60,975	130,762	195,448	10	29	27,182	321	127,157
41	Masonry, brick and stone	14	549,758	8,000	12,000	81,815	447,943	16	23	21,700	677	429,200
42	Mattresses and spring beds	9	44,785	10,700	8,800	4,566	20,719	9	7	2,280	108	18,082
43	Millinery, custom work	29	73,750	9,250	22,475	3,200	38,825	29	53	14,217	173	33,547
44	Mineral and soda waters	11	119,407	13,800	13,800	40,689	51,718	5	19	15,290	88	35,327
45	Monuments and tombstones	11	66,345	4,000	14,100	10,880	37,365	12	3	6,940	74	28,312
46	Oil, cottonseed and cake	5	670,736	30,954	74,265	181,731	383,786		18	23,625	158	64,786
47	Painting, house, sign, etc	31	62,160	4,000	12,600	9,535	36,025	31	3	1,960	195	87,215
48	Paints	3	140,491	21,500	18,600	32,499	67,892	3	13	14,242	21	10,116
49	Paper hanging	4	9,645	1,000	2,200	195	6,250	5	1	300	17	7,750
50	Patent medicines and compounds	7	473,538	10,000	40,000	11,542	411,996	4	72	130,130	154	63,529
51	Paving and paving materials	6	354,260	15,751	8,000	23,509	307,000	7	7	8,220	220	133,301

[1] Does not include cotton compressing.

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
6,229	$2,782,107	124	$27,774	151	$23,341	$2,616,085	$29,444	$439,046	$1,865,977	$281,618	$40,711,598	$39,017,668	$1,693,930	$47,891,691	77
368	163,700			9	1,716	49,334	14,407	2,646	32,251	30	412,322	406,267	6,055	786,525	78
81	34,357	186	35,228	17	2,035	460,888	1,616	4,276	454,996		421,508	419,822	1,686	1,083,524	79
807	348,044	384	58,180	9	863	213,588	11,364	5,196	196,948	80	506,258	502,764	3,494	1,407,083	80
34	19,708			6	1,248	7,096	2,670	125	4,301		29,001	28,851	150	91,450	81
295	53,910			7	270	959		424	235	300	33,275	30,921	2,354	115,324	82
103	25,135	33	6,353	3	355	6,056	1,771	565	3,720		273,455	270,117	3,338	368,512	83
92	55,926	1	364	12	1,684	21,011	14,954	1,379	3,967	711	63,805	62,255	1,550	236,926	84
14	5,074					401		64	337		2,438	2,128	310	10,284	85
879	392,638	934	188,365	309	33,766	963,787	25,252	9,142	929,343	50	1,464,284	1,404,625	59,659	3,606,803	86

millinery and lace goods, 1; mirrors, 1; mucilage and paste, 1; musical instruments and materials, not specified, 1; optical goods, 2; perfumery and cosmetics, 2; photolithographing and photoengraving, 1; plated and britannia ware, 1; plumbers' supplies, 2; printing and publishing, music, 1; printing materials, 1; refrigerators, 2; regalia and society banners and emblems, 2; safes and vaults, 1; salt, 2; scales and balances, 1; show cases, 1; steam fittings and heating apparatus, 1; steam packing, 2; stereotyping and electrotyping, 1; surgical appliances, 2; taxidermy, 1; umbrellas and canes, 2; varnish, 1; vinegar and cider, 1; wirework, including wire rope and cable, 2; wood, preserving, 2.

BY SPECIFIED INDUSTRIES: 1900.

13,582	$6,517,494	5,135	$1,045,171	718	$82,502	$4,759,877	$402,741	$296,591	$3,771,782	$288,763	$43,361,525	$42,635,031	$726,494	$63,514,505	1
25	15,440	4	2,134	2	318	3,569	2,479	168	922		30,724	30,679	45	61,373	2
94	30,134	236	44,200			46,754	8,528	1,924	36,302		3,081,840	3,076,979	4,861	3,443,468	3
42	17,495			2	172	1,732	1,380	175	177		12,070	12,010	60	51,310	4
16	6,867			2	206	4,310	3,396	56	858		9,207	8,690	517	29,845	5
205	91,949			4	624	15,899	12,508	1,895	1,721	275	91,147	87,348	3,799	288,684	6
39	21,160	4	1,122	5	740	4,405	1,916	150	2,339		21,338	21,006	332	64,192	7
172	41,999			3	345	19,971	15,138	1,002	1,531	2,300	72,262	72,248	14	192,260	8
326	133,500	37	8,108	34	3,396	21,062	4,405	1,403	15,254		442,002	435,606	6,396	660,987	9
20	5,580	61	10,920	6	600	3,813	2,100	43	1,670		42,880	42,380	500	81,000	10
103	33,830					14,922	1,867	24	13,031		117,142	114,642	2,500	222,400	11
633	246,029	221	31,626	17	2,453	108,700	33,838	11,282	63,580		1,307,615	1,272,394	35,221	2,135,738	12
56	23,768	4	520	5	475	1,212	772	20	420		59,156	58,916	240	118,620	13
277	134,787			4	768	99,861	3,334	1,676	3,678	91,173	202,402	202,084	318	527,939	14
218	93,116			3	398	9,705	6,195	1,236	1,999	275	93,826	89,669	4,157	269,491	15
915	550,057					7,499	1,348	4,739	1,412		347,663	340,379	7,284	929,608	16
196	95,396	48	8,398	3	306	24,018	18,007	1,397	4,394	220	139,270	138,582	688	368,596	17
250	111,335	1,724	270,054	71	5,420	81,774	20,568	2,814	50,492	7,900	1,164,267	1,157,923	6,344	2,036,069	18
2	1,000	106	20,960	6	172	14,864	6,095	191	478	8,100	59,700	59,700		111,480	19
		482	228,399	27	4,010	15,545	2,724	373	12,448		485,631	485,361	270	849,823	20
32	17,681	16	2,706	2	82	38,010	5,417	1,084	31,509		524,608	518,275	6,333	666,713	21
77	31,913	19	4,234	3	100	21,690	12,834	2,671	6,185		150,713	148,317	2,396	282,637	22
315	120,530			2	300	18,812	6,472	1,527	10,357	456	265,412	264,796	616	515,835	23
13	5,838			1	100	4,540	1,500	575	2,465		155,999	155,530	469	192,433	24
25	9,915	11	3,006	1	104	6,146	3,480	423	2,243		8,045	6,006	2,039	47,030	25
75	35,884			2	312	11,755	4,454	196	6,905	200	99,166	98,528	638	213,231	26
11	6,105			2	200	1,570	1,410	35	125		6,675	6,375	300	20,396	27
183	54,884	19	3,600			81,439		727	80,712		488,913	476,043	12,870	695,696	28
34	13,394			1	230	2,471	1,884	387	200		41,904	38,153	3,751	86,605	29
1,013	525,555			2	228	72,313	10,426	4,926	56,151	810	1,092,119	1,065,734	26,385	2,199,854	30
96	48,660	8	2,031	4	522	10,576	8,743	662	1,151	20	41,616	41,344	272	151,162	31
237	78,102			1	50	19,374	1,113	775	17,486		135,109	133,799	1,310	312,923	32
1	300					1,007	960	5	42		1,545	1,545		4,175	33
134	48,370	1	240			52,438	420	10,429	41,589		116,396	42,055	74,341	308,683	34
58	24,360			2	370	3,373	1,388	230	1,755		45,399	44,686	713	92,125	35
353	221,195	7	1,360	14	2,430	792,468		42,621	749,847		403,440	348,541	54,899	1,472,062	36
12	4,634					4,429	3,976	82	125	246	14,499	14,367	132	38,310	37
14	8,628	1	162			7,509	4,126	316	3,067		34,902	34,902		67,748	38
466	182,084					64,475	500	9,324	54,651		828,894	828,894		1,343,462	39
321	127,157					29,841	1,645	1,595	26,601		277,191	276,160	1,031	552,251	40
677	429,200					137,689	1,305	2,327	8,957	125,100	612,015	606,815	5,200	1,204,750	41
64	13,624	19	2,558	25	1,900	3,372	2,592	334	446		107,949	106,664	1,285	149,064	42
		166	32,828	7	719	28,820	12,281	1,455	15,084		144,502	144,502		267,962	43
84	34,622	1	470	3	235	16,001	2,444	972	12,585		61,393	60,149	1,244	160,165	44
74	28,312					4,575	1,620	628	2,297	30	58,898	57,938	960	121,703	45
149	61,624	9	3,162			65,376	2,400	5,669	57,307		832,522	817,070	15,452	1,043,623	46
191	86,575			4	640	7,690	5,797	412	981	500	67,719	67,663	56	212,209	47
19	9,544	2	572			19,452		815	18,637		82,271	80,155	2,116	132,102	48
17	7,750					1,517	584	49	884		5,049	5,049		19,587	49
88	48,231	58	14,110	8	1,188	78,907	4,860	5,478	68,569		259,972	259,182	790	730,731	50
220	133,301					1,525	120	903	502		283,304	272,404	10,900	476,937	51

TABLE 8.—MANUFACTURES IN NEW ORLEANS

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES AND TOWNS.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
52	Photography	20	$48,060		$150	$24,750	$23,160	22	12	$4,476	50	$25,538
53	Pickles, preserves, and sauces	5	19,075	$2,500	1,500	3,225	11,850	9	8	4,800	50	9,992
54	Plastering and stuccowork	4	4,275	700	1,300	425	1,850	4			19	6,208
55	Plumbing, and gas and steam fitting	27	327,330	28,000	38,463	7,078	253,789	32	37	34,518	149	75,582
56	Pottery, terra cotta, and fire-clay products.	3	10,865	5,250	2,500	1,750	1,365	4	1	700	20	6,388
57	Printing and publishing, book and job	51	507,670	8,600	12,000	312,382	174,688	53	61	57,218	452	183,062
58	Printing and publishing, newspapers and periodicals.	36	794,066	68,200	60,015	357,275	308,576	31	110	114,587	620	428,819
59	Rice, cleaning and polishing	9	855,234	70,000	202,000	265,000	318,234	11	51	64,303	153	78,346
60	Roofing and roofing materials	15	157,133	31,000	8,539	11,585	106,009	17	18	13,092	161	46,701
61	Saddlery and harness	32	413,196	7,150	11,550	28,765	365,731	40	48	51,910	192	98,201
62	Sewing machine repairing	4	300			95	205	4				
63	Ship and boat building, wooden	6	171,847	114,600	13,500	23,314	20,433	2	19	11,032	137	57,402
64	Shirts	6	44,345			3,820	40,525	7	5	2,110	130	24,396
65	Soap and candles	4	147,200	46,500	42,200	25,250	33,250	2	13	15,416	37	25,125
66	Stencils and brands	3	11,640			6,600	5,040	4			6	4,340
67	Sugar and molasses, refining	10	17,773,184	1,888,321	1,291,743	3,196,175	11,396,945	16	118	122,653	781	407,859
68	Tinsmithing, coppersmithing, and sheet-iron working.	74	392,965	40,450	45,890	69,416	237,209	75	28	26,820	308	128,732
69	Tobacco, cigars and cigarettes	27	502,518	35,100	78,300	38,996	350,122	30	26	47,520	1,176	402,934
70	Trunks and valises	6	34,987			3,575	31,412	6	6	4,400	40	20,956
71	Upholstering materials	8	96,900	6,000	7,500	13,800	69,600	10	4	3,170	117	27,905
72	Watch, clock, and jewelry repairing	57	109,535	7,500	13,100	30,508	58,427	68	9	4,852	82	47,874
73	All other industries[1]	98	4,746,020	260,229	632,598	2,580,103	1,273,090	101	173	182,041	2,571	739,800

[1] Embraces artificial feathers and flowers, 2; axle grease, 1; baking and yeast powders, 2; bluing, 1; boot and shoe uppers, 2; bottling, 2; boxes, cigar, 2; brass castings and brass finishing, 2; brick and tile, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by street railroad companies, 2; chocolate and cocoa products, 1; coffins, burial cases, and undertakers' goods, 1; corsets, 1; cotton goods, 2; cutlery and edge tools, 2; electrical apparatus and supplies, 2; engraving and diesinking, 2; engraving, steel, including plate printing, 2; fireworks, 2; fish, canning and preserving, 2; flags and banners, 1; flavoring extracts, 2; flouring and grist mill products, 1; furnishing goods, men's, 1; gas, illuminating and heating, 1; gas machines and meters, 2; glass, cutting, staining, and ornamenting, 2; hand stamps, 2; hats and caps, not including fur hats and wool hats, 2; hosiery and knit goods, 1; house furnishing goods, not elsewhere

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and towns	181	$6,297,350	$1,018,032	$943,790	$2,130,358	$2,205,170	159	226	$203,498	2,558	$912,711
2	Baton Rouge	27	778,570	53,990	123,757	347,731	253,092	22	40	31,782	302	110,855
3	Gretna	16	2,774,077	221,239	463,052	1,009,019	1,080,767	10	72	67,878	791	196,014
4	Plaquemine	23	1,048,364	497,509	35,700	131,430	383,725	21	25	25,194	446	192,280
5	Shreveport	115	1,696,339	245,294	321,281	642,178	487,586	106	89	78,644	1,014	413,562

BY SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.										Value of products, including custom work and repairing.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
41	$22,546	5	$2,330	4	$662	$16,523	$13,154	$243	$3,126	----------	$29,912	$29,847	$65	$102,830	52
22	7,632	28	2,360	------	----------	1,759	1,140	194	425	----------	55,915	55,545	370	74,388	53
19	6,208	------	----------	------	----------	690	408	57	25	$200	4,740	4,740	----------	16,010	54
145	74,994	------	----------	4	588	34,043	9,902	2,751	20,815	575	296,560	295,565	995	514,270	55
17	6,208	------	----------	3	180	585	150	5	430	----------	5,517	3,485	2,032	21,877	56
381	172,649	41	7,099	30	3,314	48,889	22,022	2,500	13,690	10,677	150,577	139,679	10,898	573,987	57
572	415,160	29	11,172	19	2,487	139,327	9,660	5,017	95,232	29,418	246,335	232,679	13,656	1,114,879	58
146	75,323	------	----------	7	3,023	78,941	4,200	12,538	53,406	8,797	2,602,555	2,565,147	37,408	2,924,564	59
161	46,701	------	----------	------	----------	12,681	2,684	1,262	8,235	500	148,638	147,823	815	238,357	60
179	96,669	------	----------	13	1,532	20,681	11,878	1,344	7,339	120	456,013	452,984	3,029	739,941	61
------	----------	------	----------	------	----------	444	444	----------	----------	----------	475	475	----------	3,000	62
137	57,402	------	----------	------	----------	8,953	2,040	2,250	4,663	----------	25,773	23,246	2,527	132,771	63
6	3,138	124	21,258	------	----------	3,691	1,790	101	1,800	----------	74,550	74,160	390	140,050	64
36	24,909	------	----------	1	216	3,014	12	872	2,130	----------	118,498	116,459	2,039	185,600	65
5	4,340	------	----------	------	----------	2,673	1,940	----------	683	50	1,909	1,909	----------	10,100	66
781	407,859	------	----------	------	----------	474,039	4,600	58,974	410,465	----------	20,948,723	20,675,680	273,043	22,684,920	67
299	127,016	------	----------	9	1,716	45,089	11,903	2,365	30,791	30	350,200	344,773	5,427	652,249	68
797	344,701	376	57,905	3	328	210,620	10,893	5,168	194,479	80	499,411	495,947	3,464	1,388,305	69
34	19,708	------	----------	6	1,248	7,096	2,670	125	4,301	----------	29,001	28,851	150	91,450	70
88	22,395	27	5,350	2	160	5,563	1,593	440	3,530	----------	256,550	253,745	2,805	340,785	71
69	45,876	1	364	12	1,634	15,086	11,187	823	2,365	711	52,747	51,402	1,345	184,626	72
1,004	464,646	1,240	239,853	327	35,301	1,520,715	27,122	71,862	1,421,731	----------	1,978,645	1,912,653	65,992	5,154,499	73

specified, 1; instruments, professional and scientific, 2; jewelry, 1; leather, tanned, curried, and finished, 1; liquors, distilled, 1; lithographing and engraving, 1; marble and stone work, 2; millinery and lace goods, 1; mirrors, 1; mucilage and paste, 1; musical instruments and materials, not specified, 1; optical goods, 2; perfumery and cosmetics, 2; photolithographing and photoengraving, 1; plated and britannia ware, 1; plumbers' supplies, 2; printing materials, 1; refrigerators, 2; regalia and society banners and emblems, 2; safes and vaults, 1; scales and balances, 1; show cases, 1; steam fittings and heating apparatus, 1; steam packing, 2; stereotyping and electrotyping, 1; surgical appliances, 2; taxidermy, 1; tobacco, chewing, smoking, and snuff, 2; turpentine and rosin, 1; umbrellas and canes, 2; varnish, 1; vinegar and cider, 1; wirework, including wire rope and cable, 1; wood, preserving, 2; wood, turned and carved, 2.

TOWNS UNDER 20,000 IN POPULATION: 1900.

2,477	$891,986	58	$16,258	18	$4,467	$339,219	$27,433	$52,864	$258,180	$742	$5,443,505	$5,330,537	$112,968	$7,555,052	1
300	110,398	1	400	1	57	95,917	2,654	4,714	88,549	----------	406,538	387,078	19,460	748,401	2
785	193,014	------	----------	6	3,000	118,210	1,003	28,005	89,202	----------	3,572,492	3,524,318	48,174	4,075,787	3
442	191,592	------	----------	4	688	19,747	1,316	4,375	13,656	400	419,023	412,510	6,513	766,044	4
950	396,982	57	15,858	7	722	105,345	22,460	15,770	66,773	342	1,045,452	1,006,631	38,821	1,964,820	5

MAINE.

Table 1 shows the manufacturing and mechanical industries of the state of Maine as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	6,702	5,010	4,481	5,550	3,810	3,974	33.8	11.8	[1]19.3	45.7	[1]4.1
Capital	$122,918,826	$80,419,809	$49,988,171	$39,796,190	$22,044,020	$14,699,152	52.8	60.9	25.6	80.5	50.0
Salaried officials, clerks, etc., number	3,329	[2]5,406	(3)	(3)	(3)	(3)	[1]38.4				
Salaries	$3,171,433	[2]$3,563,635	(3)	(3)	(3)	(3)	[1]11.0				
Wage-earners, average number	74,816	70,374	52,954	49,180	34,619	28,020	6.3	32.9	7.7	42.1	23.6
Total wages	$28,527,849	$22,962,582	$13,623,318	$14,282,205	$8,368,691	$7,485,588	24.2	68.6	[1]4.6	70.7	11.8
Men, 16 years and over	53,701	46,881	35,431	34,310	24,827	21,853	14.5	32.3	3.3	38.2	13.6
Wages	$23,384,835	$17,827,273	(3)	(3)	(3)	(3)	31.2				
Women, 16 years and over	18,913	21,051	13,777	13,448	9,792	6,167	[1]10.2	52.8	2.4	37.3	58.8
Wages	$4,835,171	$4,891,060	(3)	(3)	(3)	(3)	[1]1.1				
Children, under 16 years	2,202	2,442	3,746	1,422	(3)	(3)	[1]9.8	[1]34.8	163.4		
Wages	$307,843	$244,249	(3)	(3)	(3)	(3)	26.0				
Miscellaneous expenses	$7,774,216	$5,394,694	(4)	(4)	(4)	(4)	44.1				
Cost of materials used	$68,863,408	$51,520,589	$51,120,708	$49,379,757	$21,553,066	$13,553,144	33.7	0.8	3.5	129.1	59.0
Value of products, including custom work and repairing	$127,361,485	$95,689,500	$79,829,793	$79,497,521	$38,193,254	$24,661,057	33.1	19.9	0.4	108.1	54.9
Total population	694,466	661,086	648,936	626,915	628,279	583,169	5.0	1.9	3.5	[1]0.2	7.7
Wage-earners engaged in manufactures	74,816	70,374	52,954	49,180	34,619	28,020	6.3	32.9	7.7	42.1	23.6
Per cent of total population	10.8	10.6	8.2	7.8	5.5	4.8					
Assessed value of real estate	[5]$268,434,909	$233,946,082	$173,856,242	$134,580,157	$86,717,716	$64,336,119	14.7	34.6	29.2	55.2	34.8
Value of land and buildings invested in manufactures [6]	$31,266,656	$19,237,679	(3)	(3)	(3)	(3)	62.5				
Per cent of assessed value	11.6	8.2									

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[3] Not reported separately.
[4] Not reported.
[5] As given for the year 1900 in Dana's supplement, "State and City," to the Commercial and Financial Chronicle, under date of April 13, 1901.
[6] Does not include value of rented property.

Table 1 shows that there has been a marked growth in the manufacturing and mechanical industries of Maine during the half century. The population during these years increased from 583,169 to 694,466, or 19.1 per cent, while the average number of wage-earners employed in manufacturing establishments increased from 28,020 to 74,816, or 167 per cent, embracing, in 1900, 10.8 per cent of the entire population, compared with 4.8 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 110,243, or 15.9 per cent of the total population of the state.

The decade from 1890 to 1900 shows an increase in the value of products of 33.1 per cent, which is greater than for any other decade since 1870. The increase in the value of products from 1870 to 1880, four-tenths of 1 per cent, was really much greater. The values for 1870 were expressed in a currency which was at a discount in gold, and should be reduced by about one-fifth for purposes of comparison with other census years. This also explains the decrease of 4.6 per cent shown in wages during the same decade.

The extensive waterpower of Maine has been an important element contributing to this growth in manufacturing. The 1,620 lakes of the state, having a total area of 2,300 square miles, and located in many cases near the heads of rivers, are valuable reservoirs of manufacturing power. The total available waterpower has been estimated at between one and two million horsepower.[1] Excellent facilities for commerce are afforded by the rivers, harbors, and railroads. Of the principal rivers the Piscataqua, Sheepscott, and St. Croix admit vessels of 2,000 tons for a few miles, while the Kennebec is navigable for coast vessels to Augusta, and the Penobscot to Bangor.[2] Numerous bays and harbors along the coast have a depth of water sufficient to float the largest ships and afford shelter from storms throughout the year. There are 1,919 miles of railroad in the state, the Maine Central entering all but one of the 16 counties.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for a governmental establishment, eleemosynary and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

[1] The Waterpower of Maine, by Walter Wells, pages 8, 28, and 29.
[2] Gazetteer of Maine, by G. J. Varney, page 11.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	8,356	$129,922,852	9,226	75,675	$29,020,133	$7,801,191	$69,294,637	$22,112,832	$43,528,487	$3,653,318	$128,617,181
Hand trades [1]	2,895	4,662,344	3,187	6,692	3,105,667	553,868	4,995,382	72,437	4,733,711	189,234	11,686,966
Governmental establishment	1	6,082,965	-------	559	470,248	-------	205,012	-------	194,454	10,558	764,022
Eleemosynary and penal institutions	4	314,836	-------	5	2,750	668	88,559	21,000	61,015	6,544	101,497
Establishments with a product of less than $500	1,649	606,225	1,725	295	19,286	26,307	137,658	15,169	122,489	-------	390,177
All other establishments	3,807	118,256,482	4,314	68,124	25,422,182	7,220,348	63,868,026	22,004,226	38,416,818	3,446,982	115,674,519

[1] Includes bicycle and tricycle repairing, 57; blacksmithing and wheelwrighting, 973; boots and shoes, custom work and repairing, 213; carpentering, 277; clothing, men's, custom work and repairing, 178; clothing, women's, dressmaking, 163; dyeing and cleaning, 11; furniture, cabinetmaking, repairing, and upholstering, 83; lock and gun smithing, 21; masonry, brick and stone, 91; millinery, custom work, 270; painting, house, sign, etc., 247; plastering and stuccowork, 11; plumbing, and gas and steam fitting, 112; taxidermy, 7; typewriter repairing, 1; watch, clock, and jewelry repairing, 180.

Of the 8,356 establishments of all classes, shown in this table, 4,544, or 54.4 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $12,077,143, or only 9.4 per cent of the total products of the state.

In addition to the 8,356 active establishments in the state during the census year, with a capital of $129,922,852, shown in Table 2, there were 67 idle establishments, with a capital of $859,049, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Brick and tile	11	$39,543	Lumber and timber products	11	$89,460
Cheese, butter, and condensed milk, factory product	3	53,482	Marble and stone work	3	18,525
Felt goods	1	60,000	Soap and candles	1	15,000
Fertilizers	2	189,960	Starch	1	5,000
Fish, canning and preserving	14	11,055	Woolen goods	4	185,600
Flouring and grist mill products	3	4,500	Worsted goods	1	84,000
Iron and steel	1	75,000	All other industries	10	15,924
Leather, tanned, curried, and finished	1	12,000			

TABLE 3.—COMPARATIVE SUMMARY OF TEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	1,691	$86,947,527	43,899	$15,656,169	$5,142,412	$41,087,252	$73,699,654
	1890	1,580	56,706,127	39,651	12,431,794	3,524,024	30,968,565	54,631,124
Increase, 1890 to 1900	-------	111	30,241,400	4,248	3,224,375	1,618,388	10,118,687	19,068,530
Per cent of increase	-------	7.0	53.3	10.7	25.9	45.9	32.7	34.9
Per cent of total of all industries in state	1900	25.2	70.7	58.7	54.9	66.1	59.7	57.9
	1890	31.5	70.5	56.3	54.1	65.3	60.1	57.1
Cotton goods	1900	15	21,087,190	13,723	4,330,297	1,440,425	7,036,287	14,631,086
	1890	23	20,850,754	13,912	4,213,523	1,185,336	8,446,736	15,316,909
Fish, canning and preserving	1900	117	8,481,056	5,567	1,184,850	97,859	2,578,636	4,779,738
	1890	35	527,420	2,342	447,806	94,712	900,674	1,660,881
Flouring and grist mill products	1900	227	1,235,767	192	93,820	43,836	2,827,443	3,399,832
	1890	210	1,194,900	262	95,344	53,632	2,806,869	3,254,690
Foundry and machine shop products	1900	112	4,032,950	2,143	1,036,034	142,334	1,553,168	3,298,706
	1890	82	3,024,473	1,768	916,814	180,559	1,139,070	2,628,572
Leather, tanned, curried, and finished	1900	31	1,376,106	587	229,268	102,332	1,943,204	2,451,713
	1890	51	2,231,702	852	362,841	117,141	2,307,343	3,363,672
Lumber and timber products	1900	838	15,764,538	6,834	2,633,771	514,059	7,994,596	13,489,401
	1890	894	12,978,315	11,540	2,689,845	622,563	6,228,808	11,849,654
Paper and wood pulp	1900	35	17,473,160	4,851	2,162,972	1,394,967	7,118,945	13,223,275
	1890	17	4,273,825	1,509	669,057	322,808	1,673,287	3,281,051
Printing and publishing, newspapers and periodicals	1900	120	1,668,820	1,309	473,026	480,690	514,384	2,190,017
	1890	105	1,140,152	949	433,900	244,936	367,256	1,719,477
Ship and boat building, wooden	1900	115	1,315,820	1,369	749,567	65,463	1,377,769	2,491,765
	1890	85	1,027,756	1,450	777,994	109,032	1,423,175	2,818,565
Wool manufactures	1900	81	14,512,120	7,324	2,762,564	860,447	8,142,820	13,744,126
	1890	78	9,456,830	5,067	1,824,670	593,305	5,675,347	8,737,653

The 10 leading industries of the state in 1900, as shown in Table 3, embraced 1,691 establishments, or 25.2 per cent of the total number in the state; used a capital of $86,947,527, or 70.7 per cent of the total; gave employment to 43,899 wage-earners, or 58.7 per cent of the total number; and paid $15,656,169, or 54.9 per cent of the total wages. The value of their products was $73,699,654, or 57.9 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

Table 3 shows that the manufacture of cotton goods is the most important industry in the state. The 15 establishments reported in 1900 gave employment to 13,723 wage-earners, or 18.3 per cent of the wage-earners in the state, and their products were valued at $14,631,086, or 11.5 per cent of the total value of the products of the state. In 1890 there were 23 establishments, with 13,912 wage-earners, and products valued at $15,316,909. The decrease in the value of products during the decade was $685,823, or 4.5 per cent. The waterpower of Maine early attracted the attention of manufacturers of cotton goods. One of the pioneer mills of the state was established at Brunswick in 1809, another at Wilton in 1810, and a third at Gardiner in 1811.[1] Factories were erected at Saco in 1831, at Lewiston in 1844,[2] and at Biddeford in 1845, while in later years Augusta and Waterville secured large plants.. Lewiston is, however, the chief center of the industry, while the twin cities of Biddeford and Saco rank next in importance. At present the cotton mills of Maine are all west of the Kennebec River. They are located, without exception, at the falls of large rivers, and are operated by waterpower.

The wool manufacture in all its branches, except hosiery and knit goods, ranks second among the industries of the state, with 81 establishments, 7,324 wage-earners, and products valued at $13,744,126. In 1890 there were 78 establishments, with 5,067 wage-earners, and products valued at $8,737,653. The increase in the value of products during the decade was $5,006,473, or 57.3 per cent. Wool manufactures in Maine date back to a period some years prior to the introduction of cotton mills. In 1820 there were 6 small woolen mills in the state,[3] one of the earliest having been established in that year at Dexter, Penobscot county, by Amos and Jeremiah Abbott, who removed there from Andover, Mass.[4] They purchased the small wool-carding mills already built at Dexter, and a few years later built the present woolen mill. This was, it is claimed, the first firm in Maine to ship woolen cloth out of the state. Owing to the generally favorable conditions for its growth and development, the manufacture of woolen goods is now carried on in nearly every county in the state, water being used for power. The town of Sanford, in the southwestern part of Maine, not far from the New Hampshire line, is the seat of an important branch of this industry, the manufacture of carriage robes, mohair plush, and horse blankets.

There were 838 establishments engaged in the manufacture of lumber and timber products in 1900, the industry third in rank, with 6,834 wage-earners, and products valued at $13,489,401. In 1890 there were 894 establishments, with 11,540 wage-earners, and products valued at $11,849,654. The increase in the value of products during the decade was $1,639,747, or 13.8 per cent. Lumbering was begun at an early period in Maine, and has continued to be a leading industry. Owing to the scarcity of pine, which originally was the most important timber cut, spruce has now taken the leading place. Hard woods are cut in considerable quantities. The first sawmill in Maine was erected at South Berwick about 1634, and fifty years later the number in the state had increased to 24.[5] Many changes in methods have been introduced during the history of the industry. Dams and canals have been built, steamers have been placed on the lakes to facilitate log driving, and in one instance, at Northwest Carry, Moosehead Lake, a log sluice has been constructed, at large expense, to convey the logs overland from the west branch of the Penobscot River to Moosehead waters, the source of the Kennebec. The primitive mills have given place to great plants, many of them operated by steam power, particularly those located on tide waters. Maine's wealth of hard woods, already receiving attention, is destined to be much more appreciated. Birch is in great demand for spool wood, both for local manufacture and for shipment to Scotland, while beech is called for to be converted into orange shooks for Florida and the Mediterranean ports. General woodworking plants have been built in many parts of the state, especially at points accessible to the raw material.

There were 35 establishments engaged in the manufacture of paper and wood pulp in 1900, with 4,851 wage-earners, and products valued at $13,223,275. In 1890 there were 17 establishments, with 1,509 wage-earners, and products valued at $3,281,051. The increase in the value of products was $9,942,224, or 303 per cent. Paper manufacturing has been carried on in Maine in a small way since 1735,[6] but it is only within recent years that it has attained importance. The early mills were located, first at Westbrook and later at Mechanic Falls, on the Little Androscoggin; at Gardiner and Skowhegan, on the Kennebec; and at Hampden and Belfast, in eastern Maine.[7] With the discovery of wood pulp as a material for paper manufacture, great changes were brought about. One of the pioneer pulp mills in the state was erected at Brunswick in 1870.

[1] Maine Historical Magazine, vol. 7, pages 41 and 120.
[2] The New England States, by W. T. Davis, vol. 1, page 154.
[3] Survey of Maine, 1829, by Moses Greenlief, page 276.
[4] Report of the Maine Bureau of Industrial and Labor Statistics, 1895, page 104.
[5] Report of the Maine Bureau of Industrial and Labor Statistics, 1895, page 106.
[6] The New England States, vol. 1, page 307.
[7] Report of the Maine Bureau of Industrial and Labor Statistics, 1895, page 105.

Since that date numerous and costly plants have been built for the manufacture of ground wood, soda, and sulphite pulp. These mills are situated chiefly along the three principal rivers of the state, the Androscoggin, Kennebec, and Penobscot. Recently, immense plants have been constructed at Millinocket on the Penobscot waters, at Madison on the Kennebec River, and at Rumford Falls on the Androscoggin River. Spruce is used generally in the manufacture of wood pulp. A few mills use also small quantities of poplar, fir, pine, and hemlock, while 3 plants use poplar only.

There were 117 establishments engaged in the canning and preserving of fish in 1900, with 5,567 wage-earners, and products valued at $4,779,733. In 1890, 35 establishments were reported, with 2,342 wage-earners, and products valued at $1,660,881. The increase in the value of products during the decade was $3,118,852, or 187.8 per cent. A leading branch of this industry is the canning of small herrings under the name of "sardines." Imports of "sardines" of this sort in 1872 suggested the use of Eastport herrings for the same purpose, and experiments were at once undertaken.[1] The Eastport product was found to be superior to the imported article, and an important industry was thus established in that city in 1875.[2] During the year 1 cannery was operated. In each of the four succeeding years, 1 factory was added to the number, so that, in 1879, 5 establishments were in operation.[3] From that time the industry grew rapidly until, in 1886, there were 45 factories in the state, of which number 32 bordered on Passamaquoddy Bay and its tributary waters, and 13 were located along the coast from Cutler westward.[3] At Eastport and Lubec the "sardine" industry, during the first ten years of its existence, increased to such an extent as to outrank in importance, in that locality, all other branches of business.

There were 227 establishments engaged in flour and grist milling in 1900, with 192 wage-earners, and products valued at $3,399,832. In 1890, 210 establishments were reported, with 262 wage-earners, and products valued at $3,254,690. The increase in the value of products during the decade was $145,142, or 4.5 per cent. From the early settlement of the state, mills have been in use for grinding corn, wheat, and other grain. As the people for many years depended for a livelihood largely on the products of their farms—principally corn and grain—gristmills were a necessity. Small streams affording waterpower were abundant in every section of the state, and gristmills were erected in every considerable settlement. At first these mills were crude, the millstones being cut from the rock in which the country abounded, and serving only to grind the grain into meal; but, as time advanced, improved stones were introduced and much excellent flour was made for home consumption. For several years the state paid a small bounty on every bushel of wheat raised, and in this way greatly stimulated the growth of the cereal. With very few exceptions, the early gristmills of Maine did custom grinding only, but later an extensive wholesale trade grew up in the larger cities, and mills of greater capacity were erected at these central points. As a result, corn meal, instead of whole corn, is now largely distributed to retailers throughout the state. Within a few years several large flouring plants, using the roller process, have been erected in Aroostook county; in these mills large quantities of native wheat are converted into flour. This has greatly stimulated the growth of wheat in the fertile valley of the Aroostook.

There were 112 establishments engaged in the manufacture of foundry and machine shop products in 1900, with 2,143 wage-earners, and products valued at $3,298,706. In 1890, 82 establishments were reported, with 1,768 wage-earners, and products valued at $2,628,572. The increase in the value of products during the decade was $670,134, or 25.5 per cent. The erection of lumber mills in Maine early led to the construction of foundries and machine shops for the manufacture of shafting, gears, and other mill machinery. As shipbuilding and cotton and woolen manufacture developed, these foundries and shops were also called upon to manufacture the additional ironwork and the special machinery required. But in recent years there has been a change in the custom of all kinds of large manufacturing plants, most of which now have their own machine shops with from one to a dozen employees. This has had a tendency to reduce the number and importance of the general foundry and machine shops. Portland, Bangor, and Lewiston are now the principal points where these are located. One of the early stove foundries in Maine was established at Hampden about the year 1835.

There were 115 establishments engaged in wooden ship and boat building in 1900, with 1,369 wage-earners, and products valued at $2,491,765. In 1890, 85 establishments were reported, with 1,450 wage-earners, and products valued at $2,818,565. The decrease in the value of products during the decade was $326,800, or 11.6 per cent. As far back as 1608, the "Virginia" was built by the Popham colony near the mouth of the Kennebec;[4] and from that time to the present, shipbuilding has been one of the important occupations of this region. In early days, shipyards were established at many points on all the principal rivers and along the coast, and Maine became the leading shipbuilding state in the United States, building more than half of all the sea-going vessels of the nation.[5] Of late years there has been a decline in the industry, and the business is now carried on at but few points. Bath, on the Kennebec, is much the most important center, but ship and boat building is also carried on to a considerable extent at Phippsburg, Waldoboro, Thomaston, Rockland, Camden, Rockport, Belfast, Bucksport, Millbridge, and Machias. A notable feature of modern marine architecture is the greater size of the vessels in comparison with those of early days. Two and three-masted schooners

[1] Report of the Maine Bureau of Industrial and Labor Statistics, 1895, page 143.
[2] Ibid., 1900, page 78.
[3] Ibid.

[4] History of Maine, by W. D. Williamson, vol. 1, page 202.
[5] Our Merchant Marine, 1872, by N. G. Hitchborn, page 15.

have quite largely given place to the large four, five, and six-masted vessels. Of late years the building of steel vessels, especially at the Bath Iron Works, the pioneer steel shipbuilding plant of the state, has become quite an important branch of the industry. Several Government cruisers, as well as merchant steamships, have been built at Bath.

There were 31 establishments engaged in the tanning, currying, and finishing of leather in 1900, with 587 wage-earners, and products valued at $2,451,713. In 1890, 51 establishments were reported, with 852 wage-earners, and products valued at $3,363,672. The decrease in the value of products during the decade was $911,959, or 27.1 per cent. The early tanneries of Maine were very small, only a few hides being purchased, for a considerable part of the year's output was custom work. Home slaughtered hides and skins were tanned for home use, the shoemaker afterward making his rounds from house to house among the farmers, to work up stocks of finished leather into a year's supply of footwear for the family. There were 200 tanneries in Maine in 1810, with an annual average of 275 hides and skins tanned, and an average product valued at $1,156. In 1840, 395 tanneries were reported, while the total number of hands employed, 454, averaged less than 2 to an establishment. York county alone contained 101 tanneries, with but 102 hands employed. Between 1840 and 1860 several tanneries of considerable size were built, and the industry received a further stimulus through the demands of 1861 and the time immediately following, so that during the next fifteen years many large sole-leather plants were established in the eastern part of the state. Hemlock bark has always been the principal material used for tanning purposes in the state, and it is to the increasing scarcity of this bark that the decline in the industry since 1870 must be attributed.

There were 120 establishments engaged in the printing and publishing of newspapers and periodicals in 1900, with 1,309 wage-earners, and products valued at $2,190,017. In 1890, 105 establishments were reported, with 949 wage-earners, and products valued at $1,719,477. The increase in the value of products during the decade was $470,540, or 27.4 per cent. The first newspaper in Maine, the Falmouth Gazette and Weekly Advertiser, was founded at Falmouth, now Portland, January 1, 1785, and has continued, under various names, to the present time. Nearly every considerable town in the state now has its local newspaper.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Lewiston and Portland as returned at the censuses of 1890 and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, LEWISTON AND PORTLAND, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
The State	1900	6,702	$122,918,826	74,816	$28,527,849	$7,774,216	$68,863,408	$127,361,485
	1890	5,010	80,419,809	70,374	22,962,582	5,394,694	51,520,589	95,689,500
Per cent of increase		33.8	52.8	6.3	24.2	44.1	33.7	33.1
Lewiston	1900	282	10,984,871	7,159	2,509,030	596,854	4,103,801	8,581,354
	1890	214	8,324,231	7,076	2,418,907	635,894	4,828,710	9,073,856
Per cent of increase		31.8	32.0	1.2	3.7	[1] 6.1	[1] 15.0	[1] 5.4
Portland	1900	639	6,991,251	5,699	2,612,817	759,854	5,566,225	11,440,201
	1890	662	6,887,557	5,338	2,413,893	585,149	6,286,438	11,371,487
Per cent of increase		[1] 3.5	1.5	6.8	8.2	29.9	[1] 11.5	0.6
Total for 2 cities	1900	921	17,976,122	12,858	5,121,847	1,356,708	9,670,026	20,021,555
	1890	876	15,211,788	12,414	4,832,800	1,221,043	11,115,148	20,445,343
Per cent of increase		5.1	18.2	3.6	6.0	11.1	[1] 13.0	[1] 2.1
Per cent of 2 cities to total for state	1900	13.7	14.6	17.2	18.0	17.5	14.0	15.7
	1890	17.5	18.9	17.6	21.0	22.6	21.6	21.4

[1] Decrease.

It appears from Table 4 that the number of establishments in these 2 cities, taken together, increased during the decade from 876 to 921, or 5.1 per cent. The average number of wage-earners increased from 12,414 to 12,858, or 3.6 per cent, while the value of products decreased from $20,445,343 to $20,021,555, or 2.1 per cent. The percentage of increase in the number of establishments and in the average number of wage-earners was smaller in these 2 cities than in the state as a whole, while the decrease in the value of products stands in contrast to an increase in the state as a whole. In Portland, the leading manufacturing city of the state, the number of establishments decreased during the decade from 662 to 639, or 3.5 per cent, while the average number of wage-earners increased from 5,338 to 5,699, or 6.8 per cent, and the value of products increased from $11,371,487 to $11,440,201, or six-tenths of 1 per cent. The number of establishments, number of wage-earners, and value of products for this city constituted 9.5, 7.6, and 9 per cent, respectively, of the totals for the entire state.

Table 5 presents the totals for the manufacturing industries of the 43 cities and towns withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and towns, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	PRODUCTS. Value.	PRODUCTS. Rank.	PRODUCTS. Per cent of total.	POPULATION. Total.	POPULATION. Rank.	POPULATION. Per cent of total.
Total for state	6,702	$122,918,826	7,501	74,816	$28,527,849	$7,774,216	$68,863,408	$127,361,485	-------	100.0	694,466	-------	100.0
Total for urban manufactures	3,594	78,272,255	3,960	51,965	20,170,662	5,813,338	45,573,178	85,449,012	-------	67.1	289,951	-------	41.8
Auburn	147	3,372,694	159	2,908	1,262,010	257,089	4,144,815	6,826,851	3	5.0	12,951	5	1.9
Augusta	171	3,488,474	190	2,227	798,638	666,785	1,459,662	3,822,679	7	3.0	11,683	6	1.7
Bangor	315	2,743,648	360	2,669	1,291,941	260,703	2,740,287	5,172,733	5	4.1	21,850	3	3.1
Bath	142	3,256,726	154	2,249	1,191,092	179,255	2,126,388	4,036,815	6	3.2	10,477	7	1.5
Belfast	79	517,055	105	679	251,639	36,035	540,314	964,738	24	0.8	4,615	20	0.7
Biddeford	108	6,067,194	122	4,527	1,554,146	519,361	3,098,244	5,769,844	4	4.5	16,145	4	2.3
Brewer	44	735,924	47	364	170,268	72,121	540,326	889,779	26	0.7	4,835	18	0.7
Bridgton	43	738,503	54	376	132,539	37,577	409,096	662,391	30	0.5	1,552	41	0.2
Bristol	37	205,495	40	226	65,030	5,593	137,965	266,380	38	0.2	2,572	34	0.4
Brunswick	80	1,673,359	85	970	350,726	118,462	551,472	1,194,275	22	0.9	5,210	17	0.7
Bucksport	26	84,480	31	84	31,690	5,243	90,919	160,014	41	0.1	2,339	36	0.3
Calais	73	1,715,940	82	855	317,575	98,317	872,768	1,498,126	18	1.2	7,655	10	1.1
Camden	55	1,680,251	59	841	382,191	60,560	933,518	1,618,017	16	1.3	2,825	31	0.4
Caribou	38	206,125	43	125	43,010	8,289	200,245	341,294	35	0.3	4,758	19	0.7
Eastport	62	3,037,366	65	2,213	479,805	48,714	1,020,605	1,905,808	14	1.5	5,311	16	0.8
Ellsworth	82	696,999	92	452	185,292	24,941	482,746	808,858	28	0.6	4,297	21	0.6
Fairfield	32	788,971	32	414	134,660	14,840	330,415	552,083	31	0.4	2,238	37	0.3
Fort Fairfield	37	148,225	40	72	23,365	4,898	140,163	232,327	39	0.2	1,469	42	0.2
Gardiner	79	1,709,577	85	1,093	495,139	119,036	1,760,828	2,930,865	9	2.3	5,501	15	0.8
Gorham	26	73,508	31	34	12,538	3,712	50,442	90,468	42	0.1	2,540	35	0.4
Hallowell	38	1,029,678	43	642	314,614	127,595	634,957	1,247,687	21	1.0	2,714	32	0.4
Kennebunk	45	747,024	41	579	229,176	69,058	485,372	936,399	25	0.7	3,228	25	0.5
Kittery	8	8,627	8	9	3,471	314	7,662	16,129	43	(1)	2,872	30	0.4
Lewiston	282	10,984,871	285	7,159	2,509,030	596,854	4,103,801	8,581,354	2	6.7	23,761	2	3.4
Lisbon	42	2,480,636	34	998	364,775	141,628	1,038,116	1,820,291	15	1.4	3,603	23	0.5
North Berwick	21	312,279	31	229	71,006	23,307	206,230	343,041	34	0.3	1,748	40	0.2
Norway	40	368,801	49	430	166,027	23,928	540,371	824,900	27	0.6	2,902	29	0.4
Old Town	86	1,893,161	89	1,182	428,018	132,983	1,467,466	2,239,837	13	1.8	5,763	14	0.8
Orono	28	1,444,080	34	575	230,836	92,186	704,991	1,345,585	19	1.0	3,257	24	0.5
Paris	35	258,158	38	320	104,671	16,238	216,752	386,455	33	0.3	3,225	26	0.5
Pittsfield	35	1,174,353	38	589	209,714	85,240	535,447	1,020,258	23	0.8	2,208	38	0.3
Portland	639	6,991,251	679	5,699	2,612,817	759,854	5,566,225	11,440,201	1	9.0	50,145	1	7.2
Presque Isle	38	177,595	43	88	30,270	10,491	162,707	273,716	37	0.2	1,256	43	0.2
Richmond	24	194,926	26	169	43,868	7,664	148,212	225,804	40	0.2	2,049	39	0.3
Rockland	118	1,708,483	158	860	358,969	107,276	851,806	1,557,607	17	1.2	8,150	9	1.2
Saco	71	2,151,434	77	2,025	619,462	195,758	1,120,293	2,244,025	12	1.8	6,122	12	0.9
Sanford	67	3,246,015	66	1,893	698,385	240,060	1,891,762	3,254,890	8	2.6	6,078	13	0.9
Skowhegan	69	941,681	75	617	245,314	43,068	761,463	1,252,955	20	1.0	4,266	22	0.6
South Berwick	25	637,153	22	506	190,047	39,370	480,533	788,899	29	0.6	3,188	27	0.5
Thomaston	35	501,265	51	215	108,610	9,854	226,996	442,716	32	0.3	2,688	33	0.4
Waldoboro	41	158,033	52	195	74,002	5,983	161,731	313,072	36	0.3	3,145	28	0.5
Waterville	89	3,972,016	99	2,203	779,308	196,034	1,256,801	2,802,236	11	2.2	9,477	8	1.4
Westbrook	42	3,950,221	46	1,405	604,978	347,064	1,372,266	2,851,660	10	2.2	7,283	11	1.0
Total for state exclusive of urban manufactures	3,108	44,646,571	3,541	22,851	8,357,187	1,960,878	23,290,230	41,912,473	-------	32.9	404,515	-------	58.2
Per cent of urban manufactures to total for state	53.6	63.7	52.8	69.5	70.7	74.8	66.2	67.1	-------	-------	41.8	-------	-------

[1] Less than one-tenth of 1 per cent.

Of the 6,702 establishments in the state, 3,594, or 53.6 per cent, were located in these 43 cities and towns. They furnished employment to 51,965 wage-earners, or 69.5 per cent of the total number, and the value of their products, $85,449,012, formed 67.1 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Bangor, Lewiston, and Portland by specified industries.

Table 9 shows the totals for the cities and towns withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	6,702	$122,918,826	$13,105,141	$18,161,515	$31,770,449	$59,881,721	7,501	3,329	$3,171,433	74,816	$28,527,849
2	Androscoggin	600	18,857,529	1,292,998	3,299,611	5,580,986	8,683,934	610	505	521,188	11,977	4,521,549
3	Aroostook	376	2,950,691	237,810	415,953	636,578	1,660,350	414	82	49,141	1,539	562,447
4	Cumberland	1,019	15,831,213	1,870,743	2,244,100	3,958,137	7,758,233	1,124	770	710,248	9,909	4,252,332
5	Franklin	200	4,648,253	946,048	876,121	1,083,122	1,742,962	215	122	134,820	1,763	675,226
6	Hancock	352	2,344,748	355,225	274,115	406,483	1,308,925	396	116	74,018	2,418	1,008,132
7	Kennebec	569	14,567,283	1,323,740	2,546,925	4,404,850	6,291,768	623	316	351,656	7,909	3,126,647
8	Knox	368	4,943,062	807,580	935,981	874,714	2,324,787	443	115	97,249	3,009	1,315,757
9	Lincoln	176	781,927	83,817	150,186	237,489	310,435	201	16	12,429	784	262,093
10	Oxford	331	4,348,072	630,184	652,352	1,355,545	1,709,991	383	117	87,643	2,492	913,947
11	Penobscot	760	11,091,637	1,003,417	1,852,537	2,599,785	5,635,898	840	346	321,593	6,916	2,945,485
12	Piscataquis	154	3,480,822	1,066,340	391,610	684,300	1,338,572	166	48	45,066	1,363	533,631
13	Sagadahoc	204	4,997,388	617,604	694,596	1,404,610	2,280,578	217	130	146,584	2,810	1,399,315
14	Somerset	303	6,402,058	612,638	991,380	1,700,141	3,097,899	341	109	119,705	2,929	1,097,804
15	Waldo	277	1,268,936	99,755	159,238	391,312	618,631	370	41	29,577	1,279	440,520
16	Washington	425	11,772,892	1,257,147	1,038,993	2,467,606	7,009,146	497	243	194,635	6,753	1,666,214
17	York	588	14,632,315	900,095	1,637,817	3,984,791	8,109,612	661	253	275,881	10,971	3,806,750

TABLE 7.—MANUFACTURES BY

1	All industries	6,702	$122,918,826	$13,105,141	$18,161,515	$31,770,449	$59,881,721	7,501	3,329	$3,171,433	74,816	$28,527,849
2	Agricultural implements	17	584,247	56,500	114,916	111,827	301,004	15	27	17,195	218	100,033
3	Awnings, tents, and sails	39	109,338	3,200	10,300	10,063	85,775	50	2	700	135	59,389
4	Baskets, and rattan and willow ware	5	9,580	175	700	1,705	7,000	27	2	500	208	10,773
5	Bicycle and tricycle repairing	57	60,965	2,110	4,810	23,965	30,080	66	1	72	45	18,230
6	Blacksmithing and wheelwrighting	973	856,204	87,815	215,637	194,135	358,617	1,053	4	2,214	450	203,938
7	Bookbinding and blank book making	9	33,408			18,680	14,728	9	6	3,000	58	24,070
8	Boot and shoe cut stock	5	37,249	300	1,000	8,500	27,449	5	17	7,400	36	5,367
9	Boots and shoes, custom work and repairing.	213	73,435	4,365	10,680	31,052	27,338	216	1	390	85	36,040
10	Boots and shoes, factory product	48	5,148,278	135,285	540,950	663,326	3,808,717	41	345	345,556	6,432	2,664,672
11	Bottling	13	167,230	23,500	13,500	36,930	93,300	14	10	9,368	82	39,418
12	Boxes, fancy and paper	9	94,746	1,000	5,500	30,046	58,200	6	6	6,450	187	54,571
13	Boxes, wooden packing	28	444,449	56,577	100,200	116,742	170,930	29	20	13,188	404	156,966
14	Brass castings and brass finishing	6	119,714	7,300	13,781	33,343	65,290	7	6	4,134	50	28,751
15	Bread and other bakery products	106	490,861	49,850	62,750	89,160	289,101	122	83	51,150	492	213,054
16	Brick and tile	71	454,953	94,101	93,085	68,438	199,329	78	24	7,914	392	162,105
17	Bridges	3	15,500			12,000	3,500	5	2	1,600	40	20,600
18	Brooms and brushes	8	23,846	335	1,040	2,800	19,671	7	3	2,100	41	18,739
19	Carpentering	277	900,627	81,220	125,990	136,146	557,271	307	87	83,515	1,672	890,092
20	Carriage and wagon materials	4	36,671	850	2,800	7,545	25,476	6	1	1,092	14	6,171
21	Carriages and wagons	165	602,773	57,420	118,350	71,528	355,475	189	16	10,100	339	173,634
22	Cars and general shop construction and repairs by steam railroad companies.	19	921,905	72,900	376,850	217,081	255,074		37	31,332	571	300,755
23	Charcoal	3	2,690	210	500	500	1,480	3			4	912
24	Cheese, butter, and condensed milk, factory product.	61	429,510	16,951	117,260	81,654	213,645	39	39	16,646	162	70,283
25	Chemicals	5	550,426	2,335	47,396	467,459	33,236	3	7	2,733	12	4,928
26	Cleansing and polishing preparations	3	10,400	5,150	400	400	4,450	1	1	100	5	1,856
27	Clothing, men's, custom work and repairing.	178	394,516	20,897	29,644	40,460	303,515	193	19	8,619	751	240,558
28	Clothing, men's, factory product	42	443,752	10,650	33,578	60,664	338,860	52	39	27,921	1,270	271,967
29	Clothing, women's, dressmaking	163	138,239	22,765	63,805	16,935	34,734	176	29	10,760	476	105,439
30	Clothing, women's, factory product	9	193,050			13,300	179,750	11	23	11,800	290	72,679
31	Coffins, burial cases, and undertakers' goods.	10	80,435	4,650	7,000	6,325	62,460	15	1	200	53	26,654
32	Confectionery	56	174,855	8,800	9,900	55,685	100,470	64	46	30,500	240	75,898
33	Cooperage	76	138,548	11,430	22,280	25,997	78,841	82	5	5,200	158	57,449
34	Cotton goods	15	21,087,190	988,306	3,498,246	7,988,603	8,612,035	1	100	231,815	13,723	4,330,297
35	Cutlery and edge tools	11	123,667	18,100	16,525	23,300	65,742	10	7	6,298	63	21,149
36	Dyeing and cleaning	11	17,040	1,200	6,100	6,515	3,225	11	1	365	23	8,830
37	Electrical construction and repairs	8	17,875		600	5,875	11,400	10	1	200	15	8,300
38	Electroplating	4	2,375			1,775	600	5			1	325
39	Fertilizers	3	49,350	1,050	4,900	26,400	17,000	1	2	3,400	34	6,990
40	Fish, canning and preserving	117	8,481,056	137,355	740,315	2,045,117	5,558,269	135	177	139,497	5,567	1,184,850
41	Flavoring extracts	10	80,137	2,922	9,817	7,685	59,713	10	14	27,000	46	21,630
42	Flouring and grist mill products	227	1,235,767	125,492	265,164	277,261	567,850	287	18	11,560	192	93,820
43	Foundry and machine shop products	112	4,032,950	383,793	582,348	879,903	2,186,906	117	133	135,472	2,143	1,036,034
44	Fruits and vegetables, canning and preserving.	59	865,825	42,845	132,493	230,928	459,559	99	102	50,854	904	203,509
45	Fur goods	5	27,015	100	200	3,165	23,550	7	5	1,725	26	12,939
46	Furniture, cabinetmaking, repairing, and upholstering.	83	162,449	12,435	23,575	35,036	91,403	97	9	6,608	135	65,979
47	Furniture, factory product	14	421,836	57,500	62,621	53,650	248,065	12	39	36,271	334	127,051
48	Gas, illuminating and heating	9	1,426,118	143,161	178,500	910,556	193,901		47	29,068	61	37,958
49	Hairwork	3	3,075			150	2,925	3			4	1,200
50	Hand stamps	3	37,750	7,500	15,000	11,750	3,500	2	1	800	5	2,830
51	Hosiery and knit goods	3	9,000			4,400	4,600	6			37	7,425

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.										Value of products, including custom work and repairing.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
53,701	$23,384,835	18,913	$4,835,171	2,202	$307,843	$7,774,216	$791,726	$793,736	$5,287,313	$901,441	$68,863,408	$66,716,940	$2,146,468	$127,361,485	1
7,249	3,155,858	4,499	1,325,407	229	40,284	1,066,155	69,962	161,409	775,723	59,061	10,784,566	10,504,346	280,220	19,162,297	2
1,464	546,979	68	14,468	7	1,000	115,376	15,381	19,265	78,949	1,781	2,967,642	2,945,221	22,421	4,378,336	3
7,237	3,551,209	2,565	683,522	107	17,601	1,400,306	352,368	108,631	788,545	150,762	9,465,228	9,178,623	286,605	18,947,126	4
1,523	633,229	218	40,411	22	1,586	310,878	6,130	25,015	278,681	1,052	2,188,114	2,080,322	107,792	3,975,697	5
2,081	934,123	256	63,000	76	11,009	90,964	19,283	11,173	54,508	6,000	1,386,758	1,361,337	25,421	3,211,549	6
5,395	2,546,131	2,243	540,766	271	39,750	1,302,106	75,367	88,317	777,141	361,281	7,258,870	7,057,855	201,015	15,055,860	7
2,492	1,200,110	494	113,562	23	2,085	244,760	35,853	27,228	170,714	10,965	2,714,598	2,483,539	231,059	5,212,923	8
622	226,696	108	27,657	54	7,740	22,800	3,865	4,795	11,902	2,238	504,319	492,589	11,730	1,119,100	9
1,989	812,294	477	97,980	26	3,673	207,930	13,241	33,430	161,259	----------	2,447,877	2,321,507	126,370	4,093,474	10
5,962	2,717,497	912	223,844	42	4,144	824,410	90,320	66,895	593,851	73,344	8,160,462	7,888,695	271,767	14,217,201	11
1,078	453,041	283	80,390	2	200	106,690	11,594	13,863	76,074	5,159	1,389,707	1,347,284	42,423	2,419,787	12
2,594	1,350,880	193	46,183	23	2,252	278,561	13,932	17,598	194,644	52,387	3,032,093	2,929,619	102,474	5,474,089	13
2,332	926,962	571	166,706	26	4,136	310,853	22,975	31,965	252,258	3,655	3,306,075	3,195,185	110,890	5,834,804	14
883	350,101	387	89,212	9	1,207	66,912	8,660	6,488	41,009	10,755	859,478	837,432	22,046	1,717,828	15
4,104	1,330,653	1,791	242,949	858	92,612	252,355	17,542	43,165	189,698	1,950	3,947,958	3,871,362	76,596	7,069,209	16
6,696	2,649,072	3,848	1,079,114	427	78,564	1,173,160	35,253	134,499	842,357	161,051	8,449,663	8,222,024	227,639	15,472,205	17

SPECIFIED INDUSTRIES: 1900.

53,701	$23,384,835	18,913	$4,835,171	2,202	$307,843	$7,774,216	$791,726	$793,736	$5,287,313	$901,441	$68,863,408	$66,716,940	$2,146,468	$127,361,485	1
215	99,277	2	600	1	156	28,430	402	2,699	25,329	----------	98,197	84,941	13,256	290,261	2
116	53,274	19	6,065	----------	----------	6,540	3,570	420	2,550	----------	152,631	151,554	1,077	263,095	3
80	4,683	110	5,740	18	350	392	37	20	335	----------	2,217	2,151	66	20,925	4
45	18,230	----------	----------	----------	----------	8,281	5,336	476	2,469	----------	32,731	31,213	1,518	94,003	5
448	203,679	----------	----------	2	259	43,585	28,584	5,490	9,181	330	391,254	360,974	30,280	1,294,357	6
25	14,702	33	9,368	----------	----------	7,332	1,604	221	507	5,000	32,000	31,486	514	82,250	7
8	1,979	28	3,388	----------	----------	15,898	1,882	111	3,565	10,340	78,341	77,345	996	134,981	8
79	34,566	5	1,364	1	110	16,047	13,210	386	1,901	550	74,134	71,048	3,086	212,657	9
4,346	2,014,993	2,064	645,694	22	3,985	402,027	13,297	20,380	367,350	1,000	8,366,747	8,323,240	43,507	12,295,847	10
80	38,998	1	300	1	120	14,050	2,992	643	10,415	----------	325,847	324,032	1,815	430,138	11
38	19,646	149	34,925	----------	----------	7,580	2,700	826	3,454	600	98,887	95,753	3,134	208,250	12
397	155,704	1	467	6	795	31,908	850	2,387	26,421	2,250	348,021	343,826	4,195	599,858	13
50	28,751	----------	----------	----------	----------	6,026	533	637	4,856	----------	52,590	49,140	3,450	119,573	14
360	184,411	126	27,962	6	681	45,182	23,852	3,761	17,569	----------	643,856	625,444	18,412	1,204,531	15
391	162,025	----------	----------	1	80	24,940	3,455	3,248	16,425	1,812	106,026	7,300	98,726	439,975	16
40	20,600	----------	----------	----------	----------	1,317	311	36	970	----------	31,753	30,845	908	60,657	17
25	15,451	15	3,138	1	150	3,784	620	268	1,296	1,600	68,311	67,734	577	113,290	18
1,666	888,557	----------	----------	6	1,535	183,576	11,157	5,793	66,124	100,502	1,429,496	1,424,296	5,200	3,056,220	19
14	6,171	----------	----------	----------	----------	2,889	610	183	2,096	----------	13,772	12,842	930	30,163	20
337	173,084	1	350	1	200	25,269	6,072	4,318	11,896	2,983	274,772	266,155	8,617	719,859	21
571	300,755	----------	----------	----------	----------	35,435	----------	6,715	28,720	----------	487,604	476,758	10,846	857,136	22
4	912	----------	----------	----------	----------	46	----------	16	30	----------	1,200	1,200	----------	2,670	23
141	64,707	21	5,576	----------	----------	23,065	1,648	2,291	15,278	3,848	1,407,050	1,394,778	12,272	1,727,684	24
12	4,928	----------	----------	----------	----------	2,991	500	263	2,228	----------	16,758	14,068	2,690	31,638	25
5	1,856	----------	----------	----------	----------	433	348	48	37	----------	2,714	2,678	36	9,750	26
145	85,061	605	155,372	1	125	53,817	27,431	3,187	12,159	11,040	365,856	358,861	6,995	877,292	27
253	83,923	1,007	186,902	10	1,142	75,749	6,120	2,737	20,595	46,297	683,471	675,761	7,710	1,335,836	28
9	4,970	464	100,219	3	250	26,538	24,095	669	1,614	160	119,290	115,585	3,705	353,328	29
7	3,800	283	68,879	----------	----------	7,410	3,292	243	3,875	----------	154,455	153,458	997	287,749	30
51	25,960	2	694	----------	----------	3,137	1,350	525	1,262	----------	75,539	74,777	762	135,895	31
99	44,928	140	30,782	1	188	44,235	12,797	1,837	29,451	150	261,427	256,992	4,435	512,743	32
154	56,999	----------	----------	4	450	21,518	2,363	472	2,203	16,480	114,092	111,573	2,519	260,973	33
6,197	2,342,275	6,760	1,864,335	766	123,687	1,440,425	3,600	242,230	788,375	406,220	7,036,287	6,859,102	177,185	14,631,086	34
63	21,149	----------	----------	----------	----------	4,976	899	967	3,110	----------	29,882	26,242	3,640	78,476	35
16	6,815	7	2,015	----------	----------	3,402	2,269	130	1,003	----------	5,642	4,792	850	35,183	36
15	8,300	----------	----------	----------	----------	1,328	879	99	350	----------	11,690	11,391	299	27,112	37
1	325	----------	----------	----------	----------	430	392	10	28	----------	770	525	245	4,550	38
34	6,990	----------	----------	----------	----------	2,120	----------	220	1,900	----------	22,190	21,940	250	40,002	39
2,895	833,157	1,746	245,302	926	106,391	97,859	3,777	11,585	82,322	175	2,578,636	2,512,716	65,920	4,779,733	40
11	6,226	35	15,404	----------	----------	16,283	1,154	492	14,637	----------	86,688	86,335	353	168,621	41
192	93,820	----------	----------	----------	----------	43,836	11,475	9,700	22,661	----------	2,827,443	2,804,852	22,591	3,399,832	42
2,120	1,030,673	23	5,361	----------	----------	142,334	10,107	26,522	105,645	60	1,553,168	1,483,336	69,832	3,298,706	43
487	144,508	316	49,385	101	9,616	43,119	4,936	5,444	32,239	500	762,102	751,454	10,648	1,335,671	44
13	8,524	13	4,415	----------	----------	3,275	1,640	190	1,445	----------	35,085	34,255	830	66,200	45
115	60,380	18	5,374	2	225	15,952	10,576	987	4,389	----------	131,368	128,550	2,818	307,368	46
322	124,237	11	2,664	1	150	35,463	4,000	2,463	24,000	5,000	284,216	282,779	1,437	580,737	47
61	37,958	----------	----------	----------	----------	60,139	----------	14,237	45,902	----------	73,394	66,443	6,951	285,055	48
----------	----------	4	1,200	----------	----------	581	496	35	50	----------	2,182	2,152	30	6,400	49
5	2,830	----------	----------	----------	----------	355	110	35	210	----------	2,836	2,600	236	9,681	50
4	1,300	31	6,000	2	125	6,389	200	58	1,531	4,600	10,810	10,700	110	29,075	51

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
52	House furnishing goods, not elsewhere specified.	5	$4,645	$370	$950	$1,825	$1,500	5	------	------	8	$2,715
53	Ironwork, architectural and ornamental.	3	171,488	13,900	11,650	14,600	131,338	2	6	$10,000	70	32,789
54	Kindling wood	4	53,072	600	7,600	26,039	18,833	4	2	1,250	65	21,373
55	Leather, tanned, curried, and finished	31	1,376,106	28,438	156,457	85,246	1,105,965	30	36	26,798	587	229,268
56	Lime and cement	20	1,942,007	485,338	681,515	143,225	631,929	32	34	26,296	582	248,371
57	Lock and gun smithing	21	20,475	2,000	4,000	7,880	6,595	27	------	------	7	3,146
58	Looking-glass and picture frames	18	73,295	400	3,000	4,890	65,005	22	8	3,768	72	39,738
59	Lumber and timber products	838	15,764,538	4,427,513	1,450,231	2,681,520	7,205,274	1,112	257	228,607	6,834	2,633,771
60	Lumber, planing mill products, including sash, doors, and blinds.	70	1,351,555	88,745	180,845	308,411	773,554	81	56	42,878	742	351,793
61	Marble and stone work	78	2,759,910	746,615	256,255	636,931	1,120,109	92	74	67,318	2,246	1,090,915
62	Masonry, brick and stone	91	491,123	25,535	45,240	67,770	352,578	104	18	13,055	1,292	729,772
63	Mattresses and spring beds	8	19,323	350	1,750	4,450	12,773	11	------	------	26	10,206
64	Millinery, custom work	270	437,134	28,735	52,450	12,755	343,194	309	38	12,325	398	106,495
65	Mineral and soda waters	34	216,497	21,991	41,453	87,660	65,393	43	18	10,268	86	35,075
66	Models and patterns	5	5,775	50	100	3,200	2,425	6	------	------	6	2,915
67	Monuments and tombstones	102	450,845	83,270	40,655	61,349	265,571	132	22	20,647	303	170,548
68	Oil, not elsewhere specified	5	95,585	5,900	21,000	48,550	20,135	3	3	5,000	33	10,088
69	Oilcloth, floor	3	146,954	3,500	78,000	16,500	48,954	7	4	3,550	264	146,700
70	Painting, house, sign, etc	247	293,783	25,340	49,740	83,817	184,886	279	15	6,362	673	328,460
71	Paper and wood pulp	35	17,473,160	2,671,385	3,866,120	6,148,974	4,786,681	12	258	445,348	4,851	2,162,972
72	Patent medicines and compounds	29	455,752	3,400	7,895	19,036	425,421	26	25	22,857	130	40,764
73	Paving and paving materials	8	78,284	28,500	9,300	26,175	14,309	5	9	5,165	151	60,550
74	Photography	98	148,134	1,475	11,325	83,834	51,500	104	5	2,620	81	29,554
75	Pickles, preserves, and sauces	3	12,200	225	1,075	2,700	8,200	2	5	5,200	19	4,310
76	Plastering and stuccowork	11	12,905	------	350	2,460	10,095	14	1	1,000	58	32,654
77	Plumbing, and gas and steam fitting	112	624,171	52,300	74,890	67,385	429,596	136	41	24,790	500	274,272
78	Pottery, terra cotta, and fire-clay products.	3	168,382	2,500	5,000	2,000	158,882	4	9	10,909	155	70,225
79	Printing and publishing, book and job	79	363,434	10,775	25,075	221,976	105,608	83	21	15,248	276	122,247
80	Printing and publishing, newspapers and periodicals.	120	1,668,820	36,225	113,550	716,944	802,101	101	219	182,099	1,309	473,026
81	Roofing and roofing materials	9	363,176	164,028	23,300	53,900	121,948	6	9	6,340	167	72,735
82	Saddlery and harness	160	275,285	17,375	49,065	35,155	173,690	173	2	782	163	72,518
83	Ship and boat building, wooden	115	1,315,840	106,500	91,975	125,520	991,825	150	28	23,326	1,369	749,567
84	Shirts	9	101,054	1,000	13,000	13,209	73,845	7	9	6,250	283	80,350
85	Slaughtering and meat packing, wholesale.	8	34,800	------	------	3,100	31,700	5	4	1,215	14	7,220
86	Slaughtering, wholesale, not including meat packing.	8	97,880	8,400	34,750	2,430	52,300	7	2	1,625	24	10,680
87	Soap and candles	8	21,883	5,125	8,550	2,760	5,448	9	------	------	6	2,519
88	Sporting goods	3	6,675	900	1,200	1,450	3,125	3	------	------	2	650
89	Starch	45	344,349	23,530	150,750	71,365	98,704	46	17	3,475	111	34,824
90	Taxidermy	7	19,680	150	1,400	2,723	15,407	9	------	------	17	11,329
91	Tinsmithing, coppersmithing, and sheet-iron working.	117	315,419	24,745	44,350	58,200	188,124	143	17	7,537	209	110,292
92	Tobacco, cigars and cigarettes	54	134,076	2,450	3,700	8,281	119,645	59	10	5,630	182	86,161
93	Tools, not elsewhere specified	5	78,600	1,300	5,500	40,800	31,000	7	2	1,200	47	22,600
94	Trunks and valises	10	324,923	2,850	16,500	99,658	205,915	7	29	25,549	218	98,548
95	Vinegar and cider	11	16,933	1,035	3,350	7,800	4,748	12	1	440	9	2,475
96	Watch, clock, and jewelry repairing	180	159,298	6,575	15,425	65,391	71,907	189	7	3,660	109	49,933
97	Wood, turned and carved	52	693,544	32,600	101,775	190,299	368,870	56	34	20,297	851	290,367
98	Woolen goods	76	12,642,058	728,715	1,833,515	2,759,954	7,319,874	34	190	241,988	6,280	2,383,323
99	Worsted goods	3	1,486,635	17,500	110,081	250,489	1,108,565	8	27	26,782	875	305,363
100	All other industries[1]	101	5,984,511	404,588	774,852	1,273,403	3,531,668	84	192	207,597	3,371	1,384,626

[1] Embraces artificial limbs, 1; babbitt metal and solder, 1; belting and hose, leather, 2; bicycles and tricycles, 1; blacking, 2; boot and shoe findings, 2; brassware, 1; carpets, rag, 1; carriages and sleds, children's, 1; cars and general shop construction and repairs by street railroad companies, 1; china decorating, 2; clocks, 1; coffee and spice, roasting and grinding, 2; cordage and twine, 2; cotton waste, 1; dyeing and finishing textiles, 1; dye stuffs and extracts, 1; electrical apparatus and supplies, 2; engraving and diesinking, 1; engraving, wood, 1; explosives, 1; fancy articles, not elsewhere specified, 2; felt goods, 2; firearms, 1; fireworks, 1; food preparations, 2; fur hats, 1; furnishing goods, men's, 2; furs, dressed, 1; gas machines and meters, 1; glass, cutting, staining, and ornamenting, 1; gloves and mittens, 1; glue, 1; grease and tallow, 2; hand knit goods, 2; hats and caps, not including fur hats and wool hats, 1; hones and whetstones, 1; iron

TABLE 8.—MANUFACTURES IN CITIES

BANGOR.

1	All industries	315	$2,743,648	$131,500	$244,735	$589,675	$1,777,738	360	176	$142,561	2,669	$1,291,941
2	Awnings, tents, and sails	3	16,303	------	------	2,103	14,200	4	------	------	19	10,100
3	Bicycle and tricycle repairing	6	3,225	------	------	1,425	1,800	9	------	------	6	2,241
4	Blacksmithing and wheelwrighting	26	32,475	1,300	5,200	10,100	15,875	30	2	774	28	14,402
5	Boots and shoes, custom work and repairing.	13	4,565	------	------	3,100	1,465	13	------	------	6	4,085
6	Boots and shoes, factory product	4	180,100	4,000	40,000	40,000	96,100	5	14	19,500	418	162,200
7	Bottling	7	35,275	3,500	2,500	2,375	26,900	10	3	1,268	15	9,550
8	Bread and other bakery products	3	20,400	------	------	7,900	12,500	3	6	5,250	17	7,325
9	Carpentering	21	53,426	1,200	4,900	5,475	41,851	24	1	160	153	88,054
10	Carriages and wagons	8	13,300	1,500	2,500	2,200	7,100	9	------	------	22	11,468
11	Cheese, butter, and condensed milk, factory product.	3	40,900	1,100	5,000	9,800	25,000	2	3	1,036	15	7,400

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
6	$2,365	2	$350			$379	$152	$27	$200		$6,293	$6,252	$41	$14,075	52
70	32,789					1,789		589	1,200		156,285	154,765	1,520	210,800	53
48	16,366	12	4,147	5	$860	2,617	200	272	2,145		23,579	21,782	1,797	62,976	54
584	228,761			3	507	102,332	571	10,958	90,803		1,943,204	1,930,242	12,962	2,451,713	55
582	248,371					97,878	10,862	13,448	69,846	$3,722	646,239	449,248	196,991	1,226,972	56
7	3,146					2,380	1,701	165	464	50	5,395	4,737	658	22,960	57
62	35,616	10	4,122			6,256	3,954	530	1,772		79,447	79,113	334	158,340	58
6,775	2,621,110	54	11,674	5	987	514,059	45,520	98,237	344,776	25,526	7,994,596	7,991,030	3,566	13,489,401	59
738	351,078	1	215	3	500	69,839	13,807	8,562	44,974	2,496	767,908	748,957	18,951	1,414,504	60
2,246	1,090,915					97,237	12,637	12,793	68,026	3,781	172,409	151,065	21,344	1,838,040	61
1,292	729,772					37,786	3,748	1,864	14,769	17,405	765,117	757,326	7,791	1,933,508	62
21	8,820	5	1,386			1,143	760	103	280		19,334	19,079	255	53,776	63
1	600	397	105,895			60,747	41,276	3,162	14,809	1,500	598,561	592,391	6,170	1,007,535	64
77	32,615	4	1,730	5	730	14,004	2,711	1,476	9,817		167,490	165,691	1,799	285,187	65
6	2,915					715	591	22	102		4,818	4,443	375	12,920	66
303	170,548					110,756	4,764	2,396	9,524	94,072	228,670	224,321	4,349	669,993	67
33	10,088					1,704	124	580	1,000		17,290	15,950	1,340	41,500	68
260	145,500	4	1,200			7,515		1,800	5,715		302,050	289,250	12,800	567,000	69
672	328,360			1	100	30,310	15,074	1,645	8,376	5,215	261,611	258,245	3,366	836,957	70
4,560	2,082,923	291	80,049			1,394,967	199,251	122,071	1,067,754	5,891	7,118,945	6,385,344	733,601	13,223,275	71
40	19,869	87	20,379	3	516	113,069	5,810	510	106,449	300	124,629	123,649	980	390,367	72
151	60,550					1,769	430	506	833		11,828	10,619	1,209	107,954	73
47	21,257	34	8,297			20,786	13,959	785	5,567	475	69,042	66,129	2,913	210,243	74
4	1,310	15	3,000			513	365	48	100		39,691	39,421	270	54,450	75
58	32,654					1,334	1,103	13	218		15,395	15,323	72	60,070	76
499	273,896	1	376			35,351	18,105	3,751	12,925	570	729,256	724,342	4,914	1,288,882	77
155	70,225					36,779		2,164	34,615		57,716	32,847	24,869	222,260	78
209	102,325	63	19,526	4	396	30,258	11,198	1,791	10,450	6,819	133,485	126,290	7,195	415,370	79
664	331,651	615	137,137	30	4,238	480,690	27,923	9,468	390,423	52,876	514,384	490,179	24,205	2,190,017	80
167	72,735					11,043	438	916	9,689		51,488	42,671	8,817	155,432	81
161	72,118	2	400			18,349	11,854	1,996	4,499		214,859	210,893	3,966	426,868	82
1,369	749,567					65,463	6,936	4,705	18,051	35,771	1,377,769	1,370,751	7,018	2,491,765	83
41	20,200	242	60,150			10,585	2,479	661	7,445		122,982	120,721	2,261	247,650	84
14	7,220					5,717	802	127	4,788		134,338	133,855	483	156,236	85
23	10,380	1	300			1,102		534	568		322,693	322,100	593	397,506	86
6	2,519					732	84	307	341		12,342	11,913	429	21,460	87
2	650					305	75	55	175		1,505	1,475	30	5,916	88
111	34,824					9,176	300	2,216	6,660		358,716	350,180	8,536	555,576	89
16	11,145	1	184			4,113	1,192	139	2,730	52	7,336	7,133	203	43,891	90
203	108,952	5	1,190	1	150	26,884	15,912	2,158	8,088	726	187,124	182,291	4,833	474,877	91
142	78,117	37	7,624	3	420	37,053	6,432	711	29,535	375	98,643	97,624	1,019	284,817	92
47	22,600					4,391	750	441	3,200		40,190	34,845	5,345	80,600	93
194	94,097	24	4,451			31,628	7,770	1,437	22,421		183,622	178,790	4,832	441,402	94
9	2,475					388	65	129	194		6,348	6,069	279	15,014	95
100	47,223	7	2,324	2	386	30,619	16,532	978	5,395	7,714	62,755	60,112	2,643	261,755	96
726	273,520	107	14,725	18	2,122	32,420	4,491	4,714	17,997	5,218	332,898	323,331	9,567	853,298	97
4,230	1,778,171	1,941	584,122	109	21,030	659,319	4,794	54,166	599,911	448	6,842,679	6,639,415	203,264	11,633,232	98
364	154,958	420	131,809	91	18,596	190,380	500	1,117	188,763		1,102,307	1,062,439	39,868	1,779,552	99
2,844	1,239,922	491	139,169	36	5,535	271,894	16,196	29,783	216,973	8,942	2,662,719	2,574,330	88,389	5,426,521	100

and steel, 1; iron and steel, forgings, 1; kaolin and other earth grinding, 1; lasts, 2; leather goods, 2; lithographing and engraving, 2; matches, 1; musical instruments, pianos and materials, 1; oakum, 1; optical goods, 2; paints, 2; perfumery and cosmetics, 1; photographic materials, 1; photolithographing and photoengraving, 1; pipes, tobacco, 1; plated and britannia ware, 2; plumbers' supplies, 1; pumps, not including steam pumps, 2; refrigerators, 1; sand and emery paper and cloth, 1; sausage, 1; saws, 1; shipbuilding, iron and steel, 2; shoddy, 2; show cases, 1; silk and silk goods, 1; stencils and brands, 1; stereotyping and electrotyping, 1; surgical appliances, 1; toys and games, 1; typewriter repairing, 1; umbrellas and canes, 1; upholstering materials, 2; varnish, 1; washing machines and clothes wringers, 1; window shades, 2; wirework, including wire rope and cable, 1; woodenware, not elsewhere specified, 2; wool pulling, 1.

BY SPECIFIED INDUSTRIES: 1900.

BANGOR.

2,239	$1,170,588	427	$120,928	3	$425	$260,703	$53,941	$18,103	$149,072	$39,587	$2,740,287	$2,698,230	$42,057	$5,172,733	1
11	7,850	8	2,250			1,031	475	116	440		21,242	21,095	147	41,050	2
6	2,241					882	735	10	137		1,640	1,530	110	8,200	3
28	14,402					2,868	2,272	130	466		22,562	21,109	1,453	65,030	4
6	4,085					1,453	1,198	7	248		5,781	5,700	81	18,890	5
333	135,800	85	26,400			40,859	446	1,675	37,738	1,000	708,964	706,519	2,445	967,883	6
15	9,550					2,859	1,450	136	1,273		68,465	68,275	190	102,350	7
17	7,325					1,805	1,405	130	270		35,501	34,704	797	63,150	8
153	88,054					7,538	1,689	217	1,512	4,120	105,759	105,517	242	227,731	9
22	11,468					1,376	804	202	170	200	9,971	9,631	340	30,579	10
15	7,400					1,686	600	293	793		159,939	158,639	1,300	196,108	11

TABLE 8.—MANUFACTURES IN CITIES

BANGOR—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
12	Clothing, men's, custom work and repairing.	17	$15,050			$3,225	$11,825	17			58	$17,177
13	Clothing, men's, factory product	4	39,350			3,850	35,500	6	5	$2,900	76	28,000
14	Clothing, women's, dressmaking	26	9,975	$2,000	$2,000	2,655	3,320	27			54	12,462
15	Clothing, women's, factory product	3	8,500			1,500	7,000	5			18	5,200
16	Coffins, burial cases, and undertakers' goods.	3	21,100			1,600	19,500	4	1	200	22	12,300
17	Confectionery	6	33,175			8,775	24,400	9	2	988	48	17,210
18	Flouring and grist mill products	3	32,300	5,000	10,000	8,500	8,800	3	1	800	5	2,250
19	Foundry and machine shop products	5	424,708	24,500	53,185	53,200	293,823	2	29	32,215	168	87,402
20	Furniture, cabinetmaking, repairing, and upholstering.	5	7,700			900	6,800	6	2	2,000	15	6,683
21	Lumber, planing mill products, including sash, doors, and blinds.	3	39,000	1,500	7,500	11,500	18,500	4			23	11,050
22	Masonry, brick and stone	9	202,280	2,900	900	19,980	178,500	14	5	3,655	510	282,225
23	Millinery, custom work	10	38,175	3,000	3,000	550	31,625	11			40	12,686
24	Mineral and soda waters	6	19,375	700	300	14,125	4,250	8	2	728	5	1,843
25	Monuments and tombstones	5	13,375		550	1,075	11,750	8	1	52	23	19,660
26	Painting, house, sign, etc	15	25,060			3,110	21,950	19	2	750	88	47,673
27	Photography	5	10,075			7,600	2,475	6			5	1,810
28	Plumbing, and gas and steam fitting	9	77,690			6,490	71,200	13	5	3,172	59	31,425
29	Printing and publishing, book and job	9	46,875		1,000	29,522	16,353	9	1	364	39	15,283
30	Printing and publishing, newspapers and periodicals.	6	138,710			65,992	72,718	5	87	23,414	73	39,428
31	Saddlery and harness	7	11,175	100	400	1,575	9,100	7			18	6,872
32	Ship and boat building, wooden	4	7,900	1,000	800	1,800	4,300	4			14	8,683
33	Tobacco, cigars and cigarettes	3	34,621	1,000	1,000	1,300	31,321	3	5	3,050	43	25,900
34	Trunks and valises	3	88,063	1,500	2,500	9,063	75,000	2	8	7,200	74	28,688
35	Watch, clock, and jewelry repairing	12	12,425			6,750	5,675	12			13	6,350
36	All other industries[1]	43	987,022	75,700	101,500	240,560	569,262	47	41	33,085	484	246,856

[1] Embraces bookbinding and blank book making, 2; boxes, fancy and paper, 1; brass castings and brass finishing, 1; brick and tile, 1; brooms and brushes, 1; cars and general shop construction and repairs by steam railroad companies, 1; chemicals, 1; clocks, 1; cooperage, 2; dyeing and cleaning, 2; electrical construction and repairs, 1; electroplating, 2; fur goods, 1; gas, illuminating and heating, 1; hand stamps, 1; hosiery and knit goods, 1; leather, tanned, curried, and finished, 1; lock and gun smithing, 2; looking-glass and picture frames, 2; lumber and timber products, 2; marble and stone work, 1; mattresses and spring

LEWISTON.

1	All industries	282	$10,984,871	$601,250	$2,040,082	$3,700,081	$4,643,458	285	181	$202,483	7,159	$2,509,030
2	Bicycle and tricycle repairing	4	2,750			900	1,850	2			4	2,140
3	Blacksmithing and wheelwrighting	10	13,900	1,500	3,150	2,675	6,575	11	1	240	12	5,730
4	Boots and shoes, custom work and repairing.	16	3,008		930	1,450	628	16			4	1,408
5	Bottling	3	3,955			555	3,400	3			8	3,690
6	Bread and other bakery products	11	19,050	4,000	1,000	4,000	10,050	13	7	2,388	19	7,984
7	Brick and tile	5	28,942	5,800	1,700	3,700	17,742	4	1	210	21	10,915
8	Carpentering	10	21,085	550	1,700	4,085	14,750	10	1	450	52	25,050
9	Carriages and wagons	5	62,085	9,000	10,000	5,425	37,660	7	2	1,600	33	16,665
10	Clothing, men's, custom work and repairing.	12	33,830	11,000	5,500	3,280	14,050	15			53	19,738
11	Clothing, women's, dressmaking	28	6,485			2,550	3,935	29			60	15,495
12	Clothing, women's, factory product	3	14,900			300	14,600	3	3	900	31	7,316
13	Confectionery	9	7,702		500	3,952	3,250	9	1	250	9	3,225
14	Cotton goods	5	7,651,502	345,500	1,535,066	2,683,824	3,087,112		36	82,323	4,604	1,555,510
15	Flouring and grist mill products	3	48,200	5,000	12,800	3,600	26,800	3	5	3,100	11	5,400
16	Foundry and machine shop products	4	135,391	20,000	41,650	47,250	26,491	5	4	4,768	95	36,149
17	Furniture, cabinetmaking, repairing, and upholstering.	6	2,636		100	386	2,150	6			2	1,095
18	Lock and gun smithing	3	4,400		325	1,675	2,400	3			1	620
19	Looking-glass and picture frames	4	4,255			490	3,765	6			3	1,620
20	Lumber, planing mill products, including sash, doors, and blinds.	4	242,979	21,500	29,120	18,700	173,659	7	10	8,393	112	55,301
21	Masonry, brick and stone	11	45,857	1,100	4,000	12,875	27,882	13	2	1,050	91	46,735
22	Millinery, custom work	22	50,321	9,000	11,000	784	29,537	24	12	2,500	61	16,391
23	Monuments and tombstones	3	41,475	7,500	10,975	8,661	14,339	3	1	520	43	18,070
24	Painting, house, sign, etc	16	14,815	1,100	4,250	2,140	7,325	16			38	16,192
25	Patent medicines and compounds	3	1,100			200	900	2			1	305
26	Photography	8	14,235			6,895	7,340	9	2	900	10	4,530
27	Plumbing, and gas and steam fitting	8	57,020	3,800	1,600	5,370	46,250	8	5	3,345	41	22,943
28	Printing and publishing, book and job	7	26,227		200	18,950	7,077	7			18	8,574
29	Printing and publishing, newspapers and periodicals.	4	232,852	20,000	80,000	62,500	70,352	2	26	19,334	98	41,704
30	Saddlery and harness	4	12,500	1,100	800	1,900	8,700	3			14	6,100
31	Tobacco, cigars and cigarettes	10	16,004			1,920	14,084	12	1	500	30	14,447
32	Watch, clock, and jewelry repairing	11	7,989	700	800	3,255	3,234	12			6	3,364
33	Woolen goods	3	515,661	18,500	45,500	90,000	361,661		8	7,580	270	95,563
34	All other industries[1]	27	1,641,760	114,600	237,416	695,834	593,910	22	53	62,132	1,304	439,061

[1] Embraces awnings, tents, and sails, 1; belting and hose, leather, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 1; brass castings and brass finishing, 1; brooms and brushes, 1; china decorating, 1; clothing, men's, factory product, 1; dyeing and cleaning, 1; dyeing and finishing textiles, 1; fancy articles, not elsewhere specified, 1; food preparations, 1; fur goods, 1; gas, illuminating and heating, 1; hand knit goods, 1; lumber and timber products, 2;

BY SPECIFIED INDUSTRIES: 1900—Continued.

BANGOR—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
10	$5,630	47	$11,422	1	$125	$5,843	$2,110	$92	$601	$3,040	$29,971	$29,409	$562	$66,689	12
18	8,808	58	19,192			2,863	1,356	210	1,297		78,788	78,313	475	126,200	13
		54	12,462			2,464	2,354	62	48		4,065	3,480	585	30,117	14
		18	5,200			820	660	65	95		15,707	15,650	57	26,080	15
21	12,000	1	300			1,325	900	225	200		39,820	39,595	225	62,925	16
23	11,510	25	5,700			3,477	1,740	150	1,587		58,913	57,383	1,530	101,600	17
5	2,250					1,320	800	145	375		158,130	156,880	1,250	177,500	18
168	87,402					19,628	1,900	3,322	14,406		115,932	111,534	4,398	290,300	19
11	5,669	4	1,014			1,407	1,128	29	250		6,955	6,780	175	20,460	20
23	11,050					1,895	955	406	534		11,560	10,610	950	27,800	21
510	282,225					11,065	575	160	4,205	6,125	298,503	292,033	6,470	683,270	22
		40	12,686			5,092	3,675	301	1,116		54,104	53,725	379	82,557	23
5	1,843					2,226	1,005	126	1,095		7,469	7,183	286	23,525	24
23	19,660					1,399	1,130	156	113		9,918	9,731	187	39,109	25
88	47,673					7,268	1,696	76	496	5,000	31,160	30,755	405	109,405	26
1	450	4	1,360			2,124	1,295	61	468	300	6,785	6,425	360	17,500	27
58	31,049	1	376			5,124	3,261	324	1,539		95,622	94,636	986	160,589	28
23	10,716	15	4,417	1	150	3,215	1,790	277	1,148		20,612	19,531	1,081	59,208	29
60	34,304	12	4,974	1	150	50,522	2,004	758	45,908	1,852	32,591	30,569	2,022	160,020	30
13	6,872					1,531	1,172	94	265		17,037	16,862	175	30,325	31
14	8,683					652	250	60	342		4,837	4,617	220	20,638	32
30	24,000	13	1,900			6,048	738	125	5,185		17,326	17,266	60	64,391	33
68	27,188	6	1,500			4,215	1,200	540	2,475		59,439	58,714	725	118,275	34
12	6,150	1	200			2,571	1,650	65	506	350	7,283	7,168	115	27,500	35
449	237,281	35	9,575			54,252	7,523	7,358	21,771	17,600	417,936	406,662	11,274	925,784	36

beds, 2; patent medicines and compounds, 1; pottery, terra cotta, and fire-clay products, 1; roofing and roofing materials, 1; saws, 1; slaughtering and meat packing, wholesale, 1; slaughtering, wholesale, not including meat packing, 1; taxidermy, 1; tinsmithing, coppersmithing, and sheet-iron working, 2; tools, not elsewhere specified, 1; window shades, 1; woolen goods, 1; wool pulling, 1.

LEWISTON.

3,837	$1,580,907	3,164	$898,725	158	$29,398	$596,854	$45,111	$110,412	$395,780	$45,551	$4,103,801	$3,957,673	$146,128	$8,581,354	1
4	2,140					446	348	5	93		1,687	1,687		5,372	2
12	5,730					1,826	1,384	82	360		6,088	5,543	545	22,533	3
4	1,408					1,295	1,068	11	216		3,219	3,005	214	10,895	4
8	3,690					1,970	470		1,500		11,065	10,980	85	20,886	5
16	7,624	1	110	2	250	4,849	2,272	215	2,362		36,558	34,977	1,581	64,637	6
21	10,915					2,352	1,000	234	1,118		8,376	384	7,992	26,460	7
52	25,050					2,385	497	13	1,175	700	76,263	76,263		112,417	8
33	16,665					2,325	500	425	1,400		33,421	32,676	745	64,350	9
15	8,809	38	10,929			4,303	2,059	200	1,444	600	25,802	25,393	409	64,360	10
		60	15,495			3,248	2,706	6	476	60	14,358	13,975	383	46,528	11
		31	7,316			1,944	921	23	1,000		33,590	33,500	90	50,000	12
8	2,925	1	300			2,176	1,380	76	720		12,345	11,533	812	25,362	13
1,886	796,852	2,585	733,603	133	25,055	331,561		83,870	205,266	42,425	2,192,679	2,111,795	80,884	4,638,115	14
11	5,400					1,601	120	381	1,100		128,600	126,090	2,510	155,742	15
95	36,149					3,735	442	1,216	2,077		37,112	34,387	2,725	88,893	16
2	1,095					582	423	8	156		2,024	1,957	67	6,700	17
1	620					558	412	41	105		720	585	185	3,500	18
2	1,370	1	250			850	565	10	275		4,084	4,084		8,770	19
112	55,301					13,840	3,477	2,358	8,005		85,356	82,055	3,301	197,625	20
91	46,735					4,163	1,028	345	2,790		55,851	55,776	75	120,740	21
		61	16,391			10,803	6,123	179	3,001	1,500	68,146	67,677	469	121,380	22
43	18,070					1,225		385	840		7,287	6,922	365	42,400	23
38	16,192					1,912	750	55	1,107		9,887	9,772	115	39,333	24
1	305					349	156		193		1,278	1,268	10	2,660	25
8	4,055	2	475			3,365	2,280	65	1,020		10,919	10,739	180	29,130	26
41	22,943					3,204	1,515	284	1,355	50	57,038	56,633	405	101,245	27
17	7,874	1	700			1,722	843	84	795		6,657	6,064	593	22,960	28
70	27,926	26	13,568	2	210	27,034	640	1,910	24,268	216	34,622	31,879	2,743	132,295	29
14	6,100					642	270	122	250		10,599	10,447	152	20,230	30
28	14,081	2	366			6,555	1,339	112	5,104		16,290	16,122	168	52,315	31
6	3,364					1,906	1,386	30	490		2,288	2,270	18	11,830	32
191	72,049	79	23,514			54,580		3,105	51,475		242,594	234,528	8,066	441,123	33
1,007	359,470	276	75,708	21	3,883	97,548	8,737	14,567	74,244		866,998	836,757	30,241	1,830,568	34

mineral and soda waters, 1; optical goods, 1; photographic materials, 1; pipes, tobacco, 1; plumbers' supplies, 1; roofing and roofing materials, 1; shirts, 1; tinsmithing, coppersmithing, and sheet-iron working, 1; wood, turned and carved, 2.

TABLE 8.—MANUFACTURES IN CITIES

PORTLAND.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	639	$6,991,251	$503,023	$755,747	$1,381,330	$4,351,151	679	611	$519,425	5,699	$2,612,817
2	Awnings, tents, and sails	7	4,660			1,510	3,150	9	1	200	18	5,960
3	Bicycle and tricycle repairing	4	3,550			1,500	2,050	4			8	2,900
4	Blacksmithing and wheelwrighting	43	38,245	4,850	7,325	7,675	18,395	57			55	32,138
5	Bookbinding and blank book making	4	21,015			10,980	10,035	4	6	3,000	37	15,504
6	Boots and shoes, custom work and repairing.	38	13,355	1,750	1,850	5,617	4,138	36			17	8,429
7	Boots and shoes, factory product	3	87,293			18,071	69,222	2	6	8,610	180	86,960
8	Bread and other bakery products	23	233,810	14,800	26,800	40,460	151,750	25	51	34,546	212	97,382
9	Brick and tile	3	27,700	1,200	9,500	5,000	12,000	4			36	15,630
10	Carpentering	55	407,943	35,200	51,675	67,696	253,372	60	60	67,838	468	268,902
11	Carriages and wagons	9	82,433	7,000	12,500	4,525	58,408	11	5	3,120	57	32,275
12	Cars and general shop construction and repairs by steam railroad companies.	4	194,650	35,800	57,150	43,620	58,080		10	9,112	153	84,028
13	Clothing, men's, custom work and repairing.	28	80,606		5,500	7,496	67,610	33	11	5,404	158	64,761
14	Clothing, men's, factory product	4	147,000			10,500	136,500	8	15	12,800	159	44,790
15	Clothing, women's, dressmaking	22	81,840	15,000	52,000	4,285	10,555	29	25	9,950	183	31,944
16	Clothing, women's, factory product	3	169,650			11,500	158,150	3	20	10,900	241	60,163
17	Confectionery	12	89,250	200	400	33,118	55,532	9	40	28,392	133	37,156
18	Dyeing and cleaning	3	10,500	1,200	5,300	2,800	1,200	2	1	365	11	5,913
19	Electrical construction and repairs	3	4,875			1,775	3,100	4			2	860
20	Fish, canning and preserving	5	10,290	2,000	3,000	1,440	3,850	5			14	6,180
21	Flavoring extracts	4	61,832	1,372	7,717	5,575	47,168	3	14	27,000	40	19,560
22	Flouring and grist mill products	4	31,600	3,800	8,000	16,000	6,800	3	1	1,000	6	3,280
23	Foundry and machine shop products	18	985,587	140,100	125,500	193,900	526,087	19	36	42,408	528	257,801
24	Fruits and vegetables, canning and preserving.	3	122,935	600	2,025	35,008	85,302	4	3	3,681	55	20,544
25	Furniture, cabinetmaking, repairing, and upholstering.	11	19,350		500	4,385	14,465	12	4	2,500	43	24,045
26	Furniture, factory product	4	171,365	500	19,121	20,500	131,244	4	18	20,266	144	49,299
27	Lock and gun smithing	6	3,105		75	1,900	1,130	7			2	1,026
28	Looking-glass and picture frames	6	23,950			1,550	22,400	7	8	3,768	37	19,918
29	Lumber, planing mill products, including sash, doors, and blinds.	9	400,280	12,000	33,275	102,731	252,274	7	22	17,952	211	117,974
30	Marble and stone work	10	69,635	2,300	7,370	13,140	46,825	15	3	2,800	57	38,092
31	Masonry, brick and stone	12	37,920	7,900	2,250	4,820	22,950	15	3	1,900	141	94,035
32	Millinery, custom work	22	65,865	100	200	505	65,060	22	19	7,175	70	18,913
33	Oil, not elsewhere specified	3	12,685		4,000	3,550	5,135	3	1	1,000	8	1,370
34	Painting, house, sign, etc	32	54,030	1,500	700	5,737	46,093	35	1	780	128	66,922
35	Patent medicines and compounds	6	16,764			2,500	14,264	9	4	4,500	18	6,066
36	Paving and paving materials	3	7,550	3,000	1,000	900	2,650	2	5	2,125	19	6,300
37	Photography	10	20,600			10,375	10,225	11	2	720	16	5,187
38	Plastering and stuccowork	8	12,125		350	2,225	9,550	11	1	1,000	54	31,069
39	Plumbing, and gas and steam fitting	20	113,931	6,375	1,500	9,700	96,356	21	18	10,357	130	68,253
40	Printing and publishing, book and job	22	188,830	7,500	15,000	107,285	59,045	22	20	14,884	159	78,727
41	Printing and publishing, newspapers and periodicals.	19	337,893			120,016	217,877	9	56	40,515	268	127,777
42	Saddlery and harness	8	15,803		1,300	2,075	12,428	10			14	7,200
43	Ship and boat building, wooden	6	5,275		300	975	4,000	7			14	10,016
44	Shirts	3	1,228			625	603	3			4	1,000
45	Tinsmithing, coppersmithing, and sheet-iron working.	18	76,458		1,500	14,450	60,508	21	6	4,296	66	41,046
46	Tobacco, cigars and cigarettes	5	5,450			950	4,500	6			15	8,750
47	Watch, clock, and jewelry repairing	22	20,534			10,475	10,059	21	3	2,260	30	15,236
48	Wood, turned and carved	3	17,335	8,000	2,000	3,250	4,085	3			2	700
49	All other industries[1]	69	2,379,671	188,976	289,064	406,660	1,494,971	62	112	112,301	1,283	571,736

[1] Embraces agricultural implements, 1; babbitt metal and solder, 1; blacking, 1; boot and shoe cut stock, 1; boot and shoe findings, 1; bottling, 2; boxes, fancy and paper, 2; boxes, wooden packing, 1; brass castings and brass finishing, 1; bridges, 2; brooms and brushes, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by street railroad companies, 1; cleansing and polishing preparations, 1; coffee and spice, roasting and grinding, 1; cooperage, 2; cutlery and edge tools, 1; electrical apparatus and supplies, 2; electroplating, 2; engraving and diesinking, 1; fancy articles, not elsewhere specified, 1; fur goods, 1; fur hats, 1; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; hairwork, 1; hand stamps, 2; hats and caps, not including fur hats and

BY SPECIFIED INDUSTRIES: 1900—Continued.

PORTLAND.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
4,288	$2,252,430	1,380	$354,985	31	$5,402	$759,854	$158,207	$49,995	$411,266	$140,386	$5,566,225	$5,444,790	$121,435	$11,110,201	1
15	5,385	3	575			807	753	10	44		15,027	14,953	74	27,227	2
8	2,900					1,057	718	29	310		4,232	4,008	224	11,800	3
55	32,138					5,982	5,248	242	342	150	25,770	23,972	1,798	106,719	4
17	9,758	20	5,746			6,119	660	112	347	5,000	22,807	22,540	267	56,900	5
17	8,429					3,711	3,332	61	318		11,910	11,581	329	40,250	6
97	60,647	83	26,313			9,082	2,400	680	6,002		192,111	190,561	1,550	321,231	7
138	80,381	74	17,001			16,063	7,808	1,654	6,601		292,778	286,705	6,073	535,301	8
36	15,630					2,601	1,110	327	1,164		10,739	529	10,210	48,050	9
464	267,567			4	1,335	132,185	5,171	2,357	50,894	73,763	483,887	480,894	2,993	1,094,788	10
55	31,725	1	350	1	200	5,205	1,038	602	3,379	186	61,291	59,776	1,515	153,205	11
153	84,028					10,355		2,265	8,090		133,420	130,235	3,185	238,925	12
37	28,765	121	35,996			16,554	8,639	877	3,038	4,000	78,848	77,482	1,366	217,751	13
39	16,990	120	27,800			33,085	1,450	1,500	11,535	18,600	256,380	255,400	980	473,000	14
8	4,520	175	27,424			14,634	14,153	229	252		74,749	74,051	698	151,290	15
7	3,800	234	56,363			4,646	1,711	155	2,780		105,158	104,308	850	211,669	16
36	16,558	96	20,410	1	188	31,972	5,560	923	25,489		135,395	135,395		269,656	17
10	4,353	1	660			1,834	1,144	100	590		2,947	2,750	197	19,078	18
2	860					273	194	24	55		1,407	1,333	74	4,192	19
14	6,180					906	430	153	323		27,881	26,991	890	39,975	20
6	4,260	34	15,300			13,585	818	434	12,333		76,664	76,391	273	150,059	21
6	3,280					1,980	820	330	830		109,256	107,711	1,545	126,552	22
525	256,801	3	1,000			27,481	3,840	5,711	17,930		268,219	250,919	17,300	683,528	23
28	14,944	27	5,600			6,850	2,750	2,473	1,627		72,996	72,020	976	128,219	24
35	21,956	6	1,864	2	225	4,436	2,980	193	1,263		44,744	44,107	637	98,988	25
139	47,635	5	1,664			16,547	2,752	1,213	7,582	5,000	205,312	204,570	742	332,500	26
2	1,026					653	599	19	35		959	783	176	6,800	27
36	19,646	1	272			2,800	1,767	345	688		25,580	25,357	223	63,070	28
211	117,974					23,253	6,500	794	15,959		263,019	261,164	1,855	451,100	29
57	38,092					3,613	1,900	454	259	1,000	42,461	41,765	696	113,700	30
141	94,035					5,845	1,121	431	2,213	2,080	67,902	67,896	6	272,671	31
		70	18,913			8,840	7,432	256	1,152		161,090	160,568	522	240,166	32
3	1,370					284	124	50	100		10,365	9,775	590	14,500	33
128	66,922					5,368	3,510	292	1,366	200	52,914	52,633	281	158,742	34
7	3,250	8	2,300	3	516	6,740	1,560	50	5,130		27,392	27,103	289	59,490	35
19	6,300					501	280	31	190		6,413	6,376	37	17,800	36
9	3,530	7	1,657			3,425	2,462	121	692	150	7,216	6,903	313	25,215	37
54	31,069					1,200	979	13	208		13,600	13,528	72	54,970	38
130	68,253					9,894	4,940	789	4,145	20	212,645	211,259	1,386	360,026	39
129	68,251	29	10,320	1	156	19,711	5,325	844	6,752	6,790	79,218	75,752	3,466	244,789	40
190	100,983	64	24,864	14	1,930	64,312	8,712	1,832	43,999	9,769	59,140	55,069	4,071	359,421	41
14	7,200					1,758	1,460	60	238		10,908	10,711	197	29,045	42
14	10,016					643	590	13	40		1,750	1,740	10	22,350	43
		4	1,000			279	279				1,665	1,645	20	4,400	44
65	40,696	1	350			9,713	6,404	444	2,515	350	53,474	52,544	930	172,233	45
14	8,350	1	400			2,234	674	53	1,507		9,115	8,995	120	23,450	46
27	14,200	2	900	1	136	11,470	3,387	95	824	7,164	22,871	22,494	377	78,282	47
2	700					426	110	106	210		1,403	1,341	62	4,200	48
1,089	521,077	190	49,948	4	716	208,942	22,613	20,239	159,926	6,164	1,721,197	1,670,207	50,990	3,122,928	49

wool hats, 1; iron and steel, 1; ironwork, architectural and ornamental, 1; kindling wood, 1; lasts, 1; leather, tanned, curried, and finished, 1; lumber and timber products, 2; matches, 1; mattresses and spring beds, 1; mineral and soda waters, 1; models and patterns, 2; optical goods, 1; paints, 1; perfumery and cosmetics, 1; photolithographing and photoengraving, 1; pickles, preserves, and sauces, 1; plated and britannia ware, 2; pottery, terra cotta, and fire-clay products, 1; refrigerators, 1; roofing and roofing materials, 2; sausage, 1; show cases, 1; soap and candles, 1; stencils and brands, 1; taxidermy, 1; trunks and valises, 2; typewriter repairing, 1; umbrellas and canes, 1; window shades, 1; wirework, including wire rope and cable, 1.

TABLE 9.—MANUFACTURES IN CITIES AND

	CITIES AND TOWNS.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	Total for cities and towns	2,358	$57,552,485	$5,270,405	$8,205,349	$15,033,760	$29,042,971	2,636	1,360	$1,374,812	36,438	$13,756,874
2	Auburn	147	3,372,694	236,372	431,398	519,802	2,185,122	159	205	173,186	2,908	1,262,010
3	Augusta	171	3,488,474	110,035	426,750	1,466,965	1,484,724	190	102	117,290	2,227	798,638
4	Bath	142	3,256,726	338,399	365,951	688,690	1,863,686	154	83	87,551	2,249	1,191,092
5	Belfast	79	517,055	15,950	58,367	125,724	317,014	105	24	17,721	679	251,639
6	Biddeford	108	6,067,194	304,586	650,800	2,282,952	2,828,856	122	44	75,545	4,527	1,554,146
7	Brewer	44	735,924	83,450	166,100	111,110	375,264	47	25	22,540	364	170,268
8	Bridgton	43	738,503	83,787	171,630	176,744	306,342	54	12	9,469	376	132,539
9	Bristol	37	205,495	25,925	43,000	65,870	70,700	40	4	4,650	226	65,030
10	Brunswick	80	1,673,359	166,450	267,428	610,551	628,930	85	33	29,754	970	350,726
11	Bucksport	26	84,480	3,410	16,010	29,335	35,725	31	------	------	84	31,690
12	Calais	73	1,715,940	463,263	108,848	184,067	959,762	82	42	41,650	855	317,575
13	Camden	55	1,680,251	137,732	125,971	271,714	1,144,834	59	34	29,519	841	382,191
14	Caribou	38	206,125	12,700	36,600	61,200	95,625	43	8	3,255	125	43,010
15	Eastport	62	3,037,366	75,954	255,855	621,367	2,084,190	65	69	61,838	2,213	479,805
16	Ellsworth	82	696,999	157,375	50,430	129,990	359,204	92	24	14,412	452	185,292
17	Fairfield	32	788,971	104,050	74,100	354,575	256,246	32	19	16,464	414	134,660
18	Fort Fairfield	37	148,225	18,800	40,800	32,620	56,005	40	7	2,290	72	23,365
19	Gardiner	79	1,709,577	314,950	269,200	374,182	751,245	85	56	56,696	1,093	495,139
20	Gorham	26	73,508	7,303	24,742	18,716	22,747	31	1	414	34	12,538
21	Hallowell	38	1,029,678	121,825	128,350	147,254	632,249	43	34	48,760	642	314,614
22	Kennebunk	45	747,024	51,850	53,660	241,149	400,365	41	33	32,970	579	229,176
23	Kittery	8	8,627	1,085	765	2,055	4,722	8	------	------	9	3,471
24	Lisbon	42	2,480,636	131,731	431,894	744,467	1,172,544	34	37	53,985	998	364,775
25	North Berwick	21	312,279	31,450	25,000	42,330	213,499	31	5	5,500	229	71,006
26	Norway	40	368,801	3,705	21,975	75,610	267,511	49	14	13,040	430	166,027
27	Old Town	86	1,893,161	125,814	487,694	477,301	802,352	89	50	44,570	1,182	428,018
28	Orono	28	1,444,080	159,290	232,530	352,698	699,562	34	21	30,023	575	230,836
29	Paris	35	258,158	7,316	50,250	46,180	154,412	38	12	10,222	320	104,671
30	Pittsfield	35	1,174,353	56,568	234,158	275,357	608,270	38	17	21,031	589	209,714
31	Presque Isle	38	177,595	24,250	20,950	38,625	93,770	43	8	5,810	88	30,270
32	Richmond	24	194,926	6,500	34,925	76,565	76,936	26	10	6,844	169	43,868
33	Rockland	118	1,708,483	297,263	559,000	263,331	588,889	158	45	33,473	860	358,969
34	Saco	71	2,151,434	118,129	256,988	400,553	1,375,764	77	12	23,897	2,025	619,462
35	Sanford	67	3,246,015	130,265	272,500	572,795	2,270,455	66	85	84,645	1,893	698,385
36	Skowhegan	69	941,681	182,400	108,500	195,172	455,609	75	29	32,019	617	245,314
37	South Berwick	25	637,153	28,525	112,550	118,360	377,718	22	26	23,870	506	190,047
38	Thomaston	35	501,265	183,150	84,625	21,480	212,010	51	10	9,100	215	108,610
39	Waldoboro	41	158,033	22,327	18,575	44,834	72,297	52	6	3,439	195	74,002
40	Waterville	89	3,972,016	181,050	826,050	1,506,877	1,458,039	99	56	54,512	2,203	779,308
41	Westbrook	42	3,950,221	745,421	660,430	1,264,593	1,279,777	46	52	72,858	1,405	604,978

TOWNS UNDER 20,000 IN POPULATION: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
24,866	$10,879,016	10,330	$2,695,437	1,242	$182,421	$4,195,927	$410,468	$385,122	$2,781,303	$619,034	$33,162,865	$32,158,816	$1,004,049	$60,254,724	1
1,985	957,686	880	298,140	43	6,184	257,089	20,209	25,317	200,563	11,000	4,144,815	4,110,398	34,417	6,326,851	2
1,242	587,828	910	196,434	75	14,376	666,785	29,506	25,765	355,258	256,256	1,459,662	1,418,883	40,779	3,822,679	3
2,147	1,167,749	99	22,961	3	382	179,255	12,239	11,801	106,306	48,909	2,126,388	2,074,324	52,064	4,036,815	4
392	173,535	281	77,272	6	832	36,035	6,389	2,495	19,854	7,297	540,314	524,964	15,350	964,738	5
2,404	954,745	1,927	567,315	196	32,086	519,361	12,413	89,810	264,121	153,017	3,098,244	3,050,019	48,225	5,769,844	6
328	160,890	36	9,378	------	------	72,121	8,393	6,329	34,559	22,840	540,326	527,709	12,617	889,779	7
303	109,367	73	23,172	------	------	37,577	2,201	2,555	32,696	125	409,096	394,072	15,024	662,391	8
168	52,520	31	7,835	27	4,675	5,593	275	1,128	3,190	1,000	137,965	134,912	3,053	266,380	9
516	227,317	392	113,761	62	9,648	118,462	8,385	11,809	97,518	750	551,472	539,040	12,432	1,194,275	10
78	30,828	6	862	------	------	5,243	1,095	1,230	2,918	------	90,919	90,379	540	160,014	11
697	289,403	156	27,912	2	260	98,317	4,538	15,859	77,570	350	872,768	863,780	8,988	1,493,126	12
639	333,339	202	48,852	------	------	60,560	4,504	4,925	50,131	1,000	933,518	913,868	19,650	1,618,017	13
111	40,660	11	2,050	3	300	8,289	2,124	1,542	4,523	100	200,245	196,281	3,964	341,294	14
1,218	354,732	697	92,571	298	32,502	48,714	5,857	5,201	37,481	175	1,020,605	992,192	28,413	1,905,808	15
374	159,041	78	26,251	------	------	24,941	4,275	3,670	16,246	750	482,746	475,571	7,175	808,858	16
384	125,916	29	8,594	1	150	14,840	2,279	2,247	10,314	------	330,415	312,364	18,051	552,083	17
63	21,805	9	1,560	------	------	4,898	1,305	882	2,711	------	140,163	137,568	2,595	232,327	18
891	449,019	202	46,120	------	------	119,036	28,900	11,373	77,763	1,000	1,760,828	1,710,747	50,081	2,930,865	19
31	11,823	3	715	------	------	3,712	1,392	1,312	1,008	------	50,442	48,826	1,616	90,468	20
526	285,261	116	29,353	------	------	127,595	1,995	3,966	30,394	91,240	634,957	627,002	7,955	1,247,687	21
432	191,360	135	35,907	12	1,909	69,058	6,808	2,671	59,579	------	485,372	476,563	8,809	936,399	22
9	3,471	------	------	------	------	314	95	16	203	------	7,662	7,535	127	16,129	23
702	287,803	278	73,978	18	2,994	141,628	1,073	15,172	125,383	------	1,038,116	985,118	52,998	1,820,291	24
152	57,003	77	14,003	------	------	23,307	592	2,521	20,194	------	206,230	200,882	5,348	343,041	25
272	122,089	158	43,938	------	------	23,928	5,003	2,367	16,558	------	540,371	534,098	6,273	824,900	26
937	389,950	213	35,519	32	2,549	132,983	16,322	11,580	99,369	5,712	1,467,466	1,416,867	50,599	2,239,837	27
557	226,764	18	4,072	------	------	92,186	157	7,776	79,775	4,478	704,991	643,250	61,741	1,345,535	28
305	101,681	6	1,750	9	1,240	16,238	1,477	2,047	12,714	------	216,752	213,969	2,783	386,455	29
415	154,028	162	53,862	12	1,824	85,240	2,293	3,757	79,190	------	535,447	520,303	15,144	1,020,258	30
77	28,260	9	1,760	2	250	10,491	2,086	1,244	7,161	------	162,707	161,150	1,557	273,716	31
75	24,673	75	17,425	19	1,770	7,664	723	645	5,746	550	148,212	144,193	4,019	225,804	32
652	320,374	187	36,800	21	1,795	107,276	21,890	12,277	69,209	3,900	851,806	739,125	112,681	1,557,607	33
1,339	467,818	591	132,469	95	19,175	195,758	7,034	21,440	167,134	150	1,120,293	1,070,349	49,944	2,244,025	34
1,011	435,596	766	238,643	116	24,146	240,060	3,173	7,333	229,304	250	1,891,762	1,811,671	80,091	3,254,890	35
473	209,399	135	34,570	9	1,345	43,068	14,106	4,505	23,044	1,413	761,463	748,237	13,226	1,252 955	36
322	142,156	184	47,891	------	------	39,370	994	3,229	35,138	9	480,533	474,266	6,267	788,899	37
206	107,060	9	1,550	------	------	9,854	1,868	1,450	6,536	------	226,996	194,311	32,685	442.716	38
174	70,252	21	3,750	------	------	5,983	1,674	1,368	2,553	388	161,731	158,545	3,186	313.072	39
1,235	555,564	787	201,715	181	22,029	196,034	10,016	26,586	157,057	2,375	1,256,801	1,236,588	20,213	2,802.236	40
1,024	490,251	381	114,727	------	------	347,064	154,810	27,922	160,332	4,000	1,372,266	1,278,897	93,369	2,851,660	41

MARYLAND.

Table 1 shows the manufacturing and mechanical industries of the state of Maryland as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	9,879	7,485	6,787	5,812	3,083	3,725	32.0	10.3	16.8	88.5	[1]17.2
Capital	$163,147,260	$119,667,316	$58,742,384	$36,438,729	$23,230,608	$14,934,450	36.3	103.7	61.2	56.9	55.6
Salaried officials, clerks, etc., number	7,585	2,9,246	(3)	(3)	(3)	(3)	[1]18.0	-------	-------	-------	-------
Salaries	$7,380,263	[2]$7,085,418	(3)	(3)	(3)	(3)	4.2	-------	-------	-------	-------
Wage-earners, average number	108,325	97,808	74,945	44,860	23,403	30,212	10.8	30.5	67.1	57.9	[1]6.0
Total wages	$38,748,551	$34,441,414	$18,904,965	$12,682,817	$7,190,672	$7,403,832	12.5	82.2	49.1	76.4	[1]2.9
Men, 16 years and over	72,824	67,261	46,698	34,061	21,630	22,729	8.3	44.0	37.1	57.5	[1]4.8
Wages	$31,872,361	$29,049,820	(3)	(3)	(3)	(3)	9.7	-------	-------	-------	-------
Women, 16 years and over	29,617	26,432	21,700	8,278	6,773	7,483	12.0	21.8	162.1	22.2	[1]9.5
Wages	$6,112,187	$5,009,548	(3)	(3)	(3)	(3)	22.0	-------	-------	-------	-------
Children, under 16 years	5,884	4,115	6,547	2,521	(3)	(3)	43.0	[1]37.1	159.7	-------	-------
Wages	$764,003	$382,046	(3)	(3)	(3)	(3)	100.0	-------	-------	-------	-------
Miscellaneous expenses	$17,209,623	$10,616,347	(4)	(4)	(4)	(4)	62.1	-------	-------	-------	-------
Cost of materials used	$144,397,680	$92,059,390	$66,937,846	$46,897,032	$25,494,007	$17,690,836	56.9	37.5	42.7	84.0	44.1
Value of products, including custom work and repairing	$242,552,990	$171,842,593	$106,780,563	$76,593,613	$41,735,157	$33,043,892	41.1	60.9	39.4	83.5	26.3
Total population	1,188,044	1,042,390	934,943	780,894	687,049	583,034	14.0	11.5	19.7	13.7	17.8
Wage-earners engaged in manufactures	108,325	97,808	74,945	44,860	28,403	30,212	10.8	30.5	67.1	57.9	[1]6.0
Per cent of total population	9.1	9.4	8.0	5.7	4.1	5.2	-------	-------	-------	-------	-------
Assessed value of real estate	[5]$616,719,782	$411,900,246	$368,442,913	$286,910,332	$65,341,438	$139,026,610	49.7	11.8	28.4	339.1	[1]53.0
Value of land and buildings invested in manufactures [6]	$45,704,854	$31,268,516	(3)	(3)	(3)	(3)	46.2	-------	-------	-------	-------
Per cent of assessed value	7.4	7.6	-------	-------	-------	-------	-------	-------	-------	-------	-------

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[3] Not reported separately.
[4] Not reported.
[5] As given in the Maryland Manual for 1900.
[6] Does not include value of rented property.

Although Maryland is not preeminently a manufacturing state, Table 1 shows that there has been a steady growth in its manufacturing and mechanical industries during the half century. The population during these years increased from 583,034 to 1,188,044, or 103.8 per cent, while the average number of wage-earners employed in manufacturing establishments increased from 30,212 to 108,325, or 258.5 per cent, embracing, in 1900, 9.1 per cent of the entire population, compared with 5.2 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 149,069, or 12.5 per cent of the total population of the state. The industries of the province of Maryland were localized largely in and near the city of Baltimore, which was founded in 1729, and the same localization is shown at the present census.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for a governmental establishment, eleemosynary and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	11,528	$164,147,926	13,033	108,851	$38,808,476	$17,289,196	$144,667,911	$36,474,217	$103,716,326	$4,477,368	$243,303,056
Hand trades[1]	4,549	9,020,693	4,920	11,275	5,125,026	2,231,748	9,645,423	101,225	9,418,526	125,672	22,529,232
Governmental establishment	1	169,100		13	4,689		8,463		7,763	700	13,652
Eleemosynary and penal institutions	6	280,973		270	43,402	17,142	111,131	30,152	75,273	5,706	215,298
Establishments with a product of less than $500	1,642	550,593	1,910	243	11,834	62,431	150,637	13,963	136,498	176	521,121
All other establishments	5,330	154,126,567	6,203	97,050	33,623,525	14,977,875	134,752,257	36,328,877	94,078,266	4,345,114	220,023,758

[1] Includes bicycle and tricycle repairing, 70; blacksmithing and wheelwrighting, 877; boots and shoes, custom work and repairing, 719; carpentering, 393; clothing, men's, custom work and repairing, 408; clothing, women's, dressmaking, 583; dyeing and cleaning, 58; furniture, cabinetmaking, repairing, and upholstering, 136; lock and gun smithing, 59; masonry, brick and stone, 106; millinery, custom work, 235; painting, house, sign, etc., 308; paper hanging, 107; plastering and stuccowork, 46; plumbing, and gas and steam fitting, 245; sewing machine repairing, 11; watch, clock, and jewelry repairing, 188.

Of the 11,528 establishments of all classes, shown in this table, 6,191, or 53.7 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $23,050,353, or only 9.5 per cent of the total products of the state.

In addition to the 11,528 active establishments in the state during the census year, with a capital of $164,147,926, shown in Table 2, there were 37 idle establishments, with a capital of $1,226,058, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Ammunition	1	$142,628	Lumber and timber products	10	$8,975
Dye stuffs and extracts	1	10,965	Paper and wood pulp	2	38,000
Flouring and grist mill products	3	12,405	Pottery, terra cotta, and fire-clay products	2	135,000
Iron and steel	3	247,934	Sugar and molasses, refining	1	75,000
Leather, tanned, curried, and finished	1	8,750	Woolen goods	1	10,000
Liquors, distilled	3	110,000	All other industries	7	16,401
Liquors, malt	2	410,000			

TABLE 3.—COMPARATIVE SUMMARY OF FIFTEEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	2,015	$62,283,110	46,930	$15,688,630	$8,368,420	$64,528,191	$103,471,334
	1890	1,595	51,200,510	48,810	13,315,103	3,844,759	43,905,463	72,718,247
Increase, 1890 to 1900		420	11,082,600	[1]1,880	2,373,527	4,523,661	20,622,728	30,753,087
Per cent of increase		26.3	21.6	[1]3.9	17.8	117.7	47.0	42.3
Per cent of total of all industries in state	1900	20.4	38.2	43.3	40.5	48.6	44.7	42.7
	1890	21.3	42.8	49.9	38.7	36.2	47.7	42.3
Clothing, men's, factory product	1900	139	8,458,116	9,725	3,179,069	1,502,530	10,241,708	17,327,825
	1890	125	9,782,643	12,700	3,766,670	406,166	8,123,073	15,082,924
Fertilizers	1900	40	7,003,376	1,016	457,692	354,344	3,643,846	5,481,905
	1890	53	6,935,914	1,051	492,682	459,109	3,984,178	6,208,025
Flouring and grist mill products	1900	407	3,428,996	541	229,335	225,357	6,731,805	8,035,343
	1890	335	3,007,730	625	240,063	236,607	5,778,873	6,904,888
Foundry and machine shop products	1900	113	6,381,676	4,695	2,251,777	456,175	3,322,658	8,443,547
	1890	81	4,669,891	3,352	1,665,907	241,148	1,875,508	4,925,672
Fruits and vegetables, canning and preserving	1900	271	4,459,660	7,505	1,379,131	371,108	8,786,518	11,996,245
	1890	197	2,739,008	13,048	1,416,386	151,496	4,416,352	7,196,109
Furniture, factory product	1900	42	1,584,984	1,869	822,540	155,614	1,212,226	2,976,494
	1890	33	1,296,831	1,376	582,129	77,592	1,053,759	2,110,955
Iron and steel	1900	9	2,892,690	2,138	1,029,753	508,298	6,888,916	8,739,405
	1890	10	3,717,574	1,247	371,993	46,077	2,217,173	2,869,208
Lumber and timber products	1900	367	2,622,928	1,964	476,776	63,004	1,390,357	2,650,082
	1890	217	1,459,895	1,552	335,909	54,928	840,941	1,600,472
Lumber, planing mill products, including sash, doors, and blinds	1900	52	3,259,501	1,287	529,262	141,244	2,310,655	3,553,083
	1890	45	1,990,138	1,174	661,361	131,296	2,005,755	3,332,563
Oysters, canning and preserving	1900	16	799,005	1,444	379,591	70,100	1,771,377	2,417,331
	1890	8	953,232	2,834	559,040	43,301	1,877,353	2,834,400
Paper and wood pulp	1900	21	2,720,877	937	326,474	105,571	1,730,910	2,589,540
	1890	17	919,766	472	171,209	157,569	552,604	1,001,945

[1] Decrease.

TABLE 3.—COMPARATIVE SUMMARY OF FOURTEEN LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Shipbuilding:								
Total	1900	47	$4,446,023	2,615	$1,517,705	$141,565	$1,798,564	$4,161,525
	1890	34	1,315,262	1,043	620,483	92,677	737,457	1,737,674
Ship and boat building, wooden	1900	43	623,435	676	331,873	30,649	301,010	862,034
	[1] 1890							
Shipbuilding, iron and steel	1900	4	3,822,588	1,939	1,185,832	110,916	1,497,554	3,299,491
	[1] 1890							
Slaughtering:								
Total	1900	82	1,548,488	597	276,413	109,017	7,109,079	8,046,359
	1890	17	993,081	389	182,568	76,159	3,969,563	4,670,690
Slaughtering and meat packing, wholesale	1900	47	1,318,917	514	242,089	99,239	5,446,717	6,209,857
	1890	14	958,521	368	171,208	75,232	3,668,147	4,311,412
Slaughtering, wholesale, not including meat packing	1900	35	229,571	83	34,324	9,778	1,662,362	1,836,562
	1890	3	34,560	21	11,360	927	301,416	359,278
Textiles:								
Total	1900	22	9,351,313	6,286	1,526,685	473,178	4,053,682	7,155,722
	1890	32	7,819,324	4,921	1,219,583	378,667	3,890,186	6,218,131
Cotton goods	1900	11	7,709,256	4,727	1,186,014	397,016	3,039,396	5,423,251
	1890	15	7,296,793	4,256	1,055,536	354,478	3,378,016	5,457,792
Hosiery and knit goods	1900	4	311,508	682	119,456	21,981	347,250	514,093
	1890	8	149,656	289	44,566	9,747	87,315	180,823
Woolen goods	1900	4	1,330,549	877	221,215	54,181	667,036	1,218,378
	1890	9	372,875	376	119,481	14,442	424,855	579,516
Tobacco:								
Total	1900	387	3,325,477	4,311	1,306,427	3,691,315	3,535,890	9,896,928
	1890	391	3,600,221	3,026	1,029,120	1,291,967	2,582,688	6,074,591
Chewing, smoking, and snuff	1900	5	1,805,611	2,002	564,272	3,233,312	2,496,107	7,054,159
	1890	6	2,203,619	1,178	335,135	928,023	1,534,205	3,216,247
Cigars and cigarettes	1900	382	1,519,866	2,309	742,155	458,003	1,039,783	2,842,769
	1890	385	1,396,602	1,848	693,985	363,944	1,048,483	2,858,344

[1] Not separately reported in 1890.

The 15 leading industries of the state in 1900, as shown in Table 3, embraced 2,015 establishments, or 20.4 per cent of the total number in the state; used a capital of $62,283,110, or 38.2 per cent of the total; gave employment to 46,930 wage-earners, or 43.3 per cent of the total number; and paid $15,688,630, or 40.5 per cent of the total wages. The value of their products was $103,471,334, or 42.7 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

Table 3 shows that the factory manufacture of men's clothing is the most important industry in the state. The 139 establishments reported in 1900 gave employment to 9,725 wage-earners, or 9 per cent of the wage-earners employed in the state, and their products were valued at $17,327,825, or 7.1 per cent of the total value of the products of the state. In 1890 there were 125 establishments, 12,700 wage-earners, and products valued at $15,032,924. The increase in the value of products during the decade was $2,294,901, or 15.3 per cent.

There were 271 establishments engaged in 1900 in the canning and preserving of fruits and vegetables, the industry second in rank, with 7,505 wage-earners, and products valued at $11,996,245. In 1890 there were 197 establishments, with 13,048 wage-earners, and products valued at $7,196,109. The increase in the value of products during the decade was $4,800,136, or 66.7 per cent. The reduced number of employees is only apparent, the method of computation adopted at this census giving the average number for the entire year. The canning of fruits and vegetables is an industry restricted to a few months in the year; and during this period the highest number of employees in the industry in Maryland reached 22,907.

There were 9 establishments engaged in 1900 in the manufacture of iron and steel, the industry third in rank, with 2,138 wage-earners, and products valued at $8,739,405. In 1890 there were 10 establishments, with 1,247 wage-earners, and products valued at $2,869,208. The increase in the value of products during the decade was $5,870,197, or 204.6 per cent. Iron ore was smelted in Maryland on the lower Patuxent as early as 1649, and the industry was thoroughly established by 1717, small quantities of wrought iron being exported from the colony.[1] Small furnaces were built along a belt of ores in Prince George, Howard, Baltimore, Harford, and Cecil counties, and produced charcoal pig iron of a high grade. One of these plants, the Principio Furnaces, manufactured cannon, cannon balls, and hardware for the United States Government during the War of 1812.[2] From these older works developed rolling mills, such as the one at Mt. Savage, where were rolled the first heavy rails made in the United States, and establishments for making boiler and plate iron. One of these plants, located at Canton, devoted itself almost exclusively in 1861 to the manufacture of armor plates for the Government vessels, and made the armor for Ericsson's Monitor,[3] while other plants, such as the one built in 1870 at Cumberland to make iron rails,

[1] Manufactures of Maryland, Spencer, page 14.
[2] Maryland, Its Resources, Industries, and Institutions, by members of Johns Hopkins University and others, page 103.
[3] Ibid., page 107.

bolts, rivets, and fish plates, became manufacturers of steel. With the development of the Lake Superior ore district, the iron and steel interests moved westward, and many of these plants were closed. The revival of the industry in Maryland began in 1887 with the construction of a large iron and steel plant at Sparrow Point, a short distance southeast of the city of Baltimore. Its construction marked an epoch in the manufacture of iron and steel in the United States. The ores are imported largely from Cuba, though some from Mediterranean ports are used, while the coal and coke are brought chiefly from Pennsylvania and West Virginia. An extensive plant is being built, however, to produce the coke needed, the gas by-product of which will be used as an illuminant and for fuel. A large proportion of the steel rail production finds a market abroad, shipments being made to Asia, Africa, Australia, and even to London.

There were 113 establishments engaged in the manufacture of foundry and machine shop products in 1900, with 4,695 wage-earners, and products valued at $8,443,547. In 1890 there were 81 establishments, with 3,352 wage-earners, and products valued at $4,925,672. The increase in the value of products during the decade was $3,517,875, or 71.4 per cent.

There were 407 establishments engaged in the manufacture of flouring and grist mill products in 1900, with 541 wage-earners, and products valued at $8,035,343. In 1890 there were 335 establishments, with 625 wage-earners, and products valued at $6,904,888. The increase in the value of products during the decade was $1,130,455, or 16.4 per cent. This industry is one of the oldest in the state, the mills in the early years of its history turning out more flour than the inhabitants required.

There were 5 establishments engaged in the manufacture of chewing and smoking tobacco and snuff in 1900, with 2,002 wage-earners, and products valued at $7,054,159. In 1890 there were 6 establishments, with 1,178 wage-earners, and products valued at $3,216,247. The increase in the value of products during the decade was $3,837,912, or 119.3 per cent. There were 382 establishments engaged in the manufacture of cigars and cigarettes in 1900, with 2,309 wage-earners, and products valued at $2,842,769. In 1890 there were 385 establishments, with 1,848 wage-earners, and products valued at $2,858,344. The decrease in the value of products during the decade was $15,575, or one-half of 1 per cent.

There were 47 establishments engaged in slaughtering and meat packing in 1900, with 514 wage-earners, and products valued at $6,209,857. In 1890 there were 14 establishments, with 368 wage-earners, and products valued at $4,311,412. The increase in the value of products during the decade was $1,898,445, or 44 per cent. There were 35 establishments engaged in slaughtering, not including meat packing, in 1900, with 83 wage-earners, and products valued at $1,836,502. In 1890 there were 3 establishments, with 21 wage-earners, and products valued at $359,278. The increase in the value of products during the decade was $1,477,224, or 411.2 per cent.

There were 40 establishments engaged in the manufacture of fertilizers in 1900, with 1,016 wage-earners, and products valued at $5,481,905. In 1890 there were 53 establishments, with 1,051 wage-earners, and products valued at $6,208,025. The decrease in the value of products during the decade was $726,120, or 11.7 per cent. The increase of tobacco culture and other forms of agriculture made the importation of fertilizers a necessity, and in 1832 the first guano from Peru arrived at Baltimore.[1] Not long afterwards the manufacture of crushed bone was begun; this material was subsequently combined with phosphate rock from South Carolina, guano from the island of Navassa, in the West Indies, and kainit from Germany.[2]

There were 14 establishments engaged in the manufacture of cotton goods in 1900, with 4,727 wage-earners, and products valued at $5,423,251. In 1890 there were 15 establishments, with 4,256 wage-earners, and products valued at $5,457,792. The decrease in the value of products during the decade was $34,541, or six-tenths of 1 per cent. Linsey-woolsey and osnaburgs were made in Maryland by household servants as early as 1649.[2] Cotton from the Southern states has been used for nearly eighty years in the factories of the state, and Baltimore cotton duck has become world-famous. This product was, to a certain extent, an outgrowth of Baltimore's importance as a shipbuilding center, and since 1822 it has not only overshadowed the other textile products of Maryland, but has made Baltimore the largest cotton duck manufacturing city in the United States. Woodberry is a flourishing community built up almost entirely by the cotton industry.

There were 4 establishments engaged in the manufacture of woolen goods in 1900, with 877 wage-earners, and products valued at $1,218,378. In 1890 there were 9 establishments, with 376 wage-earners, and products valued at $579,516. The increase in the value of products during the decade was $638,862, or 110.2 per cent. There were 4 establishments engaged in the manufacture of hosiery and knit goods in 1900, with 682 wage-earners, and products valued at $514,093. In 1890 there were 8 establishments, with 289 wage-earners, and products valued at $180,823. The increase in the value of products during the decade was $333,270, or 184.3 per cent.

There were 52 establishments engaged in the manufacture of planing mill products in 1900, with 1,287 wage-earners, and products valued at $3,553,083. In 1890 there were 45 establishments, with 1,174 wage-earners, and products valued at $3,332,563. The increase in the value of products during the decade was $220,520, or 6.6 per cent.

There were 4 establishments engaged in iron and steel shipbuilding in 1900, with 1,939 wage-earners, and products valued at $3,299,491. There were 43 establishments engaged in wooden ship and boat building in 1900, with 676 wage-earners, and products valued at $862,034. The two branches of the shipbuilding industry were not shown

[1] Maryland, Its Resources, Industries, and Institutions, page 345.
[2] Manufactures of Maryland, page 11.

separately in 1890. In that year 34 establishments were reported for the entire industry, with 1,043 wage-earners, and products valued at $1,737,674. The increase in the value of products during the decade was $2,423,851, or 139.5 per cent. As early as 1675, boats and small sailing vessels were built in Miles River, on the eastern shore of Chesapeake Bay,[1] and in 1790, according to one authority, Maryland built as many vessels as any two of the states of New York, Connecticut, and Rhode Island, and more than the state of New Hampshire.[2] Many of these earlier vessels, known as "Baltimore clippers," attained importance during the second war with Great Britain, and became potent in widening the markets for Maryland flour in the West Indies and Brazil, and in directing the return coffee trade of Brazil. Small boat building was carried on in Allegany and Talbot counties, while large vessels were constructed at Baltimore.[3] In 1860, 23 establishments were reported, with a capital of $348,600, and products valued at $711,372. With the substitution of steam for sailing vessels, and the use of iron or steel instead of wood in their construction, the industry declined, particularly at Baltimore. Between 1885 and 1890 there was a decided revival, and the increase continued through the decade ending in 1900. The largest establishment in Baltimore city proper has built vessels for the United States Navy, and in 1890 it completed an oil-tank steamer, said to be the first of its kind constructed on this side of the Atlantic. At the Sparrow Point works, near the city, was built, as it is claimed, the first "tramp" steamer made entirely in the United States, while the floating steel dry dock constructed there for the Algiers naval station at New Orleans is one of the largest steel dry docks in the world. The same establishment is building two 10,000-ton steamers for the trans-Atlantic trade.

There were 42 establishments engaged in the manufacture of furniture in 1900, with 1,869 wage-earners, and products valued at $2,976,494. In 1890 there were 33 establishments, with 1,376 wage-earners, and products valued at $2,110,955. The increase in the value of products during the decade was $865,539, or 41 per cent.

There were 367 establishments engaged in the manufacture of lumber and timber products in 1900, with 1,964 wage-earners, and products valued at $2,650,082. In 1890 there were 217 establishments, with 1,552 wage-earners, and products valued at $1,600,472. The increase in the value of products during the decade was $1,049,610, or 65.6 per cent.

There were 21 establishments engaged in the manufacture of paper and wood pulp in 1900, with 937 wage-earners, and products valued at $2,589,540. In 1890 there were 17 establishments, 472 wage-earners, and products valued at $1,001,945. The increase in the value of products during the decade was $1,587,595, or 158.5 per cent.

There were 16 establishments engaged in the canning and preserving of oysters in 1900, with 1,444 wage-earners, and products valued at $2,417,331. In 1890 there were 8 establishments, 2,834 wage-earners, and products valued at $2,834,400. The decrease in the value of products during the decade was $417,069, or 14.7 per cent. The first oyster-packing house was established in Baltimore early in the last century,[4] and the industry is now also carried on at Annapolis, Cambridge, Oxford, St. Michaels, and Crisfield, the last-named city being built literally upon oyster shells.

In addition to the 15 leading industries, shown in Table 3, attention may be called to the somewhat varied history of sugar refining in the state. Beginning at Baltimore, in 1784,[5] it advanced so steadily that in 1870 there were 4 refineries in the state, with products valued at $7,007,857. Before 1890, however, the industry had disappeared, and in 1900 there was but 1 establishment in the state, and this was idle during the census year.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the city of Baltimore as returned at the censuses of 1880, 1890, and 1900, with the percentages of increase.

[1] Manufactures of Maryland, page 12.
[2] Ibid., page 29.
[3] Eighth Census of the United States, Manufactures, pages 220, 222, and 227.
[4] Maryland, Its Resources, Industries, and Institutions, page 303.
[5] Manufactures of Maryland, page 25.

TABLE 4.—COMPARATIVE SUMMARY, BALTIMORE, 1880, 1890, AND 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.			PER CENT OF INCREASE.	
	1900	1890	1880	1890 to 1900	1880 to 1890
Number of establishments	6,359	5,265	3,683	20.8	43.0
Capital	$117,062,459	$92,723,677	$38,586,773	26.2	140.3
Wage-earners, average number	78,738	76,489	56,338	2.9	35.8
Total wages	$29,220,460	$29,895,500	$15,117,489	[1] 2.3	97.8
Miscellaneous expenses	$14,512,809	$8,771,869	([2])	65.4	----------
Cost of materials used	$87,175,134	$73,770,001	$47,974,297	18.2	53.8
Value of products, including custom work and repairing	$161,249,240	$141,723,599	$78,417,304	13.8	80.7

[1] Decrease. [2] Not given.

It appears from Table 4 that there has been an increase during the past decade in the manufactures of the city of Baltimore. The number of establishments increased from 5,265 to 6,359, or 20.8 per cent; the average number of wage-earners from 76,489 to 78,738, or 2.9 per cent; and the value of products from $141,723,599 to $161,249,240, or 13.8 per cent. The increase in each of these particulars was smaller in Baltimore than in the state as a whole. The number of establishments, number of wage-earners, and value of products for this city constituted 64.4, 72.7, and 66.5 per cent, respectively, of the totals for the state.

Table 5 presents the totals for the manufacturing industries of the 7 cities and towns withdrawn from the enumerators, and places them in comparison with the totals for the entire state and the state exclusive of these cities and towns.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Total for state	9,879	$163,147,260	11,123	108,325	$38,748,551	$17,209,623	$144,397,680	$242,552,990
Total for urban manufactures	7,032	124,050,416	7,897	84,886	31,284,344	14,936,893	93,119,041	171,243,012
Annapolis	91	188,195	94	244	101,608	9,797	170,043	393,086
Baltimore	6,359	117,062,459	7,163	78,738	29,220,460	14,512,809	87,175,134	161,249,240
Cumberland	142	2,946,748	151	1,992	815,503	218,955	2,006,710	3,526,422
Frederick	133	1,217,702	149	1,131	252,383	69,893	1,054,449	1,727,094
Hagerstown	203	1,375,281	223	1,873	502,307	92,802	1,454,929	2,465,507
Havre de Grace	38	831,464	43	674	332,348	16,491	913,676	1,372,420
Westminster	66	428,567	74	234	59,735	16,146	344,100	509,243
Total for state exclusive of urban manufactures	2,847	39,096,844	3,226	23,439	7,464,207	2,272,730	51,278,639	71,309,978
Per cent of urban manufactures to total for state	71.2	76.0	71.0	78.4	80.7	86.8	64.5	70.6

Of the 9,879 establishments in the state, 7,032, or 71.2 per cent, were located in these 7 cities and towns. They furnished employment to 84,886 wage-earners, or 78.4 per cent of the total number, and the value of their products, $171,243,012, formed 70.6 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the city of Baltimore by specified industries.

Table 9 shows the totals for the cities and towns withdrawn from the enumerators, exclusive of the city of Baltimore.

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	9,879	$163,147,260	$14,069,288	$31,635,566	$29,203,714	$88,238,692	11,123	7,585	$7,380,263	108,325	$38,748,551
2	Allegany	250	6,375,175	400,701	1,410,740	1,983,479	2,580,255	257	244	239,745	4,035	1,526,949
3	Anne Arundel	124	3,012,756	475,166	438,053	722,311	1,377,232	120	75	79,714	1,711	596,917
4	Baltimore	334	17,344,184	742,671	5,329,513	3,845,938	7,426,062	334	288	388,232	6,714	3,073,951
5	Baltimore city	6,359	117,062,459	10,235,468	21,231,486	17,888,603	67,706,902	7,163	6,267	6,190,269	78,738	29,220,460
6	Calvert	35	77,721	12,445	14,975	32,775	17,526	38	2	1,100	104	28,309
7	Caroline	118	395,577	49,938	54,210	132,578	158,851	132	23	9,714	688	129,666
8	Carroll	300	1,672,197	92,366	264,840	373,914	941,077	332	54	27,251	1,118	304,173
9	Cecil	150	1,681,081	117,549	298,297	442,587	822,648	169	73	74,755	1,160	411,014
10	Charles	40	103,730	45,410	13,005	36,220	9,095	42	1	320	50	14,235
11	Dorchester	132	807,845	92,934	90,813	232,090	392,008	155	43	16,391	913	146,977
12	Frederick	353	2,386,538	276,767	664,647	511,727	933,397	386	115	67,353	1,833	473,122
13	Garrett	110	1,216,655	456,503	79,380	336,753	344,019	148	26	16,228	443	153,616
14	Harford	295	2,001,749	335,801	246,428	486,271	933,249	330	43	31,478	1,937	595,072
15	Howard	82	1,196,441	107,527	249,669	312,767	526,478	91	27	34,557	967	211,426
16	Kent	77	505,151	50,285	86,050	138,752	230,064	86	10	5,500	387	92,796
17	Montgomery	131	273,805	28,550	72,085	72,510	100,660	144	4	1,950	109	33,261
18	Prince George	57	467,471	54,705	153,324	91,825	167,617	67	12	13,180	426	94,849
19	Queen Anne	75	227,692	20,652	48,690	69,260	89,090	87	2	2,400	186	49,269
20	St. Mary	8	80,162	10,222	4,950	13,400	51,590	9	6	2,000	38	10,486
21	Somerset	93	475,641	67,712	60,400	129,573	217,956	125	15	7,821	819	154,161
22	Talbot	114	604,621	44,447	91,684	179,118	289,372	127	33	20,511	611	158,612
23	Washington	376	3,107,123	191,249	481,643	704,538	1,729,693	420	133	105,591	2,692	766,318
24	Wicomico	165	1,503,231	102,170	190,750	341,168	869,143	218	61	32,260	1,868	341,369
25	Worcester	101	568,255	58,056	59,934	125,557	324,708	143	28	11,943	778	161,543

TABLE 7.—MANUFACTURES BY

1	All industries	9,879	$163,147,260	$14,069,288	$31,635,566	$29,203,714	$88,238,692	11,123	7,585	$7,380,263	108,325	$38,748,551
2	Artificial feathers and flowers	6	33,065			3,045	30,020	10	5	6,520	237	36,190
3	Awnings, tents, and sails	32	78,690	400	1,400	8,890	68,000	41	8	2,860	114	53,006
4	Bags, other than paper	7	218,553	8,150	2,300	30,610	182,493	9	8	10,820	121	31,582
5	Baking and yeast powders	7	97,668			9,725	87,943	7	43	41,934	106	33,854
6	Baskets, and rattan and willow ware	30	81,729	10,300	16,400	12,034	42,995	31	7	4,400	134	31,396
7	Bicycle and tricycle repairing	70	64,665	4,550	2,930	18,725	38,460	77	4	2,700	73	23,954
8	Blacking	3	12,501			1,417	11,084	3	6	9,794	12	2,982
9	Blacksmithing and wheelwrighting	877	919,520	171,937	263,700	139,414	344,469	949	4	3,184	711	295,621
10	Bluing	3	890			255	635	3			5	1,000
11	Bookbinding and blank book making	22	112,395	7,925	20,800	48,370	35,300	25	15	10,089	196	70,977
12	Boot and shoe cut stock	3	31,875	400	3,000	2,475	26,000	3	7	3,800	11	4,720
13	Boot and shoe uppers	12	23,390	3,700	4,700	2,865	12,125	12			15	5,295
14	Boots and shoes, custom work and repairing.	719	522,867	127,681	205,845	61,620	127,721	730	7	2,900	341	126,035
15	Boots and shoes, factory product	19	499,609	12,500	26,800	167,326	292,983	26	44	50,236	896	289,194
16	Bottling	29	370,803	71,900	125,700	35,733	137,470	30	33	30,830	160	71,768
17	Boxes, cigar	10	62,352	8,200	10,040	9,265	34,847	10	3	2,232	96	30,362
18	Boxes, fancy and paper	11	135,796	8,200	10,200	46,060	71,336	13	32	16,268	356	77,699
19	Boxes, wooden packing	26	668,018	62,850	89,541	110,414	405,213	36	30	25,922	1,211	363,001
20	Brass castings and brass finishing	7	95,098	10,950	10,450	29,079	44,619	6	11	9,932	96	36,584
21	Brassware	3	60,465		475	35,213	24,777	8	11	14,066	39	10,702
22	Bread and other bakery products	468	1,944,602	277,436	645,485	655,640	366,041	479	181	118,146	1,624	604,773
23	Brick and tile	45	3,992,800	1,586,110	1,002,355	1,001,091	403,244	50	57	52,899	1,501	453,143
24	Brooms and brushes	42	338,421	14,775	48,100	58,423	217,123	53	21	18,570	435	135,899
25	Carpentering	393	1,808,663	180,651	252,723	221,680	1,153,609	425	49	45,566	2,516	1,265,961
26	Carpets, rag	21	45,450	2,058	3,600	13,726	26,066	28	4	3,000	119	30,966
27	Carriage and wagon materials	6	188,254	21,400	32,324	32,924	101,606	7	16	13,320	145	44,443
28	Carriages and wagons	178	835,342	97,399	173,255	97,466	467,222	223	27	20,356	822	339,949
29	Cars and general shop construction and repairs by steam railroad companies.	19	2,877,954	298,490	1,547,939	550,609	480,916		134	100,843	3,620	1,849,737
30	Cheese and butter, urban dairy products.	4	1,800	480	1,070	195	55	4				
31	Cheese, butter, and condensed milk, factory product.	84	234,058	12,541	47,770	118,440	55,307	91	18	7,312	113	33,998
32	Chemicals	7	1,806,272	551,000	239,182	505,465	510,625	3	33	51,424	475	246,454
33	China decorating	5	14,715	1,000	1,500	1,195	11,020	5	5	3,801	18	5,218
34	Clothing, men's, custom work and repairing.	408	1,681,280	87,408	152,228	51,297	1,390,347	474	187	112,205	1,534	742,559
35	Clothing, men's, factory product	139	8,458,116	135,700	356,200	419,434	7,546,782	253	766	719,535	9,725	3,179,069
36	Clothing, men's, factory product, buttonholes.	8	7,295	400	1,300	4,915	680	9			39	11,384
37	Clothing, women's, dressmaking	583	327,052	51,300	97,925	47,630	130,197	616	17	11,022	1,263	303,994
38	Clothing, women's, factory product	61	841,345	3,000	12,500	91,052	734,793	100	151	127,941	2,175	562,710
39	Coffee and spice, roasting and grinding	11	227,400	3,200	10,300	40,300	173,600	15	63	107,602	97	35,087
40	Confectionery	138	1,003,246	85,394	262,675	219,505	435,672	154	147	121,364	1,030	307,510
41	Cooperage	46	414,727	75,653	92,420	41,995	204,659	54	18	11,780	415	174,587
42	Corsets	4	50,630	10,000	20,000	4,620	16,010	4	14	3,328	37	8,870

BY COUNTIES: 1900.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
72,824	$31,872,361	29,617	$6,112,187	5,884	$764,003	$17,209,623	$1,857,642	$890,085	$11,872,141	$2,589,755	$144,397,680	$141,169,724	$3,227,956	$242,552,990	1
3,629	1,441,538	261	57,128	145	28,283	328,587	35,000	33,229	255,053	5,305	3,964,683	3,801,720	162,963	6,909,342	2
1,620	581,120	52	9,645	39	6,152	113,389	6,607	15,060	91,542	180	2,506,838	2,437,708	69,130	3,774,649	3
5,866	2,927,753	531	105,766	317	40,432	1,370,875	29,818	71,849	1,232,528	36,680	34,854,252	33,448,961	1,405,291	44,369,936	4
50,954	23,494,225	23,710	5,149,416	4,074	576,819	14,512,809	1,654,441	677,341	9,660,685	2,520,342	87,175,134	85,947,690	1,227,444	161,249,240	5
104	28,309	------	------	------	------	1,666	196	467	503	500	51,856	50,819	1,037	104,124	6
340	91,509	295	33,859	53	4,298	15,931	2,076	2,185	11,670	------	511,191	503,528	7,663	822,166	7
842	267,704	206	31,206	70	5,263	80,770	11,254	6,181	62,937	398	1,406,237	1,378,765	27,472	2,194,673	8
1,072	397,428	64	10,524	24	3,062	89,747	18,613	10,818	60,316	------	1,240,175	1,172,826	67,349	2,156,328	9
49	14,156	------	------	1	79	1,517	467	374	676	------	121,977	120,283	1,694	182,378	10
405	94,902	437	47,689	71	4,386	25,931	4,418	3,571	17,912	30	548,543	539,251	9,292	956,381	11
1,294	417,400	342	39,572	197	16,150	102,286	20,384	11,796	70,006	100	1,920,724	1,836,511	84,213	3,108,929	12
436	152,454	4	665	3	497	40,896	2,138	6,415	32,273	70	564,568	562,593	1,975	974,813	13
1,183	471,267	561	107,949	193	15,856	50,594	16,716	5,859	27,719	300	2,218,545	2,192,104	26,441	3,369,295	14
404	115,850	485	85,315	78	10,261	57,312	4,757	4,881	47,674	------	614,207	607,975	6,232	1,154,211	15
257	79,916	81	9,580	49	3,300	16,491	2,659	1,847	11,635	350	333,144	313,931	19,213	560,160	16
102	32,322	4	524	3	415	13,268	4,532	1,566	7,123	47	362,314	356,007	6,307	539,502	17
178	47,249	166	36,000	82	11,600	24,729	486	4,719	19,524	------	311,973	296,170	15,803	573,289	18
86	23,755	86	24,142	14	1,372	7,790	3,664	1,130	2,846	150	134,970	132,040	2,930	284,331	19
38	10,486	------	------	------	------	5,366	135	256	4,965	10	36,984	35,069	1,915	73,848	20
432	104,198	283	41,725	104	8,238	29,992	1,785	3,623	24,319	265	456,561	446,381	10,180	789,194	21
363	117,517	203	37,899	45	3,196	42,975	4,333	2,292	33,992	2,358	500,333	484,402	15,931	910,204	22
1,721	595,672	873	161,892	98	8,754	190,087	24,864	12,089	131,950	21,184	2,832,230	2,788,815	43,415	4,543,980	23
914	231,325	808	99,294	146	10,750	66,380	2,439	9,231	54,310	400	1,077,996	1,067,735	10,261	1,894,600	24
535	134,306	165	22,397	78	4,840	20,235	5,860	3,306	9,983	1,086	652,245	648,440	3,805	1,057,417	25

SPECIFIED INDUSTRIES: 1900.

72,824	$31,872,361	29,617	$6,112,187	5,884	$764,003	$17,209,623	$1,857,642	$890,085	$11,872,141	$2,589,755	$144,397,680	$141,169,724	$3,227,956	$242,552,990	1
12	3,800	158	24,740	67	7,650	6,063	2,490	13	3,560	------	26,830	26,806	24	114,520	2
83	45,576	29	7,262	2	168	7,863	6,337	222	1,304	------	112,471	111,838	633	227,033	3
30	11,750	90	19,712	1	120	14,216	3,286	2,379	8,551	------	364,381	363,834	547	454,095	4
53	25,567	53	8,287	------	------	25,772	7,102	878	17,792	------	219,409	215,095	4,314	345,278	5
110	28,996	22	2,000	2	400	12,249	3,131	323	1,295	7,500	76,166	75,555	611	154,719	6
65	22,848	------	------	8	1,106	12,114	9,236	338	2,229	311	46,572	45,696	876	135,778	7
3	1,270	3	750	6	962	1,087	840	58	189	------	15,084	14,841	243	30,682	8
693	293,680	------	------	18	1,941	54,656	35,244	6,501	11,813	1,098	372,153	350,755	21,398	1,321,263	9
4	850	1	150	------	------	406	329	------	77	------	3,227	3,219	8	7,320	10
88	48,994	94	20,233	14	1,750	12,656	6,233	829	3,394	2,200	36,282	35,216	1,066	173,376	11
10	4,600	------	------	1	120	1,370	650	320	400	------	71,660	71,410	250	99,500	12
15	5,295	------	------	------	------	1,508	1,259	56	193	------	25,247	25,117	130	40,030	13
325	123,174	8	2,380	8	481	81,062	57,008	6,055	8,211	9,788	253,076	248,436	4,640	834,112	14
597	220,030	285	67,264	14	1,900	38,480	8,168	1,351	28,961	------	676,359	671,038	5,321	1,129,153	15
159	71,593	------	------	1	175	52,302	3,196	2,810	45,672	624	508,306	504,784	3,522	774,747	16
38	17,149	50	12,625	8	588	1,910	290	301	1,319	------	57,329	56,594	735	107,864	17
79	26,431	220	43,792	57	7,476	24,975	9,155	909	13,853	1,058	126,473	124,170	2,303	296,013	18
962	327,093	33	3,405	216	32,503	64,493	11,335	4,709	48,449	------	1,104,752	1,102,659	2,093	1,847,528	19
95	36,344	------	------	1	240	10,042	2,630	823	6,589	------	140,582	135,891	4,691	243,333	20
30	9,552	2	488	7	662	4,109	1,059	70	2,980	------	51,321	49,861	1,460	116,547	21
1,341	557,099	220	37,684	63	9,990	152,768	49,303	18,195	85,270	------	2,369,846	2,288,055	81,791	4,140,692	22
1,484	450,918	------	------	17	2,225	51,366	2,763	10,692	37,911	------	155,934	42,051	113,883	844,335	23
362	119,345	55	13,965	18	2,589	17,762	7,609	1,439	8,714	------	329,976	328,168	1,808	613,973	24
2,510	1,264,906	------	------	6	1,055	653,406	23,926	12,182	61,284	556,014	2,687,834	2,675,579	12,255	5,527,710	25
100	27,824	18	2,986	1	156	7,424	3,689	270	3,465	------	81,989	80,493	1,496	164,934	26
137	41,843	5	2,000	3	600	12,545	565	1,790	10,190	------	103,469	101,829	1,640	199,821	27
805	337,765	------	------	17	2,184	44,896	24,296	5,627	13,301	1,672	377,296	368,598	8,698	1,086,473	28
3,616	1,848,957	4	780	------	------	55,163	------	8,252	46,911	------	2,567,486	2,539,017	28,469	4,573,229	29
------	------	------	------	------	------	91	60	25	6	------	1,371	1,355	16	2,120	30
109	33,205	2	602	2	191	11,151	4,158	1,072	5,891	30	557,647	548,098	9,549	693,795	31
472	245,648	3	806	------	------	103,388	4,037	8,284	91,067	------	781,909	691,846	90,063	1,271,410	32
5	2,690	11	2,424	1	104	1,196	828	141	227	------	13,251	12,809	442	35,556	33
1,176	650,757	324	87,848	34	3,954	458,526	110,410	10,881	67,302	269,933	1,339,764	1,328,642	11,122	3,354,684	34
3,929	1,921,588	5,202	1,191,837	594	65,644	1,502,530	166,588	32,465	511,617	791,860	10,241,708	10,215,252	26,456	17,327,825	35
16	6,406	21	4,782	2	196	1,687	1,134	33	520	------	4,874	4,478	396	26,382	36
76	43,654	1,174	258,692	13	1,648	65,923	52,846	2,766	9,999	312	306,715	299,427	7,288	1,107,219	37
392	214,974	1,742	342,937	41	4,799	162,851	46,032	2,340	78,829	35,650	1,373,980	1,366,451	7,529	2,685,576	38
59	29,082	38	6,005	------	------	22,774	7,119	600	15,055	------	1,000,153	993,024	7,129	1,271,787	39
637	235,900	351	66,716	42	4,894	119,145	36,249	8,586	74,310	------	1,330,552	1,313,777	16,775	2,323,206	40
413	174,300	------	------	2	287	29,292	6,324	3,057	18,411	1,500	379,999	378,607	1,392	694,512	41
8	1,370	34	7,500	------	------	2,936	1,940	256	740	------	5,217	4,800	417	28,932	42

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
43	Cotton goods	14	$7,709,256	$515,513	$1,355,603	$1,951,133	$3,887,007	7	84	$133,338	4,727	$1,186,014
44	Cutlery and edge tools	3	16,200	2,200	4,100	2,700	7,200	3			15	7,164
45	Druggists' preparations, not including prescriptions.	11	401,775	13,000	45,000	174,775	169,000	15	220	256,044	441	123,574
46	Dyeing and cleaning	58	162,315	32,650	68,038	35,332	26,295	61	22	8,260	146	56,406
47	Electrical apparatus and supplies	6	236,710	8,000	51,125	54,717	122,868	1	26	26,925	155	54,303
48	Electrical construction and repairs	25	112,891	5,500		13,166	94,225	30	13	7,154	134	63,628
49	Electroplating	6	12,825			5,700	7,125	10	1	900	27	9,857
50	Enameling and enameled goods	4	1,437,214	148,192	191,394	334,779	762,849	2	74	60,547	1,136	316,417
51	Engraving and diesinking	8	9,668			5,518	4,150	9	3	1,200	14	6,900
52	Engraving, steel, including plate printing.	8	14,325			4,075	10,250	7	6	8,500	38	15,575
53	Fancy articles, not elsewhere specified	5	238,072	25,000	55,000	33,045	125,027	6	16	15,060	324	69,834
54	Fertilizers	40	7,003,376	713,011	965,287	1,108,947	4,216,131	37	212	245,528	1,016	457,692
55	Fish, canning and preserving	3	65,600	7,500	8,900	7,400	41,800	8	6	2,880	442	63,500
56	Flavoring extracts	12	38,544	1,650	4,000	3,007	29,887	15	10	2,900	25	8,803
57	Flouring and grist mill products	407	3,428,996	296,633	775,281	918,016	1,439,066	461	85	80,275	541	229,335
58	Food preparations	17	154,610	23,450	37,350	27,950	65,860	16	11	11,260	104	33,146
59	Foundry and machine shop products	113	6,381,676	618,701	957,454	1,188,832	3,616,689	124	317	349,283	4,695	2,251,777
60	Fruits and vegetables, canning and preserving.	271	4,459,660	378,143	430,586	633,234	3,017,697	344	231	213,080	7,505	1,379,131
61	Fur goods	11	67,677	3,333	6,500	1,594	56,250	14	6	3,700	48	23,500
62	Furnishing goods, men's	18	625,702	2,000	5,200	63,452	555,050	26	105	90,925	2,033	492,280
63	Furniture, cabinetmaking, repairing, and upholstering.	136	241,099	22,193	39,417	16,898	162,591	167	19	9,105	213	102,356
64	Furniture, factory product	42	1,584,984	88,515	180,208	176,972	1,139,289	55	141	118,433	1,869	822,540
65	Gas, illuminating and heating	11	18,554,361	1,018,185	744,980	1,824,934	14,966,262		84	84,757	237	136,980
66	Glass	7	581,086	49,618	144,576	66,559	320,333	4	31	38,976	742	339,518
67	Glass, cutting, staining, and ornamenting.	9	68,015	3,500	12,300	8,005	44,210	10	4	2,300	68	22,995
68	Gloves and mittens	3	50,541	100	500	5,434	44,507	5	8	6,175	89	14,276
69	Grease and tallow	5	48,208	4,250	4,016	8,015	31,927	7			24	11,540
70	Hand stamps	4	69,156			28,650	40,506	5	6	6,300	82	31,250
71	Hardware	10	107,640	15,300	22,200	12,104	58,036	13	3	2,818	65	21,161
72	Hats and caps, not including fur hats and wool hats.	20	1,124,599	60,500	242,000	164,323	657,776	32	67	92,888	1,117	335,935
73	Hosiery and knit goods	4	311,508	3,000	8,083	94,789	205,636	2	28	14,518	682	119,456
74	Ice, manufactured	18	649,692	93,191	100,100	421,425	34,976	6	19	14,535	138	74,633
75	Instruments, professional and scientific	7	56,620	5,000	5,500	14,502	31,618	9	8	6,779	39	16,966
76	Iron and steel	9	2,892,690	39,000	1,286,966	980,609	586,115		55	77,147	2,138	1,029,753
77	Iron and steel, nails and spikes, cut and wrought, including wire nails.	3	48,500			19,500	29,000	4	5	4,800	37	17,050
78	Ironwork, architectural and ornamental.	10	481,661	60,600	57,300	51,700	312,061	12	15	20,808	232	247,629
79	Jewelry	9	170,121			11,721	158,400	9	4	2,930	76	43,254
80	Kaolin and other earth grinding	8	162,075	28,650	38,700	55,075	39,650	8	6	3,800	78	26,136
81	Kindling wood	3	7,750	250	750	6,250	500	3	2	909	60	10,950
82	Leather, tanned, curried, and finished	22	1,088,725	60,980	172,720	148,295	706,730	28	18	17,429	455	156,182
83	Lime and cement	33	660,006	113,824	190,809	101,465	253,908	34	27	20,414	557	182,639
84	Liquors, distilled	26	2,326,272	185,035	690,024	315,310	1,135,903	19	43	74,216	186	95,172
85	Liquors, malt	16	13,857,323	589,246	9,952,309	1,484,183	1,831,585	9	161	262,916	752	484,318
86	Lithographing and engraving	6	490,415			197,321	293,094	16	35	22,540	281	127,801
87	Lock and gun smithing	59	64,418	11,562	13,400	10,580	28,876	59	2	1,092	62	27,977
88	Looking-glass and picture frames	32	316,195	56,775	53,000	29,422	176,998	37	43	39,156	300	110,383
89	Lumber and timber products	367	2,622,928	838,988	147,049	787,642	849,249	474	73	38,687	1,964	476,776
90	Lumber, planing mill products, including sash, doors, and blinds.	52	3,259,501	330,982	315,130	314,712	2,298,677	81	93	75,261	1,287	529,262
91	Mantels, slate, marble, and marbleized	4	31,820	6,100	3,100	520	22,100	6	2	1,200	18	11,924
92	Marble and stone work	38	743,645	150,275	62,245	178,591	352,534	45	55	69,016	1,231	569,273
93	Masonry, brick and stone	106	755,681	132,180	119,800	33,475	470,226	115	35	41,736	1,297	814,531
94	Mattresses and spring beds	21	208,605	21,200	32,350	20,230	134,825	21	23	17,178	128	47,254
95	Millinery and lace goods	11	186,790	17,400	16,500	25,700	127,190	17	23	14,802	266	81,088
96	Millinery, custom work	235	680,327	98,919	151,750	14,705	414,953	280	147	45,940	648	178,100
97	Mineral and soda waters	36	254,340	19,584	26,740	76,121	131,895	35	15	13,988	155	55,134
98	Models and patterns	7	17,341	1,666	1,300	7,500	6,875	10			29	15,524
99	Monuments and tombstones	71	351,367	54,604	57,875	28,050	210,838	80	6	6,077	249	118,884
100	Musical instruments, organs and materials.	5	68,100	6,000	19,000	9,650	33,450	6	10	5,462	76	40,608
101	Musical instruments, pianos and materials.	4	1,184,650	91,342	166,000	76,635	850,673	4	31	41,980	447	222,748
102	Oil, not elsewhere specified	7	83,840	7,500	13,500	4,275	58,565	8	20	9,420	20	7,038
103	Optical goods	9	41,569			5,725	35,844	12	16	14,080	31	16,616
104	Oysters, canning and preserving	16	799,005	51,650	135,793	77,748	533,814	15	79	81,048	1,444	379,591
105	Painting, house, sign, etc	308	372,128	63,177	85,293	36,140	187,518	339	27	18,016	986	435,792
106	Paints	13	290,222	18,000	28,000	78,760	165,462	21	26	25,900	110	45,273
107	Paper and wood pulp	21	2,720,877	127,142	715,396	1,147,920	730,419	11	35	58,793	937	326,474
108	Paper hanging	107	242,896	40,115	66,250	6,513	130,018	115	20	13,408	325	151,284
109	Paper patterns	3	510			50	460	4			1	300
110	Patent medicines and compounds	52	1,016,822	51,200	119,150	80,484	765,988	54	119	177,759	441	136,082
111	Paving and paving materials	26	444,305	38,206	57,250	165,344	183,505	25	15	25,216	478	169,752
112	Perfumery and cosmetics	12	86,389	4,300	2,300	18,935	60,854	10	16	14,440	91	23,545

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
1,446	$509,356	2,165	$510,001	1,116	$166,657	$397,016	$8,155	$34,517	$354,344		$3,039,396	$2,984,314	$55,082	$5,423,251	43
14	7,060			1	104	842	516	134	192		4,138	3,488	650	16,022	44
154	64,175	286	59,269	1	130	137,864	20,010	4,764	113,090		689,191	684,054	5,137	1,311,844	45
88	39,228	52	16,380	6	798	33,543	9,233	1,830	10,780	$11,700	18,422	14,186	4,236	179,693	46
137	50,967	13	2,736	5	600	28,156	1,510	583	22,563	3,500	112,464	110,386	2,078	266,811	47
131	63,396			3	232	11,805	6,183	229	5,393		167,191	165,363	1,828	350,635	48
21	8,889			6	968	1,604	1,420	10	174		5,444	4,046	1,398	28,038	49
931	274,714	205	41,703			29,540	300	6,470	22,770		769,472	738,738	30,734	1,390,493	50
14	6,900					2,169	1,314	105	750		11,409	11,023	386	35,870	51
27	13,175	11	2,400			1,951	1,252	20	679		8,698	8,574	124	42,400	52
118	40,003	192	27,831	14	2,000	31,688	9,651	1,795	20,242		184,342	182,358	1,984	369,817	53
1,010	455,576	6	2,116			354,344	34,846	35,054	284,444		3,643,846	3,586,984	56,862	5,481,905	54
207	36,900	179	22,600	56	4,000	11,020		770	10,250		154,605	151,370	3,235	248,100	55
10	5,793	12	2,350	3	660	6,184	2,997	150	3,037		22,410	22,335	75	83,844	56
532	228,009	5	883	4	443	225,357	30,754	20,252	173,513	838	6,731,805	6,663,941	67,864	8,035,343	57
54	23,740	46	8,800	4	606	9,573	3,685	2,114	3,774		135,826	133,492	2,334	274,046	58
4,663	2,245,062	6	1,300	26	5,415	456,175	44,699	38,244	354,925	18,307	3,322,658	3,201,946	120,712	8,443,547	59
2,980	744,516	3,712	559,310	813	75,305	371,108	33,560	20,139	316,949	460	8,786,518	8,735,149	51,369	11,996,245	60
17	13,430	31	10,070			7,759	4,625	1,085	2,049		72,033	71,661	372	137,820	61
89	57,880	1,898	426,217	46	8,183	58,351	20,374	2,136	35,841		1,060,154	1,054,195	5,959	1,930,088	62
187	97,707	18	3,737	8	912	39,647	26,989	1,897	10,576	185	142,408	140,969	1,439	450,436	63
1,753	804,897	19	4,450	97	13,193	155,614	48,062	9,419	95,763	2,370	1,212,226	1,199,151	13,075	2,976,494	64
237	136,980					268,369	6,025	121,212	141,132		481,013	434,792	46,221	1,796,507	65
562	313,920	54	8,673	126	16,925	26,065		2,040	24,025		151,500	103,520	47,980	557,895	66
43	18,272	20	4,150	5	573	3,722	1,947	154	1,621		62,953	61,844	1,109	115,164	67
23	5,300	63	8,751	3	225	3,936	850	225	2,861		54,098	54,059	39	86,675	68
23	11,300			1	240	6,793	1,064	170	5,559		69,700	68,371	1,329	100,359	69
61	27,800	21	3,450			9,262	5,260	177	3,825		45,530	44,426	1,104	149,583	70
60	20,565	2	450	3	146	3,220	1,465	415	1,340		92,234	84,178	8,056	173,512	71
458	199,112	622	131,043	37	5,780	127,367	16,967	4,710	105,690		839,146	832,068	7,078	1,619,825	72
60	23,715	526	89,754	96	5,987	21,981	1,300	851	16,943	2,887	347,250	344,083	3,167	514,093	73
137	74,313			1	320	24,490	185	5,972	18,333		84,070	27,092	56,978	358,668	74
37	16,576	2	390			6,491	2,990	500	3,001		25,445	24,875	570	72,746	75
2,101	1,019,428	12	3,000	25	7,325	508,298	6,080	22,340	479,878		6,888,916	5,757,014	1,131,902	8,739,405	76
17	12,600	20	4,450			4,960	3,060	400	1,500		36,820	35,320	1,500	84,000	77
229	247,149			3	480	8,856	1,894	1,202	3,940	1,820	523,509	519,175	4,334	867,868	78
71	42,276	3	750	2	228	8,770	4,978	900	2,892		108,002	106,734	1,268	212,450	79
78	26,136					8,420	2,953	902	4,565		18,475	13,100	5,375	74,796	80
12	2,700	48	8,250			945	60	85	800		22,000	21,950	50	45,200	81
442	152,716	8	2,496	5	970	40,860	1,531	4,059	35,270		1,411,457	1,402,648	8,809	1,754,102	82
543	180,935			14	1,704	43,606	6,184	2,880	32,612	1,930	226,563	157,672	68,891	549,360	83
181	94,212			5	960	172,785	3,779	28,607	140,399		815,381	764,425	50,956	1,616,362	84
751	484,162			1	156	1,568,108	2,914	25,839	1,539,355		878,933	805,992	72,941	4,133,797	85
203	112,497	50	12,244	28	3,060	51,326	9,960	735	35,783	4,848	180,682	178,856	1,826	499,851	86
58	27,297	1	416	3	264	9,679	5,610	380	3,689		29,041	27,748	1,293	115,104	87
276	107,477	21	2,300	3	606	40,296	18,698	2,040	19,558		232,411	228,983	3,428	542,226	88
1,718	456,820	143	13,778	103	6,178	63,004	3,571	12,285	47,148		1,390,357	1,390,157	200	2,650,082	89
1,229	518,099			58	11,163	141,244	18,294	19,016	103,814	120	2,310,655	2,298,347	12,308	3,553,083	90
18	11,924					1,762	1,332	200	230		12,927	12,900	27	39,744	91
1,224	568,123	1	300	6	850	69,075	9,098	4,942	54,945	90	494,910	478,826	16,084	1,545,616	92
1,279	810,911			18	3,620	576,195	8,839	2,798	20,428	544,130	2,277,045	2,275,288	1,757	4,114,800	93
106	42,806	16	3,564	6	884	16,101	8,076	1,450	6,575		150,557	149,111	1,446	287,937	94
53	21,555	207	58,749	6	784	12,262	6,685	767	4,810		138,450	136,843	1,607	297,847	95
7	2,439	625	173,113	16	2,548	85,881	31,315	4,765	19,799	2	773,500	770,390	3,110	1,411,564	96
146	53,744	2	500	7	890	22,801	4,817	737	17,247		109,266	107,754	1,512	260,868	97
27	15,214			2	310	2,421	1,610		811		6,828	5,742	1,086	37,146	98
247	118,364			2	520	14,995	5,256	3,441	6,068	230	218,694	216,984	1,710	480,081	99
76	40,608					4,829	1,150	454	2,975	250	45,251	44,540	711	114,916	100
444	222,410			3	338	83,697	450	12,280	70,967		358,630	354,618	4,012	827,371	101
20	7,038					7,526	1,619	544	5,113	250	99,086	98,548	538	152,640	102
30	16,376	1	240			11,294	8,668	166	2,460		29,556	28,666	890	98,465	103
712	247,117	618	114,000	114	18,474	70,100	5,770	4,870	59,460		1,771,377	1,758,635	12,742	2,417,331	104
973	434,119			13	1,673	39,027	25,166	2,655	9,165	2,041	279,083	277,866	1,217	1,116,966	105
94	41,688	9	2,585	7	1,000	22,172	5,407	1,349	15,416		265,743	259,066	6,677	442,744	106
839	308,543	98	17,931			105,571	1,983	9,621	91,830	2,137	1,730,910	1,602,639	28,271	2,589,540	107
310	148,330	5	1,470	10	1,484	24,303	14,607	2,234	7,462		144,334	143,950	384	455,043	108
		1	300			566	564		2		102	90	12	3,185	109
182	86,156	250	48,906	9	1,020	432,415	9,856	11,857	410,692	10	481,039	476,012	5,027	1,749,655	110
477	169,547			1	205	25,083	4,467	1,901	10,715	8,000	157,548	154,316	3,232	487,850	111
31	12,435	60	11,110			40,916	5,452	1,576	33,888		98,710	98,259	451	228,304	112

TABLE 7.--MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
113	Photography	74	$133,428	$2,830	$15,090	$63,325	$52,183	82	8	$2,630	104	$46,560
114	Pickles, preserves, and sauces	25	129,146	15,016	25,765	40,528	47,837	30	15	10,250	77	22,989
115	Plastering and stuccowork	46	91,350	23,050	16,025	3,880	48,395	49	4	3,346	187	114,981
116	Plumbers' supplies	4	1,094,095	72,111	77,000	274,722	670,262	2	71	70,794	685	240,553
117	Plumbing, and gas and steam fitting	245	795,307	113,186	153,110	82,790	446,221	264	47	33,938	820	407,845
118	Pottery, terra cotta, and fire-clay products.	18	1,081,463	64,200	214,479	262,684	540,100	15	47	44,243	1,082	384,655
119	Printing and publishing, book and job	156	1,364,894	25,783	43,750	697,837	597,524	191	152	136,790	1,304	535,907
120	Printing and publishing, newspapers and periodicals.	141	2,473,094	259,263	891,888	1,028,707	793,236	145	388	383,027	1,529	758,335
121	Printing materials	4	12,000			9,500	2,500	5	2	400	21	7,295
122	Pumps, not including steam pumps	6	17,780	15	100	2,075	15,590	7	1	168	11	3,836
123	Regalia and society banners and emblems.	6	50,215	500	900	18,305	30,510	6	14	11,690	67	20,605
124	Roofing and roofing materials	17	401,449	234,779	13,788	38,779	114,103	14	13	7,630	203	73,054
125	Saddlery and harness	150	834,152	57,067	110,170	64,887	602,028	170	60	46,240	541	174,802
126	Sausage	5	18,966	5,566	8,850	1,900	2,650	5			13	5,862
127	Sewing machine repairing	11	23,815	4,900	7,400	4,365	7,150	7	2	3,500	22	13,242
128	Ship and boat building, wooden	43	623,435	197,750	54,525	150,994	220,166	58	25	20,320	676	331,873
129	Shipbuilding, iron and steel	4	3,822,588	103,000	250,000	945,000	2,524,588	3	70	85,122	1,939	1,185,832
130	Shirts	65	1,504,968	15,597	59,119	276,270	1,153,982	100	166	142,676	3,998	788,157
131	Silverware	5	221,336	35,000	3,000	34,400	148,936	11	15	15,710	116	67,479
132	Slaughtering and meat packing, wholesale.	47	1,318,917	100,009	301,500	188,660	728,748	72	63	46,824	514	242,089
133	Slaughtering, wholesale, not including meat packing.	35	229,571	63,306	101,000	30,175	35,090	36	5	1,980	83	34,324
134	Soap and candles	6	209,232	9,913	30,000	27,690	141,629	2	32	28,074	127	53,688
135	Stamped ware	3	1,354,591	70,000	150,350	129,975	1,004,266	1	29	33,740	826	220,984
136	Stencils and brands	3	8,725			5,250	3,475	3	1	600	6	2,386
137	Tinsmithing, coppersmithing, and sheet-iron working.	319	3,218,696	195,265	491,431	643,820	1,888,180	363	152	102,795	2,852	1,039,605
138	Tobacco, chewing, smoking, and snuff	5	1,805,611	107,034	356,333	536,371	805,873	8	120	259,624	2,002	564,272
139	Tobacco, cigars and cigarettes	382	1,519,866	171,694	238,010	76,413	1,033,749	436	155	105,809	2,309	742,155
140	Tools, not elsewhere specified	6	51,185	1,000	6,500	7,235	36,450	6	2	800	17	9,736
141	Toys and games	3	11,505			3,505	8,000	6			98	10,786
142	Trunks and valises	13	53,593	4,333	3,000	5,010	41,250	17	7	3,300	56	22,109
143	Umbrellas and canes	11	392,792	12,000	19,000	12,750	349,042	23	84	61,110	401	109,772
144	Upholstering materials	6	673,609	14,833	50,250	21,625	586,901	12	27	24,985	698	209,860
145	Varnish	3	48,604		9,000	9,456	30,148	3	9	7,264	12	5,488
146	Vinegar and cider	16	58,522	4,855	14,848	13,855	24,964	20	2	2,436	30	14,615
147	Watch, clock, and jewelry repairing	188	267,310	38,035	69,285	43,993	115,997	193	2	1,230	181	64,388
148	Window shades	4	58,065	1,000	1,000	2,300	53,765	3	9	9,890	33	14,540
149	Wirework, including wire rope and cable.	13	216,545	26,950	16,300	75,114	98,181	20	15	14,225	151	59,293
150	Wood, turned and carved	9	54,025	3,225	26,000	15,425	9,375	10	7	5,412	93	28,452
151	Woolen goods	4	1,330,549	28,630	169,177	171,663	961,079	6	25	35,625	877	221,215
152	All other industries[1]	124	9,328,485	513,275	1,080,044	2,215,506	5,519,660	111	385	450,158	4,177	1,652,160

[1] Embraces agricultural implements, 2; artificial limbs, 2; axle grease, 1; babbitt metal and solder, 2; bags, paper, 2; belting and hose, linen, 2; bicycles and tricycles, 1; bridges, 1; buttons, 2; card cutting and designing, 1; carriages and sleds, children's, 2; cars, steam railroad, not including operations of railroad companies, 1; charcoal, 1; cleansing and polishing preparations, 2; cloth, sponging and refinishing, 2; coffins, burial cases, and undertakers' goods, 1; copper, smelting and refining, 1; cordage and twine, 1; cordials and sirups, 1; cork, cutting, 1; cotton waste, 1; drug grinding, 2; dyeing and finishing textiles, 2; engraving, wood, 1; files, 2; firearms, 1; fire extinguishers, chemical, 1; fireworks, 2; galvanizing, 2; gas and lamp fixtures, 2; gas machines and meters, 2; glue, 1; gold and silver, leaf and foil, 2; gold and silver, reducing and refining, not from the ore, 1; hairwork, 2; hammocks, 1; hand knit goods, 2; horseshoes, factory product, 1; house furnishing goods, not elsewhere specified, 2; ink, printing, 1; ink, writing, 2; iron and steel, forgings, 1; japanning, 1; jewelry and instrument

TABLE 8.—MANUFACTURES IN BALTIMORE

1	All industries	6,359	$117,062,459	$10,235,468	$21,231,486	$17,888,603	$67,706,902	7,163	6,267	$6,190,269	78,738	$29,220,460
2	Artificial feathers and flowers	5	33,005			3,005	30,000	9	5	6,520	237	36,190
3	Awnings, tents, and sails	21	67,890			7,640	60,250	28	8	2,860	97	47,316
4	Bags, other than paper	6	217,603	3,000	1,900	30,610	182,093	8	8	10,820	120	31,382
5	Baking and yeast powders	7	97,668			9,725	87,943	7	43	41,934	106	33,854
6	Baskets, and rattan and willow ware	26	46,109	3,950	7,150	5,429	29,580	25	2	2,400	35	12,930
7	Bicycle and tricycle repairing	41	36,920	3,700	1,600	5,880	25,740	43	4	2,700	49	16,280
8	Blacking	3	12,501			1,417	11,084	3	6	9,794	12	2,982
9	Blacksmithing and wheelwrighting	206	288,313	91,340	92,536	32,044	72,393	231	3	2,824	352	183,142
10	Bluing	3	890			255	635	3			5	1,000
11	Bookbinding and blank book making	21	110,695	7,925	20,800	46,970	35,000	24	15	10,089	195	70,802
12	Boot and shoe cut stock	3	31,875	400	3,000	2,475	26,000	3	7	3,800	11	4,720
13	Boot and shoe uppers	12	23,390	3,700	4,700	2,865	12,125	12			15	5,295
14	Boots and shoes, custom work and repairing.	612	473,714	120,201	185,270	52,407	115,836	620	7	2,900	318	118,395
15	Boots and shoes, factory product	18	468,880	12,500	26,800	153,786	275,794	26	37	45,986	846	269,959
16	Bottling	17	322,542	62,800	113,700	28,133	117,909	17	28	28,526	134	63,153
17	Boxes, cigar	6	57,062	6,850	9,200	7,565	33,447	6	3	2,232	89	27,932
18	Boxes, fancy and paper	11	135,796	8,200	10,200	46,060	71,336	13	32	16,268	356	77,699
19	Boxes, wooden packing	16	505,764	51,400	70,590	81,141	302,633	21	28	25,022	929	294,398
20	Brass castings and brass finishing	6	80,098	8,950	6,950	24,579	39,619	6	7	7,032	66	27,844
21	Bread and other bakery products	389	1,743,655	238,396	544,425	626,775	334,059	395	177	116,756	1,460	553,164

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
79	$40,385	23	$5,933	2	$242	$28,127	$22,572	$466	$4,789	$300	$61,768	$60,145	$1,623	$236,021	113
62	19,131	18	3,694	2	164	9,675	3,796	1,113	4,766	------	204,379	201,507	2,872	297,898	114
187	114,981	------	------	------	------	7,070	3,767	391	1,512	1,400	64,058	63,833	225	251,867	115
543	226,960	35	12,164	7	1,429	35,760	1,585	9,985	24,190	------	371,593	360,536	11,057	755,236	116
794	404,177	------	------	26	3,668	58,794	29,948	5,053	22,693	1,100	816,731	810,216	6,515	1,780,507	117
842	327,958	80	31,287	160	25,410	41,580	8,199	8,590	21,980	2,811	196,365	144,042	52,323	834,831	118
1,015	478,568	214	47,268	75	10,071	201,606	61,593	3,900	82,329	53,784	839,567	817,020	22,547	2,252,490	119
1,427	735,469	43	16,488	59	6,378	349,663	52,607	14,968	210,047	72,041	573,563	547,853	25,710	2,618,799	120
17	6,620	2	400	2	275	1,335	850	60	425	------	11,175	11,050	125	28,000	121
11	3,836	------	------	------	------	2,481	1,120	45	1,316	------	9,774	9,764	10	27,650	122
19	10,000	28	7,780	20	2,825	12,842	3,000	424	9,418	------	56,251	55,590	661	122,690	123
199	72,471	------	------	4	583	8,589	2,936	619	5,034	------	87,793	83,867	3,926	229,565	124
503	165,725	26	6,950	12	2,127	53,062	19,365	6,150	27,533	14	670,801	667,374	3,427	1,156,279	125
13	5,862	------	------	------	------	1,272	------	231	1,041	------	32,078	31,190	888	45,656	126
22	13,242	------	------	------	------	1,628	1,200	126	302	------	20,959	20,672	287	53,247	127
675	331,707	------	------	1	166	30,649	5,225	7,651	16,793	980	301,010	296,944	4,066	862,034	128
1,904	1,178,297	1	482	34	7,053	110,916	27,875	12,716	67,325	3,000	1,497,554	1,459,393	38,161	3,299,491	129
768	233,517	3,114	543,577	116	11,063	312,747	47,635	3,873	144,968	116,271	2,576,692	2,561,621	15,071	4,245,220	130
112	66,729	1	400	3	350	17,789	7,150	2,026	6,613	2,000	76,828	75,229	1,599	200,172	131
502	239,945	9	1,668	3	476	99,239	12,427	7,310	78,002	1,500	5,446,717	5,400,542	46,175	6,209,857	132
82	33,874	1	450	------	------	9,778	1,330	2,820	5,628	------	1,662,362	1,657,152	5,210	1,836,502	133
92	46,303	30	6,785	5	600	19,003	1,970	1,124	15,026	883	168,628	161,906	6,722	285,623	134
525	154,482	170	42,750	131	23,752	41,705	------	3,945	37,760	------	601,569	597,400	4,169	1,059,800	135
5	2,286	------	------	1	100	1,239	1,020	12	207	------	2,591	2,513	78	11,842	136
2,416	965,014	172	38,990	264	35,601	160,901	38,366	12,662	108,939	934	4,454,632	4,409,701	44,931	6,723,505	137
584	243,979	1,232	298,489	186	21,804	3,233,312	2,836	13,629	3,216,847	------	2,496,107	2,484,983	11,124	7,054,159	138
1,558	594,253	640	134,966	111	12,936	458,003	50,199	10,793	397,011	------	1,039,783	1,035,362	4,421	2,842,769	139
17	9,736	------	------	------	------	1,894	697	118	1,079	------	10,141	9,656	485	41,491	140
24	3,666	45	4,320	29	2,800	1,819	492	------	1,327	------	10,695	10,675	20	48,507	141
44	20,399	------	------	12	1,710	9,403	7,172	401	1,830	------	28,878	28,313	565	84,952	142
110	42,416	291	67,356	------	------	20,125	6,815	982	12,128	200	747,859	746,716	1,143	1,098,161	143
525	175,160	86	17,700	87	17,000	27,579	8,538	2,416	16,625	------	682,313	674,263	8,050	1,057,550	144
11	5,254	1	234	------	------	3,994	740	197	3,057	------	34,734	34,120	614	64,521	145
28	14,147	2	468	------	------	4,532	395	472	3,653	12	36,656	35,251	1,405	80,203	146
119	63,099	------	------	12	1,289	30,294	21,519	2,090	6,260	425	73,728	71,727	2,001	319,239	147
21	10,600	10	3,680	2	260	8,092	2,894	238	4,960	------	119,132	118,922	210	193,300	148
107	51,513	10	2,100	34	5,680	19,570	3,186	1,454	12,430	2,500	85,075	82,444	2,631	196,162	149
81	28,172	------	------	12	280	1,711	802	221	688	------	44,268	40,260	4,008	103,375	150
576	173,152	204	38,011	97	10,052	54,181	------	5,940	48,241	------	667,036	653,838	13,198	1,218,378	151
3,523	1,523,276	517	107,879	137	21,005	600,356	47,026	78,556	430,829	43,945	29,952,844	29,714,768	238,076	36,683,261	152

cases, 1; labels and tags, 2; lamps and reflectors, 1; lard, refined, 1; lead, bar, pipe, and sheet, 1; leather goods, 1; malt, 1; millstones, 1; mirrors, 2; mucilage and paste, 2; musical instruments and materials, not specified, 2; needles and pins, 1; nets and seines, 2; oakum, 1; paper hangings, 1; pens, gold, 1; petroleum, refining, 1; photographic materials, 1; photolithographing and photoengraving, 2; pipes, tobacco, 2; plated and britannia ware, 2; printing and publishing, music, 1; refrigerators, 1; rubber and elastic goods, 2; safes and vaults, 1; saws, 2; scales and balances, 1; show cases, 1; silk and silk goods, 2; silversmithing, 1; starch, 1; stationery goods, not elsewhere specified, 2; steam packing, 1; stereotyping and electrotyping, 2; sugar and molasses, refining, 2; surgical appliances, 2; tin and terne plate, 2; tobacco, stemming and rehandling, 2; type founding, 1; washing machines and clothes wringers, 1; watch cases, 1; whips, 1; woodenware, not elsewhere specified, 1.

BY SPECIFIED INDUSTRIES: 1900.

50,954	$23,494,225	23,710	$5,149,416	4,074	$576,819	$14,512,809	$1,654,441	$677,341	$9,660,685	$2,520,342	$87,175,134	$85,947,690	$1,227,444	$161,249,240	1
12	3,800	158	24,740	67	7,650	5,863	2,430	13	3,420	------	26,725	26,701	24	114,020	2
66	39,886	29	7,262	2	168	7,089	5,755	179	1,155	------	99,403	98,842	561	198,058	3
29	11,550	90	19,712	1	120	14,210	3,286	2,373	8,551	------	363,970	363,423	547	452,970	4
53	25,567	53	8,287	------	------	25,772	7,102	878	17,792	------	219,409	215,095	4,314	345,278	5
34	12,580	------	------	1	350	11,163	3,089	207	367	7,500	49,434	49,333	101	99,802	6
44	15,506	------	------	5	774	8,652	6,787	196	1,393	276	32,065	31,631	434	86,810	7
3	1,270	3	750	6	962	1,087	840	58	189	------	15,084	14,841	243	30,682	8
340	181,809	------	------	12	1,333	28,438	19,177	3,144	5,519	598	132,442	125,367	7,075	549,294	9
4	850	1	150	------	------	406	329	------	77	------	3,227	3,219	8	7,320	10
88	48,994	93	20,058	14	1,750	12,451	6,103	829	3,319	2,200	36,026	35,005	1,021	172,126	11
10	4,600	------	------	1	120	1,370	650	320	400	------	71,660	71,410	250	99,500	12
15	5,295	------	------	------	------	1,508	1,259	56	193	------	25,247	25,117	130	40,030	13
302	115,534	8	2,380	8	481	75,174	52,369	5,698	7,439	9,668	224,800	221,039	3,761	741,308	14
568	205,064	266	63,255	12	1,640	35,828	7,268	1,280	27,280	------	635,464	630,737	4,727	1,065,507	15
133	62,978	------	------	1	175	50,032	2,856	2,203	44,349	624	424,076	420,993	3,083	639,932	16
33	15,144	48	12,200	8	588	1,740	180	279	1,281	------	54,649	53,949	700	98,764	17
79	26,431	220	43,792	57	7,476	24,975	9,155	909	13,853	1,058	126,473	124,170	2,303	296,013	18
760	265,668	9	1,305	160	27,425	57,435	10,668	4,241	42,526	------	954,440	952,611	1,829	1,559,298	19
66	27,844	------	------	------	------	6,542	2,630	323	3,589	------	121,382	118,691	2,691	203,333	20
1,200	509,194	201	34,296	59	9,674	142,776	44,582	16,230	81,964	------	2,198,091	2,123,756	74,335	3,811,524	21

TABLE 8.—MANUFACTURES IN BALTIMORE

	Manufacturing and mechanical industries.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
22	Brooms and brushes	37	$245,982	$9,700	$24,200	$27,738	$184,344	47	17	$10,850	359	$112,882
23	Carpentering	319	1,666,832	164,266	227,918	201,119	1,073,529	344	46	43,353	2,227	1,159,109
24	Carpets, rag	13	39,216	1,533	2,250	12,438	22,995	18	4	3,000	113	29,596
25	Carriages and wagons	92	476,561	69,423	93,885	65,721	247,532	120	19	14,750	553	242,666
26	Cars and general shop construction and repairs by steam railroad companies.	6	2,236,388	258,700	1,257,033	381,955	338,700	-------	93	72,974	2,438	1,267,920
27	Cheese and butter, urban dairy products.	4	1,800	480	1,070	195	55	4	-------	-------	-------	-------
28	Chemicals	5	1,371,272	271,000	219,182	395,465	485,625	8	26	41,474	375	205,929
29	China decorating	4	8,715	1,000	1,500	1,195	5,020	5	2	1,200	7	1,624
30	Clothing, men's, custom work and repairing.	350	1,542,908	80,683	138,128	42,687	1,281,410	400	176	109,305	1,287	659,918
31	Clothing, men's, factory product	137	8,434,586	135,600	355,200	418,904	7,525,782	252	759	715,907	9,690	3,174,172
32	Clothing, men's, factory product, buttonholes.	8	7,295	400	1,300	4,915	680	9	-------	-------	39	11,384
33	Clothing, women's, dressmaking	570	323,757	51,175	97,825	46,580	128,177	601	17	11,022	1,240	300,696
34	Clothing, women's, factory product	58	828,620	3,000	12,500	79,452	733,668	96	150	127,641	1,879	505,475
35	Coffee and spice, roasting and grinding	11	227,400	3,200	10,300	40,300	173,600	15	63	107,602	97	35,087
36	Confectionery	113	936,401	79,034	238,700	205,570	413,097	128	147	121,364	991	297,055
37	Cooperage	36	395,821	73,883	87,470	39,110	195,358	41	14	10,780	340	153,617
38	Corsets	4	50,630	10,000	20,000	4,620	16,010	4	14	3,328	37	8,870
39	Cutlery and edge tools	3	16,200	2,200	4,100	2,700	7,200	3	-------	-------	15	7,164
40	Druggists' preparations, not including prescriptions.	10	389,275	10,000	40,000	174,275	165,000	14	214	253,380	439	122,799
41	Dyeing and cleaning	53	125,795	22,650	58,038	19,922	25,185	55	5	2,232	115	46,010
42	Electrical apparatus and supplies	5	149,803	3,000	23,000	33,935	89,868	1	16	15,616	64	29,603
43	Electrical construction and repairs	25	112,891	5,500	-------	13,166	94,225	30	13	7,154	134	63,628
44	Electroplating	3	12,825	-------	-------	5,700	7,125	10	1	900	27	9,857
45	Enameling and enameled goods	4	1,437,214	148,192	191,394	334,779	762,849	2	74	60,547	1,136	316,417
46	Engraving and diesinking	7	9,368	-------	-------	5,218	4,150	8	3	1,200	14	6,900
47	Engraving, steel, including plate printing.	8	14,325	-------	-------	4,075	10,250	7	6	3.500	38	15,575
48	Fancy articles, not elsewhere specified	5	238,072	25,000	55,000	33,045	125,027	6	16	15,060	324	69,834
49	Fertilizers	17	4,449,768	490,844	582,948	534,783	2,841,193	9	149	186,850	705	320,388
50	Flavoring extracts	12	38,544	1,650	4,000	3,007	29,887	15	10	2,900	25	8,803
51	Flouring and grist mill products	4	678,500	85,000	214,000	205,125	174,375	3	33	48,378	131	69,140
52	Food preparations	16	154,010	23,450	37,350	27,350	65,860	15	11	11,260	101	32,546
53	Foundry and machine shop products	74	4,971,434	427,150	732,696	877,513	2,934,075	83	237	270,711	3,375	1,805,271
54	Fruits and vegetables, canning and preserving.	23	2,862,467	263,816	237,524	351,213	2,009,914	32	148	172,326	4,360	905,397
55	Fur goods	11	67,677	3,333	6,500	1,594	56,250	14	6	3,700	48	23,500
56	Furnishing goods, men's	16	617,002	1,500	2,700	57,752	555,050	23	103	88,625	1,891	456,052
57	Furniture, cabinetmaking, repairing, and upholstering.	114	193,634	16,533	25,392	9,423	142,286	141	18	8,930	189	95,320
58	Furniture, factory product	36	1,417,378	83,375	145,736	147,501	1,040,766	48	129	111,959	1,627	745,364
59	Glass	3	218,550	32,672	80,633	11,192	94,053	4	6	4,200	266	139,384
60	Glass, cutting, staining, and ornamenting.	8	29,315	500	300	3,005	25,510	9	4	2,300	42	16,895
61	Grease and tallow	4	28,637	3,000	2,500	6,900	16,237	6	-------	-------	21	10,022
62	Hand stamps	3	69,000	-------	-------	28,500	40,500	4	6	6,300	82	31,250
63	Hardware	9	96,518	15,000	19,500	11,982	50,036	11	2	2,468	60	19,511
64	Hats and caps, not including fur hats and wool hats.	20	1,124,599	60,500	242,000	164,323	657,776	32	67	92,888	1,117	335,935
65	Ice, manufactured	5	342,238	66,867	53,000	214,500	7,871	2	4	4,860	63	44,191
66	Instruments, professional and scientific	7	56,620	5,000	5,500	14,502	31,618	9	8	6,779	39	16,966
67	Iron and steel, nails and spikes, cut and wrought, including wire nails.	3	48,500	-------	-------	19,500	29,000	4	5	4,800	37	17,050
68	Ironwork, architectural and ornamental.	9	478,261	60,600	57,300	51,550	308,811	10	15	20,808	229	246,829
69	Jewelry	9	170,121	-------	-------	11,721	158,400	9	4	2,930	76	43,254
70	Leather, tanned, curried, and finished	10	140,950	23,550	24,950	7,950	84,500	13	6	6,100	142	58,716
71	Lime and cement	6	39,592	3,500	4,950	11,275	19,867	6	2	850	70	27,477
72	Liquors, distilled	7	1,033,875	99,000	412,875	168,000	354,000	2	24	28,636	83	49,708
73	Liquors, malt	12	9,689,087	473,246	6,930,307	1,000,629	1,284,905	7	120	186,978	538	351,062
74	Lithographing and engraving	6	490,415	-------	-------	197,321	293,094	16	35	22,540	281	127,801
75	Lock and gun smithing	57	62,268	10,962	12,400	10,330	28,576	57	2	1,092	62	27,977
76	Looking-glass and picture frames	27	304,302	56,775	50,500	26,407	170,620	31	43	39,156	296	109,078
77	Lumber, planing mill products, including sash, doors, and blinds.	21	1,828,534	245,113	160,909	123,019	1,299,493	37	55	45,890	703	340,206
78	Mantels, slate, marble, and marbleized	4	31,820	6,100	3,100	520	22,100	6	2	1,200	18	11,924
79	Marble and stone work	29	531,818	121,000	40,100	113,200	257,518	35	40	49,715	828	437,252
80	Masonry, brick and stone	96	740,551	130,880	115,350	31,920	462,401	106	33	39,400	1,230	782,509
81	Mattresses and spring beds	18	194,905	20,200	28,350	19,430	126,925	17	22	16,678	112	43,928
82	Millinery and lace goods	11	186,790	17,400	16,500	25,700	127,190	17	23	14,802	266	81,088
83	Millinery, custom work	127	509,442	66,934	108,000	10,784	323,724	152	128	42,388	522	152,724
84	Mineral and soda waters	24	218,449	16,524	21,500	59,675	120,750	21	15	13,988	135	48,816
85	Models and patterns	7	17,341	1,666	1,300	7,500	6,875	10	-------	-------	29	15,524
86	Monuments and tombstones	39	262,066	46,000	42,950	23,500	149,616	46	4	5,000	187	94,927
87	Musical instruments, organs and materials.	4	37,100	5,000	12,000	4,650	15,450	5	3	2,180	21	13,108
88	Musical instruments, pianos and materials.	4	1,184,650	91,342	166,000	76,635	850,673	4	31	41,980	447	222,748
89	Oil, not elsewhere specified	7	83,840	7,500	13,500	4,275	58,565	8	20	9,420	20	7,038
90	Optical goods	9	41,569	-------	-------	5,725	35,844	12	16	14,080	31	16,616
91	Oysters, canning and preserving	15	784,271	51,650	135,048	74,649	522,924	14	77	80,248	1,416	376,591

BY SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.										Value of products, including custom work and repairing.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
286	$96,328	55	$13,965	18	$2,589	$14,637	$7,547	$1,260	$5,830		$265,192	$263,870	$1,322	$499,885	22
2,221	1,158,054			6	1,055	643,531	23,016	11,167	57,458	$551,890	2,374,609	2,362,936	11,673	4,997,536	23
96	26,704	16	2,736	1	156	7,138	3,598	226	3,314		76,087	74,666	1,421	154,362	24
539	240,757			14	1,909	33,488	20,402	9,819	8,645	622	211,779	206,156	5,623	690,950	25
2,437	1,267,740	1	180			38,551		2,220	36,331		2,150,514	2,133,594	16,920	3,529,959	26
						91	60	25	6		1,371	1,355	16	2,120	27
872	205,123	3	806			81,546	3,912	7,299	70,335		661,297	588,686	72,611	1,078,800	28
3	896	3	624	1	104	780	528	75	177		12,673	12,481	192	26,601	29
1,051	590,954	204	65,268	32	3,696	446,350	102,549	9,978	64,500	269,323	1,206,832	1,197,081	9,751	3,061,014	30
3,929	1,921,588	5,168	1,186,977	593	65,607	1,500,903	165,688	32,414	510,941	791,860	10,223,686	10,197,305	26,381	17,290,825	31
16	6,406	21	4,782	2	196	1,687	1,134	33	520		4,874	4,478	396	26,382	32
74	43,552	1,153	255,496	13	1,648	65,221	52,225	2,760	9,924	312	304,330	297,182	7,148	1,092,988	33
385	212,764	1,453	287,912	41	4,799	162,051	45,607	2,315	78,479	35,650	1,261,120	1,254,331	6,789	2,506,654	34
59	29,082	38	6,005			22,774	7,119	600	15,055		1,000,153	993,024	7,129	1,271,787	35
610	227,628	342	65,116	39	4,311	114,566	33,848	8,019	72,699		1,296,558	1,280,512	16,046	2,249,858	36
338	153,330			2	287	27,963	5,935	2,977	18,051	1,000	348,040	346,698	1,342	628,801	37
3	1,370	34	7,500			2,936	1,940	256	740		5,217	4,800	417	28,982	38
14	7,060			1	104	842	516	134	192		4,138	3,488	650	16,022	39
152	63,400	286	59,269	1	130	137,164	20,010	4,614	112,540		683,891	678,904	4,987	1,298,344	40
77	35,612	32	9,600	6	798	27,469	8,698	1,635	5,436	11,700	14,228	10,513	3,715	143,742	41
56	28,467	7	1,036	1	100	14,513	1,510	415	9,088	3,500	85,210	83,787	1,423	159,731	42
131	63,396			3	232	11,805	6,183	229	5,393		167,191	165,363	1,828	350,635	43
21	8,889			6	968	1,604	1,420	10	174		5,444	4,046	1,398	28,038	44
931	274,714	205	41,703			29,540	300	6,470	22,770		769,472	738,738	30,734	1,390,493	45
14	6,900					2,133	1,278	105	750		11,384	11,023	361	34,870	46
27	13,175	11	2,400			1,951	1,252	20	679		8,698	8,574	124	42,400	47
118	40,003	192	27,831	14	2,000	31,688	9,651	1,795	20,242		184,342	182,358	1,984	369,817	48
699	318,272	6	2,116			243,185	32,618	26,859	183,708		2,479,052	2,442,559	36,493	3,752,329	49
10	5,793	12	2,350	3	660	6,184	2,997	150	3,037		22,410	22,335	75	83,844	50
128	68,540	3	800			127,605	9,905	5,445	112,255		2,048,003	2,031,429	16,574	2,321,998	51
53	23,440	44	8,500	4	606	9,513	3,625	2,114	3,774		133,915	131,606	2,309	268,166	52
3,348	1,800,415	6	1,300	21	3,556	403,105	38,361	30,608	315,829	18,307	2,148,408	2,074,593	73,815	6,119,973	53
1,644	467,226	2,388	400,446	328	37,725	309,985	25,600	14,123	270,262		6,432,415	6,408,891	23,524	8,477,178	54
17	13,430	31	10,070			7,759	4,625	1,085	2,049		72,033	71,661	372	137,820	55
85	56,480	1,779	394,697	27	4,875	57,344	19,974	2,019	35,351		916,222	910,495	5,727	1,729,676	56
167	91,071	15	3,427	7	822	38,262	26,417	1,635	10,025	185	125,495	124,318	1,177	411,215	57
1,514	728,130	19	4,450	94	12,784	145,996	47,190	8,878	87,558	2,370	1,096,784	1,086,200	10,584	2,690,610	58
190	129,384			76	10,000	9,419		1,027	8,392		57,459	34,097	23,362	220,295	59
33	15,472	4	850	5	573	2,902	1,947	34	921		13,803	13,144	659	55,164	60
20	9,782			1	240	6,479	1,064	135	5,280		44,412	43,321	1,091	68,981	61
61	27,800	21	3,450			9,159	5,160	174	3,825		45,450	44,350	1,100	149,000	62
57	19,365			3	146	3,053	1,465	348	1,240		86,176	78,160	8,016	156,112	63
458	199,112	622	131,043	37	5,780	127,367	16,967	4,710	105,690		839,146	832,068	7,078	1,619,825	64
63	44,191					12,205	50	2,440	9,715		52,499	11,121	41,378	237,632	65
37	16,576	2	390			6,491	2,990	500	3,001		25,445	24,875	570	72,746	66
17	12,600	20	4,450			4,960	3,060	400	1,500		36,820	35,320	1,500	84,000	67
226	246,349			3	480	8,170	1,858	1,202	3,790	1,320	520,009	515,675	4,334	862,368	68
71	42,276	3	750	2	228	8,770	4,978	900	2,892		108,002	106,734	1,268	212,450	69
130	55,388	8	2,496	4	832	3,977	1,296	400	2,281		474,371	471,449	2,922	593,600	70
69	27,373			1	104	5,651	3,929	74	1,648		79,176	67,950	11,226	128,109	71
78	48,748			5	960	63,017	679	23,113	39,225		424,124	398,133	25,991	918,530	72
537	350,906			1	156	1,130,913	1,779	20,630	1,108,504		622,401	569,532	52,869	2,934,028	73
203	112,497	50	12,244	28	3,060	51,326	9,960	735	35,783	4,848	180,682	178,856	1,826	499,851	74
58	27,297	1	416	3	264	9,569	5,586	362	3,621		28,641	27,373	1,268	113,804	75
272	106,172	21	2,300	8	606	39,920	18,438	2,002	19,480		228,598	225,195	3,403	532,969	76
671	332,756			32	7,450	80,140	15,904	7,650	56,586		1,124,948	1,115,525	9,423	1,809,068	77
18	11,924					1,762	1,332	200	230		12,927	12,900	27	39,744	78
822	436,252	1	300	5	700	39,398	6,536	3,487	29,345	30	472,478	459,701	12,777	1,329,275	79
1,212	778,889			18	3,620	576,086	8,839	2,750	20,367	544,130	2,238,109	2,236,352	1,757	4,025,838	80
95	40,160	11	2,884	6	884	15,414	7,926	1,367	6,121		138,332	136,920	1,412	266,590	81
53	21,555	207	58,749	6	784	12,262	6,685	767	4,810		138,450	136,843	1,607	297,847	82
7	2,439	499	147,737	16	2,548	70,363	50,954	3,538	15,869	2	641,490	639,616	1,874	1,157,944	83
127	47,626	2	500	6	690	21,702	4,264	488	16,950		98,374	97,006	1,368	231,957	84
27	15,214			2	310	2,421	1,610		811		6,828	5,742	1,086	37,146	85
185	94,407			2	520	12,158	4,123	3,012	5,023		139,412	138,037	1,375	336,909	86
21	13,108					2,551	1,150	230	921	250	13,006	12,856	150	44,440	87
444	222,410			3	338	83,697	450	12,280	70,967		358,630	354,618	4,012	827,371	88
20	7,038					7,526	1,619	544	5,113	250	99,086	98,548	538	152,640	89
30	16,376	1	240			11,294	8,668	166	2,460		29,556	28,666	890	98,465	90
698	245,117	604	113,000	114	18,474	67,988	5,720	4,835	57,433		1,724,513	1,711,996	12,517	2,364,968	91

TABLE 8.—MANUFACTURES IN BALTIMORE

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES AND TOWNS.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
92	Painting, house, sign, etc	272	$356,170	$61,732	$82,508	$32,786	$179,144	295	27	$18,016	909	$411,119
93	Paints	12	290,177	18,000	28,000	78,730	165,447	20	26	25,900	110	45,273
94	Paper hanging	104	230,471	40,115	66,250	6,113	117,993	111	20	13,408	309	145,530
95	Paper patterns	3	510			50	460	4			1	300
96	Patent medicines and compounds	48	990,864	50,150	114,050	77,698	748,966	50	114	176,054	435	134,530
97	Paving and paving materials	21	402,165	33,166	55,900	154,244	158,855	20	15	25,216	384	139,252
98	Perfumery and cosmetics	10	75,714			18,710	57,004	8	16	14,440	90	23,245
99	Photography	47	105,348	2,220	13,500	49,525	40,103	53	7	2,058	88	41,890
100	Pickles, preserves, and sauces	23	125,346	14,866	24,765	37,928	47,787	28	15	10,250	74	22,569
101	Plastering and stuccowork	37	90,158	23,050	16,025	3,718	47,365	38	4	3,346	170	109,421
102	Plumbers' supplies	3	1,065,095	72,111	60,000	267,722	665,262		68	68,294	662	234,053
103	Plumbing, and gas and steam fitting	218	739,208	111,356	149,510	75,090	403,252	235	42	32,048	756	381,929
104	Pottery, terra cotta, and fire-clay products.	9	422,339	36,100	149,629	62,664	173,946	8	26	25,793	501	199,177
105	Printing and publishing, book and job	142	1,285,980	25,733	43,600	659,209	557,438	175	148	133,600	1,178	505,903
106	Printing and publishing, newspapers and periodicals.	40	1,885,181	238,513	330,238	691,497	624,933	32	334	354,112	1,158	625,135
107	Printing materials	4	12,000			9,500	2,500	5	2	400	21	7,295
108	Pumps, not including steam pumps	3	16,100			950	15,150	4	1	168	8	3,166
109	Regalia and society banners and emblems.	6	50,215	500	900	18,305	30,510	6	14	11,690	67	20,605
110	Roofing and roofing materials	8	32,492	3,025	7,000	3,250	19,217	9	5	2,910	55	27,052
111	Saddlery and harness	78	706,622	47,682	80,000	54,245	524,695	93	59	46,215	481	156,942
112	Sausage	4	16,766	4,566	7,850	1,800	2,550	4			10	4,662
113	Sewing machine repairing	11	23,815	4,900	7,400	4,365	7,150	7	2	3,500	22	13,242
114	Ship and boat building, wooden	14	469,015	186,100	33,975	110,000	138,940	16	17	16,716	413	233,532
115	Shipbuilding, iron and steel	3	1,219,588	100,000	50,000	345,000	724,588	3	42	46,031	982	521,224
116	Shirts	34	1,173,989	4,000	8,000	164,005	997,984	56	128	125,651	2,475	528,750
117	Silverware	5	221,336	35,000	3,000	34,400	148,936	11	15	15,710	116	67,479
118	Slaughtering and meat packing, wholesale.	40	1,121,507	81,909	244,100	147,950	647,548	63	54	43,424	437	204,094
119	Slaughtering, wholesale, not including meat packing.	33	223,446	62,806	99,500	30,050	31,090	34	3	1,300	71	29,804
120	Soap and candles	5	207,332	9,913	30,000	26,690	140,729		32	28,074	126	53,388
121	Stamped ware	3	1,354,591	70,000	150,350	129,975	1,004,266	1	29	33,740	826	220,984
122	Stencils and brands	3	8,725			5,250	3,475	3	1	600	6	2,386
123	Tinsmithing, coppersmithing, and sheet-iron working.	218	2,609,793	163,055	353,481	480,205	1,613,052	248	133	89,940	2,227	738,605
124	Tobacco, chewing, smoking, and snuff	5	1,805,611	107,034	356,333	536,371	805,873	8	120	259,624	2,002	564.272
125	Tobacco, cigars and cigarettes	316	1,365,496	158,694	219,540	65,570	921,692	360	150	104,141	2,023	664,578
126	Tools, not elsewhere specified	5	32,685	500	1,500	4,235	26,450	5	1	200	10	6,036
127	Trunks and valises	13	53,593	4,333	3,000	5,010	41,250	17	7	3,300	56	22,109
128	Umbrellas and canes	10	390,592	12,000	19,000	12,550	347,042	18	83	60,510	398	109,172
129	Upholstering materials	4	661,209	13,333	48,150	17,125	582,601	8	27	24,985	686	206,060
130	Varnish	3	48,604		9,000	9,456	30,148	3	9	7,264	12	5,488
131	Vinegar and cider	4	50,568	4,450	13,013	9,178	23,927	6	2	2,436	27	13,973
132	Watch, clock, and jewelry repairing	130	214,960	33,050	57,000	28,585	96,325	133	2	1,230	96	53,233
133	Window shades	4	58,065	1,000	1,000	2,300	53,765	3	9	9,890	33	14,540
134	Wirework, including wire rope and cable.	12	216,340	26,900	16,200	75,094	98,146	20	15	14,225	150	59,180
135	Wood, turned and carved	7	29,950	2,500	17,000	6,325	4,125	8	4	2,512	23	8,952
136	All other industries[1]	120	32,021,998	3,183,043	3,252,237	4,816,510	20,770,208	106	458	522,453	6,723	2,128,221

[1] Embraces agricultural implements, 1; artificial limbs, 2; axle grease, 1; babbitt metal and solder, 2; bags, paper, 2; belting and hose, linen, 2; brassware, 2; brick and tile, 1; bridges, 1; buttons, 2; card cutting and designing, 1; carriage and wagon materials, 2; carriages and sleds, children's, 2; cheese, butter, and condensed milk, factory product, 2; cleansing and polishing preparations, 2; cloth, sponging and refinishing, 2; coffins, burial cases, and undertakers' goods, 1; cordage and twine, 1; cordials and sirups, 1; cork, cutting, 1; cotton goods, 2; cotton waste, 1; drug grinding, 2; dyeing and finishing textiles, 1; engraving, wood, 1; files, 2; firearms, 1; fire extinguishers, chemical, 1; fireworks, 2; galvanizing, 2; gas and lamp fixtures, 2; gas, illuminating and heating, 2; gas machines and meters, 2; glue, 1; gold and silver, leaf and foil, 2; gold and silver, reducing and refining, not from the ore, 1; hairwork, 2; hammocks, 1; hand knit goods, 2; horseshoes, factory product, 1; house furnishing goods, not elsewhere specified, 1; ink, printing, 1; ink, writing, 1; iron and steel, forgings, 1; japanning, 1; jewelry

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and towns	673	$6,987,957	$524,918	$1,371,488	$1,678,317	$3,413,234	734	408	$270,753	6,148	$2,063,884
2	Annapolis	91	188,195	23,435	51,019	77,897	35,844	94	12	7,120	244	101,608
3	Cumberland	142	2,946,748	268,134	725,217	644,255	1,309,142	151	176	131,085	1,992	815,503
4	Frederick	133	1,217,702	101,135	248,203	294,004	574,360	149	77	51,968	1,131	252,383
5	Hagerstown	203	1,375,281	85,664	169,489	355,304	764,824	223	96	52,279	1,873	502,307
6	Havre de Grace	38	831,464	17,500	111,850	215,115	486,999	43	21	17,150	674	332,348
7	Westminster	66	428,567	29,050	65,710	91,742	242,065	74	26	11,151	234	59,735

BY SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
896	$409,446			13	$1,673	$37,729	$24,194	$2,598	$8,901	$2,041	$258,415	$257,414	$1,001	$1,046,680	92
94	41,688	9	$2,585	7	1,000	22,148	5,395	1,349	15,404		265,238	258,566	6,672	441,744	93
294	142,576	5	1,470	10	1,484	23,010	13,671	2,177	7,162		128,490	128,171	319	427,043	94
		1	300			566	564		2		102	90	12	3,185	95
179	85,060	247	48,450	9	1,020	427,288	9,574	11,797	405,907	10	467,915	462,998	4,917	1,707,336	96
383	139,047			1	205	16,025	4,392	1,793	9,840		146,956	144,789	2,167	409,802	97
30	12,135	60	11,110			37,669	5,452	1,569	30,648		98,066	97,675	391	220,446	98
70	36,785	17	4,953	1	152	23,049	19,088	345	3,416	200	47,583	46,502	1,081	187,127	99
60	18,771	13	3,694	1	104	9,511	3,652	1,103	4,756		203,234	200,662	2,572	294,898	100
170	109,421					7,050	3,747	391	1,512	1,400	61,781	61,556	225	237,010	101
620	220,460	35	12,164	7	1,429	33,743	985	9,805	22,953		337,793	329,036	8,757	709,236	102
733	378,538			23	3,391	53,919	26,503	4,790	21,526	1,100	722,023	715,898	6,125	1,620,222	103
339	157,725	80	31,287	82	10,165	26,284	4,167	3,728	16,378	2,011	100,191	77,935	22,256	446,706	104
949	458,139	165	38,695	64	9,069	196,111	58,096	3,395	80,836	53,784	690,446	670,006	20,440	2,037,037	105
1,122	612,646	21	10,506	15	1,983	317,436	42,178	12,298	191,084	71,876	487,131	466,449	20,682	2,160,520	106
17	6,620	2	400	2	275	1,335	850	60	425		11,175	11,050	125	28,000	107
8	3,166					2,393	1,048	35	1,310		8,981	8,975	6	25,000	108
19	10,000	28	7,780	20	2,825	12,842	3,000	424	9,418		56,251	55,590	661	122,690	109
55	27,052					1,519	494	124	901		71,487	71,392	95	137,360	110
450	148,492	21	6,450	10	2,000	45,808	14,999	5,195	25,600	14	617,736	615,334	2,402	1,024,787	111
10	4,662					817		191	626		29,548	28,680	868	40,976	112
22	13,242					1,628	1,200	126	302		20,959	20,672	287	53,247	113
413	233,532					25,445	3,990	6,987	14,468		164,437	160,926	3,511	555,852	114
982	521,224					66,907	27,875	1,471	34,561	3,000	537,486	523,986	13,500	1,468,904	115
602	181,099	1,833	344,050	40	3,601	300,636	46,528	2,872	136,828	114,438	2,362,502	2,353,314	9,188	3,686,675	116
112	66,729	1	400	3	350	17,789	7,150	2,026	6,613	2,000	76,828	75,229	1,599	200,172	117
428	202,574	6	1,044	3	476	90,767	12,352	6,558	70,357	1,500	4,655,006	4,620,631	34,375	5,308,334	118
70	29,354	1	450			8,779	1,330	2,725	4,724		1,602,552	1,597,502	5,050	1,758,127	119
91	46,003	30	6,785	5	600	18,967	1,970	1,098	15,016	883	165,753	159,108	6,645	279,887	120
525	154,482	170	42,750	131	23,752	41,705		3,945	37,760		601,569	597,400	4,169	1,059,800	121
5	2,286			1	100	1,239	1,020	12	207		2,591	2,513	78	11,842	122
1,897	678,990	130	28,890	200	30,725	141,765	32,209	10,375	98,291	890	3,618,208	3,578,981	39,227	5,420,980	123
584	243,979	1,232	298,489	186	21,804	3,233,312	2,836	13,629	3,216,847		2,496,107	2,484,983	11,124	7,054,159	124
1,327	523,042	615	130,704	81	10,832	396,133	45,869	10,216	340,048		922,724	919,221	3,503	2,522,296	125
10	6,036					1,429	697	78	654		7,126	6,753	373	23,491	126
44	20,399			12	1,710	9,403	7,172	401	1,830		28,878	28,313	565	84,952	127
110	42,416	288	66,756			20,047	6,775	982	12,090	200	745,024	743,881	1,143	1,092,761	128
513	171,360	86	17,700	87	17,000	27,294	8,528	2,391	16,375		676,000	668,800	7,200	1,044,150	129
11	5,254	1	234			3,994	740	197	3,057		34,734	34,120	614	64,521	130
25	13,505	2	468			4,392	300	440	3,652		31,619	30,440	1,179	68,321	131
87	52,265			9	968	22,829	16,775	1,585	4,269	200	54,369	53,101	1,268	246,260	132
21	10,600	10	3,680	2	260	8,092	2,894	238	4,960		119,132	118,922	210	193,300	133
106	51,400	10	2,100	34	5,680	19,566	3,186	1,450	12,430	2,500	84,755	82,124	2,631	195,649	134
22	8,822			1	130	1,296	802	101	393		16,718	15,710	1,008	42,575	135
3,975	1,540,391	1,808	437,924	940	149,906	960,632	49,455	210,574	697,781	2,822	7,609,028	7,383,647	225,381	13,429,540	136

and instrument cases, 1; labels and tags, 2; lard, refined, 1; lead, bar, pipe, and sheet, 1; leather goods, 1; lumber and timber products, 1; malt, 1; millstones, 1; mirrors, 2; mucilage and paste, 2; musical instruments and materials, not specified, 2; needles and pins, 1; nets and seines, 2; oakum, 1; paper and wood pulp, 1; pens, gold, 1; photographic materials, 1; photolithographing and photoengraving, 2; pipes, tobacco, 2; plated and britannia ware, 2; printing and publishing, music, 1; refrigerators, 1; rubber and elastic goods, 2; safes and vaults, 1; saws, 2; scales and balances, 1; show cases, 1; silversmithing, 1; starch, 1; stationery goods, not elsewhere specified, 1; steam packing, 1; stereotyping and electrotyping, 2; surgical appliances, 2; tin and terne plate, 2; toys and games, 2; type founding, 1; washing machines and clothes wringers, 1; watch cases, 1; woolen goods, 1.

TOWNS UNDER 20,000 IN POPULATION: 1900.

4,212	$1,746,742	1,559	$286,485	377	$30,657	$424,084	$71,854	$35,956	$292,659	$23,605	$5,943,907	$5,825,229	$118,678	$9,993,772	1
212	95,569	27	5,545	5	494	9,797	5,130	2,156	2,331	180	170,043	166,298	3,745	393,086	2
1,800	775,784	153	33,687	39	6,032	218,955	21,222	17,481	175,747	4,505	2,006,710	1,954,747	51,963	3,526,422	3
654	206,988	314	34,133	163	11,262	69,893	15,904	6,937	46,952	100	1,054,449	1,035,181	19,268	1,727,094	4
929	335,135	859	159,831	85	7,341	92,802	20,689	6,663	47,130	18,320	1,454,929	1,434,049	20,880	2,465,507	5
458	283,025	144	44,545	72	4,778	16,491	5,277	1,278	9,636	300	913,676	906,688	6,988	1,372,420	6
159	50,241	62	8,744	13	750	16,146	3,632	1,441	10,873	200	344,100	328,266	15,834	509,243	7

MASSACHUSETTS.

Table 1 shows the manufacturing and mechanical industries of the state of Massachusetts as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	29,180	26,923	14,352	13,212	8,176	8,852	8.4	87.6	8.6	61.6	[1]7.6
Capital	$823,264,287	$630,032,341	$303,806,185	$231,677,862	$132,792,327	$88,940,292	30.7	107.4	31.1	74.5	49.3
Salaried officials, clerks, etc., number	27,860	[2]37,912	(3)	(3)	(3)	(3)	[1]26.5				
Salaries	$31,257,630	[2]$33,826,172	(3)	(3)	(3)	(3)	[1]7.6				
Wage-earners, average number	497,448	447,270	352,255	279,380	217,421	177,461	11.2	27.0	26.1	28.5	22.5
Total wages	$228,240,442	$205,844,337	$128,315,362	$118,051,886	$56,960,913	$41,954,736	10.9	60.4	8.7	107.3	35.8
Men, 16 years and over	341,783	305,151	228,834	179,032	146,268	107,784	12.0	33.4	27.8	22.4	35.7
Wages	$180,155,824	$163,726,542	(3)	(3)	(3)	(3)	10.0				
Women, 16 years and over	143,109	133,452	105,976	86,229	71,153	69,677	7.2	25.9	22.9	21.2	2.1
Wages	$45,630,890	$40,647,480	(3)	(3)	(3)	(3)	12.3				
Children, under 16 years	12,556	8,667	17,445	14,119	(3)	(3)	44.9	[1]50.3	23.6		
Wages	$2,453,728	$1,470,315	(3)	(3)	(3)	(3)	66.9				
Miscellaneous expenses	$73,209,015	$63,083,782	(4)	(4)	(4)	(4)	16.1				
Cost of materials used	$552,717,955	$473,199,434	$386,972,655	$334,413,982	$135,053,721	$85,856,771	16.8	22.3	15.7	147.6	57.3
Value of products, including custom work and repairing	$1,035,198,989	$888,160,403	$631,135,284	$553,912,568	$255,545,922	$157,743,994	16.6	40.7	13.9	116.8	62.0
Total population	2,805,346	2,238,943	1,783,085	1,457,351	1,231,066	994,514	25.3	25.6	22.4	18.4	23.8
Wage-earners engaged in manufactures	497,448	447,270	352,255	279,380	217,421	177,461	11.2	27.0	26.1	28.5	22.5
Per cent of total population	17.7	20.0	19.8	19.2	17.7	17.8					
Assessed value of real estate	[5]$2,247,094,547	$1,600,137,807	$1,111,160,072	$901,037,841	$475,413,165	$349,129,932	40.4	44.0	23.3	89.5	36.2
Value of land and buildings invested in manufactures[6]	$173,694,674	$124,833,215	(3)	(3)	(3)	(3)	39.1				
Per cent of assessed value	7.7	7.8									

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[3] Not reported separately.
[4] Not reported.
[5] As given in the Report of the Tax Commissioner for 1899, page 13.
[6] Does not include value of rented property.

Table 1 shows that there has been a considerable growth in the manufacturing and mechanical industries of Massachusetts during the half century. The population during these years increased from 994,514 to 2,805,346, or 182.1 per cent, while the average number of wage-earners employed in manufacturing establishments increased from 177,461 to 497,448, or 180.3 per cent, embracing, in 1900, 17.7 per cent of the entire population, compared with 17.8 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 623,080, or 22.2 per cent of the total population of the state. Both the greatest percentage of increase in the value of products, 116.8, and the greatest absolute increase, $298,366,646, are shown for the decade ending with 1870. The land area of Massachusetts is 8,040 square miles, only 4 states being smaller, namely, Rhode Island, Delaware, Connecticut, and New Jersey, and yet in 1900, as in 1890, Massachusetts ranked fourth among the United States in value of manufactured products. The development of manufacturing in Massachusetts is not due to special advantages based upon the possession of raw material. The coal, iron, cotton, wool, lumber, hides, and nearly all the other materials which are used in the great manufacturing industries are brought from without, and after transformation into finished products are, in the main, consumed in markets outside the borders of the state.

The principal advantage which the state possesses is its waterpower, and although changes in the methods of developing power have perhaps rendered this less essential than formerly, it is still an important factor. The power of the Connecticut River at Holyoke, and at Turners Falls, in the town of Montague, utilized by means of immense dams of the most permanent construction, and by a system of canals, affords in each place a succession of mill sites along the entire water frontage. The Deerfield, Millers, Chicopee, and Westfield rivers, tributaries of the Connecticut, are all noteworthy power-producing streams. At Lowell and Lawrence, upon the Merrimac, the possession of similar advantages led to the selection of these places for the installation of the factory system in the manufacture of textiles. At Fall River, the power furnished from Watuppa Pond has been an essential element in the development of that cotton manufacturing center; while upon the Blackstone River and many lesser streams throughout the state, the existence of sites naturally adapted to the erection of mills was influential in the expansion of the

woolen and cotton industries in the early part of the century, thus laying the foundation of numerous thriving industrial communities.

Transportation facilities have kept pace with industrial development. Boston, the metropolis, is connected with the West by two railway systems, and these communicate, either directly or by branches, with all of the leading industrial centers. One general system, with its various divisions, communicates with the South by way of New York, uniting important manufacturing cities and towns, while a network of main and branch lines connects the northern and eastern factory centers of the state with each other, with the seaboard, and with the railway systems leading south and west. By water transportation, also, coal and supplies of materials are brought into Boston and other seaboard cities, and thence distributed to points of consumption.

The energies of the inhabitants of Massachusetts have always been directed largely into industrial channels. The records of the Patent Office show that a very large proportion of the machines which have had so great a part in transforming industrial conditions since the introduction of the factory system, are the inventions of Massachusetts men. In colonial days much was done through public action to foster and develop local manufactures, and the impetus thus given has had its effect throughout the industrial history of the state. The Massachusetts Charitable Mechanics' Association, incorporated in 1806, was influential for many years in promoting invention and improved craftsmanship by periodic exhibitions and in other ways. The state contains two technical educational institutions of the highest class, the Massachusetts Institute of Technology, at Boston, and the Worcester Polytechnic Institute, at Worcester. The importance of both these institutions has been very great. Their trained graduates have taken positions of responsibility in local industrial affairs, but their influence is by no means confined to the state. Both institutions have received liberal grants from the state, as well as gifts from individuals, and in return free scholarships have been established extending, on certain conditions, the privileges of these institutions to worthy graduates of the public schools. The importance of manual training in an industrial commonwealth is recognized in the public school system itself, the law providing that drawing and manual training may be regularly included in the courses of instruction. This provision is generally observed in the larger towns and cities, especially in those of industrial prominence. There is also the State Normal Art School, in which the principles of design receive prominent attention, and at Lowell, Fall River, and New Bedford there are well-equipped schools, especially devoted to technical instruction in connection with the textile industry, and receiving appropriations from the state, in addition to private bequests and donations.

The early records contain numerous allusions to bounties or other aid granted to those who would undertake the establishment of useful, productive enterprises. The exportation of machinery from England to its colonies was forbidden by law, and in 1786 Massachusetts granted financial aid to Thomas Somers, an Englishman, and to Robert and Alexander Barr, Scotchmen—all of whom were acquainted with the progress of English invention—enabling them to construct spinning machinery, which was used experimentally at East Bridgewater, under the patronage of Col. Hugh Orr, of Bridgewater. An early and imperfect form of the Arkwright machines, brought into the country by Somers, became the property of Massachusetts.[1]

As early as October 28, 1767, the sentiment of the citizens of Boston in favor of home industries found expression at a meeting held in Faneuil Hall, at which it was voted that on and after December 31, 1767, no one should purchase from abroad any of certain articles, among them cordage, men's and women's hats, ready-made wearing apparel, gloves, gold, silver, or thread lace of all sorts; broadcloth that cost above 10 shillings per yard; silk or cotton velvet, or silk of all kinds, for garments; or gauze, lawns, or cambrics.[2] In 1780 an association for making cloth was formed at Worcester; in April of that year the first piece of corduroy made in Worcester was taken from the loom.[3] Similar associations for the industrial development of the province were soon formed elsewhere. The attention of the people was in this way directed into industrial channels, and busy industrial communities were founded, which were destined, under the influence of the factory system, to become important manufacturing towns and cities.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for governmental establishments, educational, eleemosynary, and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

[1] Report of the Massachusetts Bureau of Statistics of Labor, 1885, page 172. Statistics of Manufactures, Massachusetts, 1898, page 219.

[2] Boston Town Records, 1758–1769, page 220 ff.

[3] Lincoln's History of Worcester, page 268.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	31,982	$840,281,127	34,791	499,746	$229,343,215	$73,350,112	$554,251,766	$156,053,236	$379,366,948	$18,831,582	$1,038,196,393
Hand trades[1]	15,358	31,693,758	16,753	52,155	29,100,619	9,641,098	43,169,209	592,472	41,734,898	841,839	106,342,947
Governmental establishments	8	13,609,723	--------	1,438	1,001,358	15,706	938,163	800	902,613	34,750	1,628,640
Educational, eleemosynary, and penal institutions	21	511,124	1	100	52,094	25,298	398,757	34,606	353,059	6,092	614,398
Establishments with a product of less than $500	2,773	2,895,993	2,865	760	49,321	100,093	201,891	12,603	189,288	----------	754,366
All other establishments	13,822	791,570,529	15,172	445,293	199,139,823	63,567,917	509,548,746	155,412,755	336,187,090	17,948,901	928,856,042

[1] Includes bicycle and tricycle repairing, 553; blacksmithing and wheelwrighting, 1,996; boots and shoes, custom work and repairing, 1,718; carpentering, 2,103; clothing, men's, custom work and repairing, 1,527; clothing, women's, dressmaking, 1,335; dyeing and cleaning, 85; furniture, cabinetmaking, repairing, and upholstering, 500; lock and gun smithing, 151; masonry, brick and stone, 759; millinery, custom work, 874; painting, house, sign, etc., 1,743; paper hanging, 98; plastering and stuccowork, 108; plumbing, and gas and steam fitting, 1,072; sewing machine repairing, 20; taxidermy, 15; typewriter repairing, 7; watch, clock, and jewelry repairing, 694.

Of the 31,982 establishments of all classes shown in this table, 18,131, or 56.7 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $107,097,313, or only 10.3 per cent of the total value of the products of the state.

In addition to the 31,982 active establishments in the state during the census year, with a capital of $840,281,127, shown in Table 2, there were 148 idle establishments, with a capital of $5,583,033, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Ammunition	1	$249,500	Liquors, malt	1	$21,500
Bookbinding and blank book making	3	14,850	Lumber and timber products	5	24,096
Boots and shoes, factory product	11	152,460	Lumber, planing mill products, including sash, doors, and blinds	4	49,720
Brick and tile	6	70,100	Marble and stone work	8	20,130
Bridges	1	75,000	Masonry, brick and stone	4	20,800
Carpentering	13	19,795	Mineral and soda waters	1	60,000
Carriages and wagons	3	19,836	Paper and wood pulp	3	734,908
Electrical apparatus and supplies	3	327,500	Pottery, terra cotta, and fire-clay products	2	98,800
Flouring and grist mill products	4	21,825	Silk and silk goods	2	19,000
Foundry and machine shop products	6	47,100	Tinsmithing, coppersmithing, and sheet-iron working	3	16,113
Horseshoes, factory product	2	993,747	Wood, turned and carved	1	30,000
Hosiery and knit goods	2	80,000	Woolen goods	16	1,086,157
Iron and steel	1	510,000	Worsted goods	2	388,643
Iron and steel, forgings	2	94,510	All other industries	36	66,728
Iron and steel, nails and spikes, cut and wrought, including wire nails	1	38,715			
Liquors, distilled	1	231,500			

TABLE 3.—COMPARATIVE SUMMARY OF TWENTY-ONE LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	5,570	$578,812,222	332,232	$143,868,269	$43,505,464	$381,356,715	$672,470,907
	1890	5,699	438,298,314	295,011	126,925,067	40,931,268	327,053,169	575,226,750
Increase, 1890 to 1900	--------	[1] 129	140,513,908	37,221	16,943,202	2,574,196	54,303,546	97,244,157
Per cent of increase	--------	[1] 2.3	32.1	12.6	13.3	6.3	16.6	16.9
Per cent of total of all industries in state	1900	19.1	70.3	66.8	63.0	59.4	69.0	65.0
	1890	21.2	69.6	66.0	61.7	64.9	69.1	64.8
Boot and shoe cut stock	1900	270	5,475,277	4,390	1,699,807	390,223	14,272,487	18,238,922
	1890	288	4,774,754	4,208	1,661,846	368,541	12,338,630	15,923,650
Boots and shoes, factory product	1900	640	37,577,630	58.645	27,745,820	4,826,896	75,751,964	117,115,243
	1890	1,057	44,567,702	67,374	32,379,899	5,568,233	63,928,182	116,387,900
Boots and shoes, rubber	1900	6	13,157,321	5,250	2,456,305	1,081,132	8,837,688	16,490,015
	1890	5	8,878,775	4,932	2,089,502	452,250	6,400,882	9,792,024
Carriages and wagons	1900	388	5,594,939	3,164	1,709,164	346,351	2,585,363	6,118,121
	1890	430	5,495,873	4,131	2,502,754	370,769	3,163,947	7,607,869
Clothing: Total	1900	313	5,410,165	6,776	2,505,280	1,696,105	7,806,902	15,032,604
	1890	265	11,846,787	8,608	3,310,997	2,633,241	12,790,368	23,106,164
Clothing, men's, factory product	1900	194	3,793,174	3,333	1,422,278	1,434,508	5,011,759	9,830,954
	1890	221	11,254,626	7,283	2,874,880	2,521,163	11,865,905	21,242,647
Clothing, women's, factory product	1900	119	1,616,991	3,443	1,083,002	261,597	2,795,143	5,201,650
	1890	44	592,161	1,325	436,117	112,078	924,463	1,863,517

[1] Decrease.

TABLE 3.—COMPARATIVE SUMMARY OF TWENTY-ONE LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Confectionery	1900	249	$2,212,389	2,942	$1,046,114	$417,846	$4,083,063	$7,014,532
	1890	218	1,560,049	1,994	728,666	278,433	3,164,741	5,291,844
Cordage and twine	1900	19	7,697,434	3,303	1,100,990	418,861	6,527,318	9,635,571
	1890	32	8,168,593	3,351	1,097,908	372,447	7,688,142	10,510,530
Electrical apparatus and supplies	1900	54	8,259,612	5,202	2,714,449	454,008	5,250,293	10,490,361
	1890	26	5,582,175	2,581	1,294,523	338,810	2,488,390	5,762,599
Foundry and machine shop products	1900	825	62,498,989	32,234	17,862,854	3,535,269	21,357,406	56,290,159
	1890	711	36,621,187	23,379	13,533,768	3,040,866	14,447,803	38,906,680
Furniture, factory product	1900	120	10,987,220	6,092	2,925,331	1,105,730	4,557,565	11,244,503
	1890	136	3,457,794	3,410	1,999,256	341,571	2,623,947	6,166,522
Iron and steel	1900	8	13,738,593	6,125	3,408,827	1,001,756	7,542,888	13,491,159
	1890	15	8,890,555	5,210	2,469,075	179,970	6,951,018	11,201,149
Jewelry	1900	138	4,917,105	5,696	2,780,993	278,510	4,390,447	10,315,334
	1890	106	4,276,610	3,503	1,819,821	405,526	1,803,444	5,507,415
Leather, tanned, curried, and finished	1900	119	15,317,940	7,010	3,379,698	662,553	19,793,757	26,067,714
	1890	194	11,611,393	7,725	4,215,725	849,589	19,962,738	27,771,815
Liquors, malt	1900	40	18,136,623	1,651	1,340,412	4,731,540	2,843,050	11,255,613
	1890	26	6,003,344	818	613,070	1,320,173	2,064,079	5,355,438
Lumber:								
Total	1900	696	10,373,208	5,202	2,559,154	578,520	7,210,172	12,818,511
	1890	652	9,845,375	6,519	3,221,921	645,229	7,024,008	13,323,708
Lumber and timber products	1900	553	6,253,171	2,768	1,215,088	297,759	3,574,418	6,526,230
	1890	488	5,135,860	3,000	1,042,508	321,091	2,719,117	5,211,607
Lumber, planing mill products, including sash, doors, and blinds	1900	143	4,120,037	2,434	1,344,066	280,761	3,635,754	6,292,281
	1890	164	4,709,515	3,519	2,179,413	324,138	4,304,891	8,112,101
Paper and wood pulp	1900	93	26,692,922	9,061	3,938,400	1,693,505	11,918,802	22,141,461
	1890	85	22,467,036	7,817	3,420,459	1,832,753	12,210,458	21,524,178
Printing and publishing:								
Total	1900	981	19,325,956	10,859	6,675,723	5,508,817	6,822,951	28,964,680
	1890	813	12,206,449	8,482	5,012,310	4,090,188	4,839,098	18,918,942
Book and job	1900	585	8,933,698	5,427	2,906,519	2,206,995	2,901,286	12,199,580
	1890	404	4,674,622	3,608	1,923,606	1,020,004	1,936,758	6,899,236
Newspapers and periodicals	1900	396	10,392,258	5,432	3,769,204	3,301,822	3,921,665	16,765,100
	1890	409	7,531,827	4,874	3,088,704	3,070,184	2,902,340	12,019,706
Rubber and elastic goods	1900	70	11,818,650	5,944	2,401,954	652,939	8,554,422	13,885,059
	1890	50	6,836,190	3,472	1,367,634	594,527	5,311,889	8,518,612
Slaughtering:								
Total	1900	22	11,314,075	2,748	1,318,077	591,102	28,040,069	31,633,483
	1890	24	7,187,735	1,779	826,409	497,382	16,372,177	20,221,645
Slaughtering and meat packing, wholesale	1900	11	9,016,672	2,337	1,113,943	464,526	24,603,698	27,505,698
	1890	14	6,599,248	1,548	665,513	470,515	13,185,256	16,692,851
Slaughtering, wholesale, not including meat packing	1900	11	2,297,403	411	204,134	126,576	3,436,371	4,127,785
	1890	10	588,487	231	160,896	26,867	3,186,921	3,528,794
Sugar and molasses, refining	1900	7	13,974,045	592	352,059	411,754	19,170,246	19,626,882
	1890	4	1,862,275	204	115,529	3,758,036	12,842,736	16,875,538
Textiles:								
Total	1900	512	274,332,129	149,346	53,946,858	13,122,047	114,039,862	214,600,980
	1890	562	216,157,663	125,514	43,243,995	12,992,734	108,636,492	186,552,533
Carpets and rugs, other than rag	1900	8	9,400,829	4,480	1,720,289	427,241	3,989,945	6,966,237
	1890	7	8,676,924	5,109	1,816,089	367,164	4,731,873	7,275,009
Cotton goods, including cotton small wares	1900	177	156,289,451	92,515	32,478,697	7,275,111	54,389,045	111,125,175
	1890	187	128,838,837	75,544	25,118,365	6,675,285	56,586,283	100,202,882
Dyeing and finishing textiles	1900	37	15,206,200	4,678	2,081,015	866,829	3,110,910	8,868,290
	1890	33	11,996,154	4,270	1,809,787	869,669	2,801,364	6,496,215
Felt goods	1900	7	1,338,640	464	180,795	67,612	953,203	1,526,830
	1890	7	731,976	326	120,683	29,386	637,928	918,890
Hosiery and knit goods	1900	54	6,288,672	6,667	2,091,258	528,103	2,910,640	6,620,257
	1890	74	4,497,940	4,562	1,392,630	315,786	2,552,705	5,082,087
Shoddy	1900	29	769,294	307	127,715	50,027	685,123	988,189
	1890	29	902,850	406	152,613	62,687	1,170,868	1,614,459
Silk and silk goods	1900	20	5,649,758	3,110	1,110,324	382,745	3,823,963	5,957,532
	1890	20	3,353,296	2,993	1,038,284	484,390	3,251,893	5,557,569
Wool hats	1900	4	402,082	541	278,129	97,319	587,902	1,103,003
	1890	7	1,043,590	1,017	438,851	79,247	829,263	1,700,486
Woolen goods	1900	131	33,196,903	17,717	6,823,051	1,745,199	18,273,424	30,888,104
	1890	165	34,911,187	19,452	7,117,046	2,618,078	21,815,199	35,771,161
Worsted goods	1900	45	45,790,300	18,867	7,055,585	1,681,861	25,315,707	40,557,363
	1890	33	21,204,909	11,835	4,239,647	1,491,042	14,259,116	21,938,775

The 21 leading industries of the state in 1900, as shown in Table 3, embraced 5,570 establishments, or 19.1 per cent of the total number in the state; used a capital of $578,812,222, or 70.3 per cent of the total; gave employment to 332,232 wage-earners, or 66.8 per cent of the total number; and paid $143,868,269, or 63 per cent of the total wages. The value of their products was $672,470,907, or 65 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

Table 3 shows that the manufacture of textiles is the most important industry in the state. The 512 establishments reported in 1900 gave employment to 149,346 wage-earners, or 30 per cent of the wage-earners employed in the state, and the products were valued at $214,600,980, or 20.7 per cent of the total value of the products of the state. In 1890 there were 562 establishments, 125,514 wage-earners, and products valued at $186,552,533. The increase in the value of products during the decade was $28,048,447, or 15 per cent. In the manufacture of textiles Massachusetts has long ranked first among the United States. In 1900 its textile products exceeded in value those of Pennsylvania, the state ranking second, by $55,818,893, or 35.2 per cent. The subdivisions of the textile industry, mentioned in the order of the value of products, are: Cotton goods, including cotton small wares; worsted goods; woolen goods; dyeing and finishing textiles; carpets and rugs, other than rag; hosiery and knit goods; silk and silk goods; felt goods; wool hats; and shoddy.

There were 177 establishments engaged in the manufacture of cotton goods, including cotton small wares, in 1900, with 92,515 wage-earners, and products valued at $111,125,175. In 1890 there were 187 establishments, 75,544 wage-earners, and products valued at $100,202,882. The increase in the value of products during the decade was $10,922,293, or 10.9 per cent.

The total number of spindles in the cotton industry of the state in 1900 was 7,784,687, as against 5,824,518 in 1890, an increase of 1,960,169, or 33.7 per cent. This was 40.6 per cent of the total increase in the United States. The looms in 1900 aggregated 179,582, as compared with 133,227 in 1890, an increase of 34.8 per cent. In 1900 Massachusetts had 41 per cent of all spindles and 39.8 per cent of all looms employed in the cotton factories of the United States. The state was first in rank among the United States in the manufacture of cotton goods, having held that position since the beginning of the industry in this country. In 1900 the value of the products of its cotton mills was 33.2 per cent of the value of all the cotton goods manufactured in the United States; the corresponding percentage for South Carolina, the state second in rank, was 8.9.

The production of the finer kinds of cotton goods shows a gratifying increase. Fancy woven fabrics increased from 59,061,558 square yards in 1890 to 137,064,111 square yards in 1900, or 132.1 per cent, while in the United States exclusive of Massachusetts the increase was only 47.5 per cent. Of the 268,852,716 square yards of napped fabrics made in the United States in 1900, Massachusetts produced 137,199,384 square yards, or 51 per cent. Although the increase in the state in ticks, denims, and stripes was slight—from 61,192,423 to 63,794,395 square yards, or 4.3 per cent—the increase in the United States exclusive of Massachusetts was only 2 per cent. The increase in the production of cotton duck in the state was from 6,174,332 to 17,903,957 square yards, or 190 per cent. Of twills and sateens made in the United States in 1900, Massachusetts produced 86,668,240 square yards, or 36.7 per cent. The manufacture of ginghams decreased in the state, and only slightly increased in the United States. The production of print cloths increased from 610,200,536 square yards in 1890 to 927,405,189 square yards in 1900, or 52 per cent, and this quantity was 58.6 per cent of all the print cloths made in the United States. In corduroy, cotton velvet, and plushes, and mosquito and other nettings, not reported in 1890, the quantity produced in Massachusetts reached in 1900 an aggregate of nearly four million square yards.

The power loom, which revolutionized the cotton industry in the United States, was first constructed by Francis C. Lowell, of Boston, and Paul Moody, of Amesbury.[1] The fact that the power loom was in successful operation in Great Britain was known in the United States, but it was difficult to obtain any reliable knowledge of its construction, because of the jealousy of the manufacturers. Exportations of machinery were also carefully restricted. Mr. Lowell went to Edinburg in 1811 and then to Manchester, obtaining sufficient information to enable him, upon his return to Massachusetts in 1813, to secure the construction of the power loom, which has accomplished so much for the cotton manufacture of the United States. It was first put into operation at Waltham in 1814.[2] In England a patent for a power loom had been granted in 1785 to Edmund Cartwright, but it can not be said that power-loom weaving was successfully established until 1804, for not until that year was the necessary auxiliary machinery constructed, or the practical skill necessary for the business acquired.

The first cotton mill in the United States was built at Beverly, in 1788. In 1806 or 1807 an old woolen mill at Byfield was transformed into a cotton mill, with English machinery, and the manufacture of warp yarn and wicking was begun. Later, the manufacture of tickings, coarse ginghams, and sheetings was established, all being woven on hand looms. At about the same date Seth Bemis, of Watertown, began the production of cotton duck.[3] Between 1806 and 1814, 50 companies were incorporated in Massachusetts, principally for producing cotton and woolen goods, and in 1815 there were 57 cotton mills in the state, with 46,650 spindles.[3] In 1813 Dexter Wheeler and others established the manufacture of cotton cloth, and in 1820 the company was incorporated as the Fall River Manufactory. In 1813 also the Troy Cotton and Woolen Manufactory was established, and on February 13, 1813,

[1] Statistics of Manufactures, Massachusetts, 1898, page 221 ff.
[2] Cotton Manufacture in the United States, by Samuel Batchelder, page 61 ff.
[3] Census of Providence, by Stone.

the Boston Manufacturing Company was incorporated by special act of legislature. This corporation erected at Waltham a large mill containing 1,700 spindles in which all processes of manufacture were carried on under one roof, the first instance of the kind in the United States. In 1824 the Hamilton Company was organized at Lowell. This company was the first to apply the power loom to the manufacture of twilled and fancy goods and was the first to manufacture cotton drills. Its print works went into operation in 1828, but print works had been erected in Lowell six years earlier.[1]

The production of sail duck and other grades of linen fabrics was introduced early, but subsequent to 1810 the introduction of cotton goods superseded that of linen to a considerable extent. In 1835 Smith, Dove & Co. began the manufacture of yarn, thread, and twine at Andover. In 1846 Henry H. Stevens, of Webster, began the production of linen goods, receiving, three years later, the gold medal of the American Institute for the best piece of American linen spun by machinery and woven on the power loom. In 1852 the American Linen Manufacturing Company of Fall River was established, and was the first and only regularly equipped manufactory of linen, on a large scale, from long-line flax.[2]

There were 45 establishments engaged in the manufacture of worsted goods in 1900, with 18,867 wage-earners, and products valued at $40,557,363. In 1890 there were 33 establishments, 11,835 wage-earners, and products valued at $21,933,775. The increase in the value of products during the decade was $18,623,588, or 84.9 per cent.

In 1900 Massachusetts led all the other states in the manufacture of worsted goods, and for the first time the value of the products of the worsted mills exceeded that of the products of the woolen mills. The increase in the manufacture of worsted goods in the United States, for the decade ending with 1900, was so great that the total value of products was $1,884,186 more than the total value of products of the woolen mills, although in 1890 the value of the products of the woolen mills exceeded that of the worsted mills by $54,383,325. This shows the growing importance of the worsted industry. In Massachusetts the increase in the value of products during the decade was the phenomenal one of 84.9 per cent; in the United States as a whole it was 51.9 per cent, and, exclusive of Massachusetts, only 39.3 per cent. The absolute increase in Massachusetts during the decade ending in 1890 was $11,467,759, and for the decade ending in 1900 it was $18,623,588. The capital has more than doubled since 1890, increasing from $21,204,909 to $45,790,300, or 115.9 per cent. In 1900 it was 34.6 per cent of the total capital in the United States invested in this manufacture, compared with 31.1 per cent in 1890. In 1900, 70,078,969 square yards of cloth were made in its worsted mills, which was an increase from 43,579,321 square yards in 1890, or 60.8 per cent. The quantity produced in 1900 was 29.5 per cent of the products of all the worsted mills of the United States in that year. Of worsted coatings, etc., for men's wear, the state in 1900 manufactured 21,180,544 square yards, or 42.2 per cent of all such goods made in the United States; of linings, Italian cloths, etc., 6,309,534 square yards, or 90.3 per cent of all made in the United States; and of worsted dress goods, 13,026,286 square yards, or 23.9 per cent of all made in the United States.

In the test of machinery the state makes a still better showing. The increase in the number of spindles in the worsted mills in the United States during the last decade was 81.6 per cent; in Massachusetts the increase was from 204,510 in 1890 to 429,526 in 1900, or 110 per cent. The increase in the number of looms in the United States was 38.5 per cent, while in Massachusetts it was from 6,488 to 9,584, or 47.7 per cent. In 1900 the state had 31.3 per cent of all the spindles and 36.3 per cent of all the looms employed in the worsted mills of the United States; in 1890 the corresponding percentages were 27.1 and 34.1, respectively. The state was first in 1900 in number of combing machines and second in carding machinery. Of the average number of wage-earners employed in worsted mills of the United States, Massachusetts had 33.1 per cent in 1900, compared with 27.6 per cent in 1890.

For many years the worsted manufacture was restricted, in Europe as well as in the United States, to goods intended for women's wear. About 1860 French and English manufacturers began to apply the process to goods for men's wear. The first American whose attention was attracted to the manufacture was E. R. Mudge, of Boston, one of the United States commissioners to the Paris Exposition of 1857, and also a director and the selling agent of the Washington mills at Lawrence. The French worsteds exhibited at the exposition were made of short-stapled merino wools. Upon his return to the United States, Mr. Mudge found that the Ohio merino wools were well adapted to the new manufacture, and at once sent to France for combing machines to be placed in the Washington mills. Within a few months the worsted goods of this mill, the first of the kind to be made in the United States, were on the market and selling as French-made goods. In 1867 American wool manufacturers, as a class, realized that they had a new field for their efforts. Other New England mills followed the example of those of Massachusetts.[3] In 1869 light-weight suitings for men's wear, made in the United States, were first put on the market in quantity, but it was not until late in 1870 or early in 1871 that heavy-weights were manufactured here.[4] The tendency since 1870 has been steadily in favor of the increase of the worsted manufacture, and in no other state, during the past decade, has this increase been so great as in Massachusetts.

There were 131 establishments engaged in the manufacture of woolen goods in 1900, with 17,717 wage-earners, and products valued at $30,888,104. In 1890 there were

[1] Statistics of Manufactures, Massachusetts, 1898, page 221.

[3] The New England States, edited by William T. Davis, Vol. I, pages 241 and 242.

[4] Eleventh Census of the United States, Manufacturing Industries, Par III, page 57.

165 establishments, 19,452 wage-earners, and products valued at $35,771,161. The decrease in the value of products during the decade was $4,883,057, or 13.7 per cent.

Massachusetts was first in 1900 and also in 1890 in the manufacture of woolen goods. The rise of the manufacture of worsted goods has been accompanied by a decline in that of woolen goods in Massachusetts, as in the United States at large; but in all important particulars, the proportion of the industry carried on in that state in 1900 was greater than in 1890. The state in 1900 made 26.1 per cent in value of all the goods made in the woolen mills of the United States, compared with 26.8 per cent in 1890. In capital invested in woolen mills the state in 1900 had 26.7 per cent of that in the United States, compared with 26.7 per cent in 1890; and in number of wage-earners, 25.7 per cent in 1900, compared with 25 per cent in 1890. The quantity of worsted goods made in woolen mills has increased since 1890. Massachusetts woolen mills in 1900 manufactured 824,613 square yards of worsted coatings, or 22.8 per cent of the quantity made in these mills in the United States, compared with 20.3 per cent in 1890. Of worsted dress goods, 1,086,359 square yards were made in 1900, or 33.6 per cent of the quantity manufactured in the United States, while at the census of 1890 none of this variety of goods was returned as made in the woolen mills of Massachusetts.

The first attempt at woolen goods manufacture was at Rowley, in Essex county, in 1643. Various other mills followed, notably at Watertown, in 1662; at Dedham, in 1681; at Pittsfield, in 1767; at Stockbridge, in 1788; and at Newbury, in 1794. This last was the first incorporated woolen mill built in Massachusetts. The wool-card machinery devised by Amos Whittemore as early as 1797 transformed the woolen industry. The inventions of John Goulding and others also revolutionized methods in the carding department. The first cloth mill of considerable size in the United States was erected at Pittsfield, in 1812, by L. Pomeroy.[1] In February, 1812, in view of the approaching state of war, the legislature sent a resolution to the Senate of the United States, expressing its confidence in the ability of the citizens of Massachusetts to supply by contract all the blankets and clothing that might be needed in any contingency, and representing that these could be furnished "mostly if not altogether" from factories within the state.[2] Spinning jennies operated by hand are said to have been in operation at Pittsfield in 1806, and by waterpower at Uxbridge in 1814 or 1815. An early form of power loom for broadcloth, built at Williamsburg, Mass., went into operation at Pittsfield about 1826.[3] "Not a yard of fancy wool fabrics," says Samuel Lawrence, "had ever been woven by the power loom in any country, till done by William Crompton, at the Middlesex Mills, Lowell, in 1840."[4]

There were 37 establishments engaged in the dyeing and finishing of textiles in 1900, with 4,678 wage-earners, and the work done was valued at $8,868,290. In 1890 there were 33 establishments and 4,270 wage-earners, and the work done was valued at $6,496,215. During the decade the increase in value of work done was $2,372,075, or 36.5 per cent.

There were 8 establishments engaged in the manufacture of carpets and rugs, other than rag, in 1900, with 4,480 wage-earners, and products valued at $6,966,237. In 1890 there were 7 establishments, 5,109 wage-earners, and products valued at $7,275,009. The decrease in the value of products during the decade was $308,772, or 4.2 per cent.

Erastus B. Bigelow, of Massachusetts, early devised a power loom for weaving knotted counterpanes, and another for making coach lace. Later he made a written contract to furnish a company at Lowell with power looms for ingrain carpeting, before he had even made a model or a drawing of the machine. Afterwards Mr. Bigelow introduced the Brussels carpet loom. Carpet weaving in a small way was begun at Worcester in 1804; and the Lowell Manufacturing Company was incorporated in 1828, running about seventy carpet looms in addition to its cotton looms. Later, this company, under the Bigelow patents, was the first to manufacture carpeting successfully by power looms. In 1848 Mr. Bigelow and others organized the Bigelow Carpet Company at Clinton, making 5-frame Brussels, Wilton, and tapestry carpets.[5]

There were 54 establishments engaged in the manufacture of hosiery and knit goods in 1900, with 6,667 wage-earners, and products valued at $6,620,257. In 1890 there were 74 establishments, 4,562 wage-earners, and products valued at $5,082,087. The increase in the value of products during the decade was $1,538,170, or 30.3 per cent. The only stocking factory in the United States in 1831 was that of the Newburyport Hose Manufacturing Company, although early patents to Massachusetts citizens for stocking looms and knitting machines are recorded. In 1837 William and Nathan Appleton, Benjamin R. Nichols, and associates began the manufacture of knit hose and shirts at Lowell.[6]

There were 20 establishments engaged in the manufacture of silk and silk goods in 1900, with 3,110 wage-earners, and products valued at $5,957,532. In 1890 there were 20 establishments, 2,993 wage-earners, and products valued at $5,557,569. The increase in the value of products during the decade was $399,963, or 7.2 per cent. Jonathan H. Cobb, of Dedham, was a pioneer in the silk industry of the United States. In 1790 sewing silk was made in Worcester county and elsewhere in the state, and the manufacture of lace of various grades, especially coach lace, was thriving at Ipswich, in Essex county, and at other places.[7]

There were 7 establishments engaged in the manufacture

[1] Statistics of Manufactures, Massachusetts, 1898, pages 224 and 225.

[2] Legislative Resolves, State of Massachusetts, 1810–1812, page 333.

[3] Bulletin of National Association of Wool Manufacturers, 1901, pages 256 and 278.

[4] Bulletin of National Association of Wool Manufacturers, 1901, pages 278 and 279.

[5] Statistics of Manufactures, Massachusetts, 1898, page 227.

[6] Ibid., page 225.

[7] Ibid., page 227.

of felt goods in 1900, with 464 wage-earners, and products valued at $1,526,830. In 1890 there were 7 establishments, 326 wage-earners, and products valued at $918,890. The increase in the value of products during the decade was $607,940, or 66.2 per cent.

There were 4 establishments engaged in the manufacture of wool hats in 1900, with 541 wage-earners, and products valued at $1,103,003. In 1890 there were 7 establishments, 1,017 wage-earners, and products valued at $1,700,486. The decrease in the value of products during the decade was $597,483, or 35.1 per cent.

There were 29 establishments engaged in the manufacture of shoddy in 1900, with 307 wage-earners, and products valued at $988,189. In 1890 there were 29 establishments, 406 wage-earners, and products valued at $1,614,459. The decrease in the value of products during the decade was $626,270, or 38.8 per cent.

The factory manufacture of boots and shoes ranks second among the industries of the state, with 640 establishments, 58,645 wage-earners, and products valued at $117,115,243. In 1890 there were 1,057 establishments, 67,374 wage-earners, and products valued at $116,387,900. The increase in the value of products during the decade was $727,343, or six-tenths of 1 per cent. Allied to the factory manufacture of boots and shoes is the manufacture of boot and shoe cut stock, with 270 establishments, 4,390 wage-earners, and products valued at $18,238,922. In 1890 there were 288 establishments, 4,208 wage-earners, and products valued at $15,923,650. The increase in the value of products during the decade was $2,315,272, or 14.5 per cent.

Massachusetts ranked first in the United States in 1900 in the factory manufacture of boots and shoes—a rank it has held for many years. In this manufacture, as in that of cotton goods, the state has been unapproached. In 1900 it manufactured 44.9 per cent of the total value of the factory boot and shoe products of the United States, while the state second in rank—New York—turned out 9.8 per cent of these products. The first 3 cities in the United States, ranked by the value of their boot and shoe products, are Brockton, Lynn, and Haverhill, all in Massachusetts, while other Massachusetts cities are well up in the list. Brockton's value of products in 1900 exceeded that of the city fourth in rank—Cincinnati, Ohio—by $11,055,973, or 125.8 per cent. There were employed in the state in 1900, 41 per cent of the average number of wage-earners in the factory manufacture of boots and shoes in the United States, and their wages amounted to 46.9 per cent of the total wages. Of these wage-earners 66.5 per cent were men; 31.8 per cent women; and only 1.7 per cent children, while the percentages for the whole industry in the United States were 63.8, 33, and 3.2, respectively.

The consumption of shoes has increased largely throughout the United States since the industry was established in Massachusetts. Rival factories have sprung up all over the Union, but Massachusetts continues to be the great center of the industry. From the earliest years Lynn has been a center of the boot and shoe manufacture. The first shoemakers there were Philip Kertland and Edmund Bridges, who came to the colony in 1635,[1] and the business increased thereafter with the growth of the town in population, and was given great impetus after 1750, when John Adam Dagyr, a Welshman, succeeded in producing shoes at Lynn equal to the best made in England.[2] Leather heels were introduced in place of wood about 1800, the use of morocco leather having been begun by Ebenezer Breed seventeen years earlier.[3] Many of the towns in eastern Middlesex, Essex, and Norfolk counties became more or less interested in shoemaking. It was not uncommon for farmers and others actively engaged in other employment, during the summer to devote the winter to shoemaking, and before the introduction of machinery under the modern factory system, hundreds of women were employed in binding shoes at their homes.

The entire shoe was formerly made by one artisan. A small group of men, working together in a little one-story shop connected with or adjacent to the dwelling, was a characteristic sight in many eastern Massachusetts towns in the first half of the century. Piecework was the custom, and it still prevails. In early times workmen were paid 15, 20, 25, or 30 cents per pair, according to the kind of shoe, and even higher prices for extra quality work. The average workman by twelve hours' labor could earn about a dollar. Women closers and binders working by hand could average about twenty cents a day. Men living in towns adjacent to Lynn would walk to their employers' place of business for stock, and in about a week return the finished shoes, frequently receiving their wages in store orders. The wages earned continually fluctuated, being always subject to individual bargains with employers.[4]

In 1818 Joseph Walker, of Massachusetts, invented shoe pegs to be used as a substitute for hand sewing in the boot and shoe industry. In 1851 A. C. Gallahue produced a shoe-pegging machine—afterwards improved by E. Townsend and B. F. Sturtevant, of Boston[5]—and still later nailing and cable-screw machines. Finally the McKay sole-sewing machine, attributed to McKay, but representing, in its perfected form, the combined ideas of several other Massachusetts inventors, was a transforming factor in the boot and shoe industry. This was adopted in 1861. The introduction of machinery was practically complete by 1865. The industry is now conducted in large, well lighted, thoroughly ventilated factories, equipped with a number of ingenious inventions, each shoe being the result of the successive operations of numerous workmen. The cities especially devoted to the industry are Lynn, Brockton, and Haverhill, although there are important establishments elsewhere.

There were 825 establishments engaged in 1900 in the manufacture of foundry and machine shop products, the industry third in rank, with 32,234 wage-earners, and prod-

[1] History of Lynn, by A. Lewis and J. R. Newhall, page 88.
[2] Ibid., page 90.
[3] Ibid., page 91.
[4] Report of the Massachusetts Bureau of Statistics of Labor 1885, page 183.
[5] Progress of the World, by M. R. Gately, page 333.

ucts valued at $56,290,159. In 1890 there were 711 establishments, 23,379 wage-earners, and products valued at $38,906,680. The increase in the value of products during the decade was $17,383,479, or 44.7 per cent.

Certain towns in Bristol and Plymouth counties early became extensively engaged in the manufacture of iron castings, hollow ware, and cooking and heating apparatus. In 1646 the Colony Court granted a monopoly for fourteen years "for the making of engines for mills, to go by water, * * * and for the making of scythes and other edged tools" to Joseph Jenks, an ingenious worker in metals, who is said to have come to Massachusetts with Winthrop.[1] Of Jenks, Lewis, the historian of Lynn, remarks: "Joseph Jenks deserves to be held in perpetual remembrance in American history as being the first founder who worked in brass and iron on the Western Continent."[2] Wiredrawing and the manufacture of wool cards were industries to which the Massachusetts colonists gave early attention. Hugh Orr is said to have made, in 1748, the first musket ever made in America,[3] and his son established the manufacturing of plate shovels, afterwards a distinctive Massachusetts industry. Nail making in Plymouth county was an important branch of the metal industry before the close of the Eighteenth century. Jacob Perkins, of Newburyport, invented a nail-making machine which he patented in 1795. In Worcester county the development of the manufacture of hardware, tools, machinery, etc., began at an early date, and culminated in the extensive metal industries of the modern city of Worcester. The extension of the textile, boot and shoe, and other important industries, under the era of machinery, has stimulated the expansion of skilled metal working, including the production of artisans' tools, and of machinery of all kinds.

There were 22 establishments engaged in the slaughtering industry in 1900, with 2,748 wage-earners, and products valued at $31,633,483. In 1890 there were 24 establishments, 1,779 wage-earners, and products valued at $20,221,645. The increase in the value of products during the decade was $11,411,838, or 56.4 per cent.

There were 981 establishments engaged in printing and publishing in 1900, with 10,859 wage-earners, and products valued at $28,964,680. In 1890 there were 813 establishments, 8,482 wage-earners, and products valued at $18,918,942. The increase in the value of products during the decade was $10,045,738, or 53.1 per cent.

The first printing done in the American colonies was at Cambridge by one Daye, who in January, 1639, printed the Freeman's Oath. The press used was brought from England in 1638 by Rev. Mr. Glover. Daye issued in 1640 the Bay Psalm Book, the first book published in the colonies. In 1649 he was succeeded by Samuel Green, and a new press was sent from England in 1655 for the printing of Eliot's Indian Bible. It was in Cambridge and Boston that all the printing in the colonies was done for nearly forty years. In 1672 the first copyright was granted to John Ussher, of Boston, for a revised edition of the laws of the colony. Previous to 1664 the General Court had restricted the privilege of printing to Cambridge; but in 1674, this restriction having been removed, John Foster established the first press set up in Boston. In 1681 he was succeeded by a Mr. Sewall, and on September 25, 1690, Richard Pierce published the first newspaper in America, which was, however, suppressed by the General Court. In April, 1704, appeared the Boston News-Letter, published by John Campbell, and this was the first successful newspaper in America. It was followed, December 21, 1719, by the Boston Gazette.[4] Much fine work is done in printing and publishing throughout Massachusetts, and many notable books and magazines are the products of the various presses of the state. The increase in the value of products during the decade is a notable one.

There were 119 establishments engaged in the tanning, currying, and finishing of leather in 1900, with 7,010 wage-earners, and products valued at $26,067,714. In 1890 there were 194 establishments, 7,725 wage-earners, and products valued at $27,771,815. The decrease in the value of products during the decade was $1,704,101, or 6.1 per cent—due to the transfer of the production of certain kinds of leather to the West, where tan bark is abundant.

There were 93 establishments engaged in the manufacture of paper and wood pulp in 1900, with 9,061 wage-earners, and products valued at $22,141,461. In 1890 there were 85 establishments, 7,817 wage-earners, and products valued at $21,524,173. The increase in the value of products during the decade was $617,288, or 2.9 per cent.

Massachusetts has long been first in the manufacture of fine writing papers. In 1900 the value of such product was $11,298,628, or 71.1 per cent of that produced in all the mills of the United States. In book paper it was also first, with a value of $5,501,788, or 22.1 per cent of the total for the United States. Much of the history of paper making in the United States is the history of the industry in Massachusetts. Although the state can not claim that the first paper mill in the United States was established within its borders, the manufacture of paper began there very early. On September 13, 1728, the General Court passed a grant for the encouragement of a paper mill established on the Neponset River at Milton, 7 miles from Boston. Benjamin Faneuil, the father of Peter, of Faneuil Hall fame, was interested in it. The grant gave the company the sole right to manufacture paper in the province for ten years, but the production of certain quantities and kinds of paper was required. Paper was then made by hand, and the people were, by advertisement, requested to save their rags. This establishment had to be closed a number of years because of a lack of good workmen, but in 1760 the mill was again started, the new proprietor hav-

[1] Massachusetts Bay Records, Vol. II, page 149; Vol. III, page 65.

[2] History of Lynn, page 208.

[3] History of American Manufactures, by J. L. Bishop, Vol. I, page 487

[4] Eighth Census of the United States, Manufactures, Introduction, pages cxxxiv and cxxxv.

ing secured the services of a British soldier named Hazleton, who was a practical paper maker. Before 1776 there were 4 mills at Milton, out of 7 accounted for in all New England.

The Fourdrinier machine, an English improvement of a French inventor's idea, did not come into existence until 1804, and was not used in the United States until about 1825, when a machine imported from England was placed in a mill at Springfield. Four years later there were 6 of these machines in the state, and in 1850 automatic machinery was used in all but 2 paper mills of the United States. In 1840 Massachusetts had the largest production of any state, the value being $1,659,930. In 1845 it was $1,750,273 and in 1855, $4,141,847.[1] In the latter year there were 20 mills in the single town of Lee.

In 1802 the first paper mill in Berkshire county, the "Old Berkshire," went into operation at Dalton, which is now one of the great fine-paper making centers of the United States. It was built by Wiswell, Crane, and Willard, and among the present-day owners of the new mill, built in 1872 on the site of the old one, are the grandsons of Zenas Crane. Zenas Crane sold his interest in the "Old Berkshire Mill," and in 1810 bought in the "Old Red Mill." This was burned in 1879, but rebuilt of stone and named the "Pioneer Mill." It is still in the possession and active management of the Crane family. The "Government Mill," at Pittsfield, near the Dalton line, is devoted wholly to the manufacture of paper needed by the United States Government for national bank bills, United States bonds, certificates, and treasury notes. Still another mill in this section makes ladies' fine stationery. Others produce writing paper of the first quality, and one of them makes parchment and bond paper for general use. The introduction of silk threads into the fiber of bank-bill paper, to prevent counterfeiting, was the ingenious invention of Zenas Marshall Crane in 1849.[2]

The first mill in South Lee, where at one time more paper was made than in any other town in the United States, was established in 1806 by Samuel Church. About the same time a mill was erected on the north side of the Chicopee River. This, about 1825, became the property of David Ames, who introduced improved machinery, and became the largest manufacturer of paper in the United States.[3] The first paper made in the United States of wood pulp is said to have been manufactured by Elzur Smith, of Lee, subsequent to 1854.[4]

Four-fifths of all the loft-dried paper manufactured in the United States from 1860 to 1897 was made within 15 miles of Springfield, in which city a mill was operated by David Ames in 1800, on the foundation of one owned by Samuel Babcock in 1786. To David Ames' son, John, the trade is indebted for a cylinder machine, for which he secured a patent May 14, 1822. Although superseded in the United States by the use of the Fourdrinier machine, it marked a great advance in paper making. John Ames also invented other paper machinery, and originated the idea of running a continuous sheet through the size, instead of dipping each sheet. These inventions were put into practical operation in the mill at Chicopee Falls. It is claimed that in 1828 the Ames mills produced one-half of the paper consumed in the United States.[5] The first white paper made, to any extent, from straw in the United States was produced in the Ames factory at Springfield, about 1849.[6]

The modern paper mills, with their heavy machinery, were found to require more power than the smaller streams possessed, and this led to their establishment on the Connecticut River at and near Holyoke, where there is a fall of about seventy feet in a distance of less than two miles. The first canal in the United States was built here in 1790 on the South Hadley side, where, in 1830, a paper mill was established. The second mill was founded at Holyoke in 1853. This was the beginning of the large mills. Establishment followed establishment, until now, grouped around one of the best waterpowers in the United States, are over a score of factories, making hundreds of tons of high-grade paper daily.[7] The use of wood pulp in paper making has extensively superseded other materials, except in special grades. The process of mechanical grinding, upon which the pulp industry was founded, was introduced in the United States at Stockbridge, Mass., in 1867.

There were 7 establishments engaged in the refining of sugar and molasses in 1900, with 592 wage-earners, and products valued at $19,626,882. In 1890 there were 4 establishments, 204 wage-earners, and products valued at $16,875,538. The increase in the value of products during the decade was $2,751,344, or 16.3 per cent.

There were 313 establishments engaged in the factory manufacture of clothing in 1900, with 6,776 wage-earners, and products valued at $15,032,604. In 1890 there were 265 establishments, 8,608 wage-earners, and products valued at $23,106,164. The decrease in the value of products during the decade was $8,073,560, or 34.9 per cent.

There were 70 establishments engaged in the manufacture of rubber and elastic goods in 1900, with 5,944 wage-earners, and products valued at $13,885,059. In 1890 there were 50 establishments, 3,472 wage-earners, and products valued at $8,518,612. The increase in the value of products during the decade was $5,366,447, or 63 per cent. Allied to this industry is the manufacture of rubber boots and shoes, with 6 establishments, 5,250 wage-earners, and products valued at $16,490,015. In 1890 there were 5 establishments, 4,932 wage-earners, and products valued at $9,792,024. The increase in the value of products during the decade was $6,697,991, or 68.4 per cent.

Massachusetts ranked first in 1900 in the manufacture of

[1] Eighth Census of the United States, Manufactures, Introduction, pages cxxvi and cxxvii.
[2] The New England States, Vol. I, page 318 ff.
[3] Eighth Census of the United States, Manufactures, Introduction, page cxxv.
[4] The New England States, Vol. I, page 314.
[5] The New England States, Vol. I, page 308 ff.
[6] Eighth Census of the United States, Manufactures, Introduction, page cxxviii.
[7] The New England States, Vol. I, pages 312 and 313.

rubber boots and shoes. In 1890 it was also first; and the manufacture of rubber boots and shoes in the other states was then included under "all other states" to avoid disclosing the operations of individual establishments, the establishments in each numbering less than 3. The state's supremacy in the manufacture of rubber and elastic goods is also unquestioned. In 1900, as in 1890, it ranked first. In both industries in 1900 the percentage of increase was marked, showing not only an increased consumption of rubber boots and shoes, but a remarkable increase in the variety of uses to which rubber and elastic goods are put, thus verifying Mr. Goodyear's most sanguine predictions.

The manufacture of india-rubber goods was first undertaken in the United States at Roxbury, Mass., in 1833, by John Haskins, Edwin M. Chaffee, and Luke Baldwin. They had learned the art of dissolving rubber gum and soon afterward sold their interests to the Roxbury India Rubber Company. Among the products of this company was india-rubber cloth for carriage tops and these attracted the attention of Nathaniel Hayward, the proprietor of a Boston livery stable. The rubber not being thoroughly vulcanized became sticky in hot and extremely rigid in cold weather, and investors in the manufacture suffered financial losses. Mr. Hayward at once abandoned his livery business and began experimenting with processes for making this rubber wholly merchantable. In 1836, at Woburn, he found that when the rubber goods he was making were exposed to the fumes of sulphur, they not only became bleached, which was his desire, but were so hardened that they could not be made soft with moderate warmth. This was the real foundation of the Goodyear patent for vulcanization. Had Mr. Hayward subjected his rubber, mixed with sulphur, to intense heat, he would have found the whole secret, but as it was he only rubbed powdered sulphur on the exterior of the goods, so that the vulcanization was not complete. In 1837 the industry was prostrate again. In 1838 Charles Goodyear met Mr. Hayward, and both inventors experimented further, without success until Goodyear, accidentally dropping a bit of the rubber on a hot stove, found that it charred and became absolutely vulcanized. A patent was granted to him in 1844, and this was the foundation of the rubber goods industry. But Mr. Hayward claimed priority of invention in the rubber shoe industry as it is now known. The names of other Massachusetts inventors are closely associated with the rubber goods industry, among them that of Edwin M. Chaffee, of Roxbury, who, in 1835, invented the "Monster" calender, which was later bought by Goodyear for old iron. For many years after that, however, it saw useful service. This was the first rubber machinery of importance made in the United States, an improvement on the English calender, and the forerunner of the calenders used in every rubber factory to-day.[1]

There were 8 establishments engaged in the manufacture of iron and steel in 1900, with 6,125 wage-earners, and products valued at $13,491,159. In 1890 there were 15 establishments, 5,210 wage-earners, and products valued at $11,201,149. The increase in the value of products during the decade was $2,290,010, or 20.4 per cent.

In colonial days the manufacture of iron received much attention, being stimulated by the existence of native ore beds. The General Court from time to time, in the early years, extended its encouragement by way of special grants and exclusive privileges, toward the establishment of effective operations of iron works in eastern Massachusetts, notably in the vicinity of Lynn, and later the first forge in America was set up at Raynham by James and Henry Leonard, who "were the first adventurers from England to this country who were skilled in the forge-iron manufacture."[2] The first rolling and slitting mill in New England was erected at Middleboro. There were extensive iron deposits in the western part of the state, and operations upon these were begun at an early date. Iron works in Berkshire county, in the vicinity of Pittsfield, were long engaged in the production of a superior brand of forge iron. But the manufacture of iron from such natural deposits of ore as were found in the state eventually proved impracticable.

There were 696 establishments engaged in the manufacture of lumber in 1900, with 5,202 wage-earners, and products valued at $12,818,511. In 1890 there were 652 establishments, 6,519 wage-earners, and products valued at $13,323,708. The decrease in the value of products during the decade was $505,197, or 3.8 per cent—due to the decline in the branch of the industry which comprises planing mill products, including sash, doors, and blinds.

There were 40 establishments engaged in the manufacture of malt liquors in 1900, with 1,651 wage-earners, and products valued at $11,255,613. In 1890 there were 26 establishments, 818 wage-earners, and products valued at $5,355,438. The increase in the value of products during the decade was $5,900,175, or 110.2 per cent.

There were 120 establishments engaged in the factory manufacture of furniture in 1900, with 6,092 wage-earners, and products valued at $11,244,503. In 1890 there were 136 establishments, 3,410 wage-earners, and products valued at $6,166,522. The increase in the value of products during the decade was $5,077,981, or 82.3 per cent.

There were 54 establishments engaged in the manufacture of electrical apparatus and supplies in 1900, with 5,202 wage-earners, and products valued at $10,490,361. In 1890 there were 26 establishments, 2,581 wage-earners, and products valued at $5,762,599. The increase in the value of products during the decade was $4,727,762, or 82 per cent.

There were 138 establishments engaged in the manufacture of jewelry in 1900, with 5,696 wage-earners, and products valued at $10,315,334. In 1890 there were 106 establishments, 3,503 wage-earners, and products valued at $5,507,415. The increase in the value of products during the decade was $4,807,919, or 87.3 per cent.

Massachusetts ranked third in 1900 among the United

[1] The New England States, Vol. I, page 339 ff.

[2] Description of Raynham, 1793, by Rev. Dr. Fobes.

States in the manufacture of jewelry, being preceded by Rhode Island and New York; it missed second place in value of products by only a few thousand dollars. Attleboro and North Attleboro have long been centers of this manufacture. Most of the imitation jewelry of the United States is now produced in these places, and in Providence, R. I. The industry at Attleboro began about 1805. The products of the early establishments were chiefly silver spoons, gold beads, and finger rings; afterwards some of them branched out into the manufacture of cheap gold jewelry, silver and other alloys being largely used, with a fraction of gold, while large articles were plated by the hammering process. The industry is based upon a discovery by Nehemiah Dodge, of Providence, R. I., who was the first manufacturer of rolled-plate jewelry, and began business in 1794. His plan was to place a sheet of gold on a copper base, hammer it down on an anvil, and draw it out still thinner with hand rolls. This knowledge soon became public property, and the manufacture spread rapidly to Attleboro, in Massachusetts, only a few miles across the state line. During the years since Mr. Dodge's discovery, numerous new ideas have been grafted on the original stock. Thomas H. Lowe came from Birmingham, England, in 1846, and introduced the manufacture of rolled-plate jewelry by sweating the thin plate of gold on the substratum of base metal, before it was rolled out. This was simpler, better, and more economical, and still further cheapened the price to consumers. The invention by Levi Burdon of the use of seamless wire also changed styles and elevated qualities. By this process, wire, drawn to any degree of fineness desired, is covered with gold. There is no seam to open up and disclose the true character of the material. Metal ornaments and jewelers' findings have also grown into a large industry, and it is said that a single manufacturer can show a thousand different samples.[1]

There were 19 establishments engaged in the manufacture of cordage and twine in 1900, with 3,303 wage-earners, and products valued at $9,635,571. In 1890 there were 32 establishments, 3,351 wage-earners, and products valued at $10,510,530. The decrease in the value of products during the decade was $874,959, or 8.3 per cent.

There were 249 establishments engaged in the manufacture of confectionery in 1900, with 2,942 wage-earners, and products valued at $7,014,532. In 1890 there were 218 establishments, 1,994 wage-earners, and products valued at $5,291,844. The increase in the value of products during the decade was $1,722,688, or 32.6 per cent.

There were 388 establishments engaged in the manufacture of carriages and wagons in 1900, with 3,164 wage-earners, and products valued at $6,118,121. In 1890 there were 430 establishments, 4,131 wage-earners, and products valued at $7,607,869. The decrease in the value of products during the decade was $1,489,748, or 19.6 per cent.

In addition to the industries shown in Table 3, there are other industries of importance in the state, some of which can not be shown separately because the establishments number less than 3 and the publication of the figures would disclose the operations of individual establishments. One of these is the manufacture of watches by machinery, which was first suggested in 1850, by A. L. Dennison and Edward Howard, of Boston, whose factory erected in that year was the precursor of the extensive establishment at Waltham, one of the leading enterprises of the state.[2] The effect upon watch making of this successful application of the principles of machine construction, in improving the products, lessening their cost, and extending their use, is well known.

The manufacture of palm-leaf straw hats in the United States was begun in Massachusetts in 1826, and the straw-goods industry in certain towns of Franklin and Worcester counties originated in this way.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Boston, Brockton, Cambridge, Chelsea, Fall River, Fitchburg, Gloucester, Haverhill, Holyoke, Lawrence, Lowell, Lynn, Malden, New Bedford, Newton, Salem, Somerville, Springfield, Taunton, and Worcester, as returned at the censuses of 1890 and 1900, with the percentages of increase.

[1] The New England States, Vol. IV, page 2511 ff.

[2] Progress of the World, page 333.

Table 4.—COMPARATIVE SUMMARY, BOSTON, BROCKTON, CAMBRIDGE, CHELSEA, FALL RIVER, FITCHBURG, GLOUCESTER, HAVERHILL, HOLYOKE, LAWRENCE, LOWELL, LYNN, MALDEN, NEW BEDFORD, NEWTON, SALEM, SOMERVILLE, SPRINGFIELD, TAUNTON, AND WORCESTER, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
The State	1900	29,180	$823,264,287	497,448	$228,240,442	$73,209,015	$552,717,955	$1,035,198,989
	1890	26,923	630,032,341	447,270	205,844,337	63,083,782	473,199,434	888,160,403
Per cent of increase		8.4	30.7	11.2	10.9	16.1	16.8	16.6
Boston	1900	7,247	143,311,376	72,142	39,184,191	23,652,792	99,557,019	206,081,767
	1890	7,942	118,198,539	78,476	43,908,437	21,543,956	105,602,569	210,936,616
Per cent of increase		[1] 8.8	21.2	[1] 8.1	[1] 10.8	9.8	[1] 5.7	[1] 2.3
Brockton	1900	428	10,193,688	10,986	6,166,462	1,189,168	15,980,653	26,384,881
	1890	537	7,772,452	10,317	5,746,324	1,136,445	11,211,411	21,070,099
Per cent of increase		[1] 20.3	31.2	6.5	7.3	4.6	42.5	25.2
Cambridge	1900	782	26,662,751	12,986	6,785,070	2,229,106	23,986,638	39,164,013
	1890	1,232	20,381,585	12,581	6,497,963	2,370,252	20,268,534	35,975,089
Per cent of increase		[1] 36.5	31.1	3.2	4.4	[1] 6.0	18.3	8.9
Chelsea	1900	308	8,211,682	3,332	1,625,875	678,248	5,764,409	10,333,549
	1890	347	7,028,356	2,977	1,384,945	547,110	4,681,291	8,158,207
Per cent of increase		[1] 11.2	16.8	11.9	17.4	19.4	24.0	26.7
Fall River	1900	785	58,549,934	32,780	11,739,129	3,249,083	19,789,859	43,071,530
	1890	397	37,199,470	22,987	8,213,045	2,063,945	17,685,671	32,519,281
Per cent of increase		97.7	57.4	42.6	42.9	57.4	11.9	32.4
Fitchburg	1900	308	13,033,898	6,796	3,113,078	749,165	8,062,713	14,253,522
	1890	323	7,563,522	5,079	2,396,811	746,602	6,414,105	11,225,036
Per cent of increase		[1] 4.6	72.3	33.8	29.9	0.3	25.7	27.0
Gloucester	1900	392	4,687,559	3,379	1,428,896	349,839	4,862,660	7,843,783
	1890	206	2,763,284	1,563	751,581	156,668	3,220,601	4,851,405
Per cent of increase		90.3	69.6	116.2	90.1	123.3	51.0	61.7
Haverhill	1900	685	6,801,565	10,600	5,035,882	1,336,232	15,628,972	24,937,073
	1890	734	8,084,272	14,138	6,097,574	1,777,142	13,635,969	25,394,530
Per cent of increase		[1] 6.7	[1] 15.9	[1] 25.0	[1] 17.4	[1] 24.8	14.6	[1] 1.8
Holyoke	1900	433	26,760,031	13,454	5,730,998	1,976,024	13,673,969	26,283,964
	1890	493	24,411,939	12,305	5,324,935	1,683,226	13,574,788	26,060,315
Per cent of increase		[1] 12.2	9.6	9.3	7.6	17.4	0.7	0.9
Lawrence	1900	546	49,914,035	22,358	8,972,310	2,210,145	26,175,644	44,703,278
	1890	583	29,626,806	15,568	6,092,054	1,958,366	15,145,851	26,550,725
Per cent of increase		[1] 6.3	68.5	43.6	47.3	12.9	72.8	68.4
Lowell	1900	981	46,578,193	31,377	11,821,633	4,639,877	21,727,844	44,774,525
	1890	853	41,911,708	27,778	10,044,408	4,150,844	22,996,138	42,450,509
Per cent of increase		15.0	11.1	13.0	17.7	11.8	[1] 5.5	5.5
Lynn	1900	776	17,011,761	17,492	8,576,042	2,270,595	25,456,798	41,633,845
	1890	1,369	17,919,025	20,318	11,033,166	2,045,531	23,039,987	44,223,845
Per cent of increase		[1] 43.3	[1] 5.1	[1] 13.9	[1] 22.3	11.0	10.5	[1] 5.9
Malden	1900	242	5,906,279	3,082	1,520,658	790,518	4,607,400	7,959,292
	1890	295	7,600,124	4,418	2,115,420	498,174	5,901,817	9,592,501
Per cent of increase		[1] 18.0	[1] 22.3	[1] 30.2	[1] 28.1	58.7	[1] 21.9	[1] 17.0
New Bedford	1900	618	29,073,410	16,409	6,730,793	1,703,408	12,727,776	25,681,671
	1890	413	20,132,683	10,812	4,378,105	980,306	8,581,373	17,025,779
Per cent of increase		49.6	44.4	51.8	53.7	73.8	48.3	50.8
Newton	1900	297	5,105,196	3,094	1,581,887	388,922	3,065,921	6,322,232
	1890	193	4,393,807	2,390	1,168,910	243,663	2,175,249	4,335,764
Per cent of increase		53.9	16.2	29.5	35.3	59.6	40.9	45.8
Salem	1900	446	7,450,935	6,424	2,842,678	464,618	7,159,987	12,257,449
	1890	513	6,250,164	5,127	1,973,966	424,772	4,738,643	8,522,751
Per cent of increase		[1] 13.1	19.2	25.3	44.0	9.4	51.1	43.8
Somerville	1900	378	10,131,596	4,342	2,199,491	706,415	17,346,772	21,776,511
	1890	404	3,883,859	2,789	1,357,037	439,673	4,420,128	7,307,522
Per cent of increase		[1] 6.4	160.9	55.7	62.1	60.7	292.4	198.0
Springfield	1900	817	17,105,947	10,123	5,176,299	2,067,702	9,194,841	21,207,039
	1890	692	13,199,283	9,159	4,843,636	875,334	7,817,534	17,040,692
Per cent of increase		18.1	29.6	10.5	6.9	136.2	17.6	24.4
Taunton	1900	284	11,737,399	7,102	3,331,680	908,180	5,993,237	12,594,814
	1890	316	7,891,382	6,148	2,837,194	707,629	4,799,287	9,936,829
Per cent of increase		[1] 10.1	48.7	15.5	17.4	28.3	24.9	26.7
Worcester	1900	1,071	42,966,743	25,593	12,894,784	4,258,926	26,666,176	53,348,783
	1890	996	25,230,620	20,244	10,120,414	1,827,815	21,208,904	39,533,869
Per cent of increase		7.5	70.3	26.4	27.4	133.0	25.7	34.9
Total for 20 cities	1900	17,824	541,193,978	313,851	146,457,836	55,818,963	367,429,288	690,613,521
	1890	18,838	411,392,880	285,174	136,285,925	46,177,453	317,119,850	602,711,364
Per cent of increase		[1] 5.4	31.6	10.1	7.5	20.9	15.9	14.6
Per cent of 20 cities to total for state	1900	61.1	65.7	63.1	64.2	76.2	66.5	66.7
	1890	70.0	65.3	63.8	66.2	73.2	67.0	67.9

[1] Decrease.

It appears from Table 4 that there has been a considerable increase during the past decade in the combined manufactures of these 20 cities. The average number of wage-earners increased from 285,174 to 313,851, or 10.1 per cent, and the value of products from $602,711,364 to $690,613,521, or 14.6 per cent; but the number of establishments decreased from 18,838 to 17,824, or 5.4 per cent. The percentages of increase in the average number of wage-earners and in the value of products were smaller in these 20 cities than in the state as a whole. The city of Somerville shows the most rapid growth, the value of products having increased from $7,307,522 to $21,776,511, or 198 per cent. In Boston, the leading city, the number of establishments decreased from 7,942 to 7,247, or 8.8 per cent; the average number of wage-earners from 78,476 to 72,142, or 8.1 per cent; and the value of products from $210,936,616 to $206,081,767, or 2.3 per cent. The number of establishments, number of wage-earners, and value of products, in this city in 1900, constituted 24.8, 14.5, and 19.9 per cent, respectively, of the totals for the state. The decrease in the value of products was due chiefly to the lessened production of men's clothing, factory product, cordage and twine, and furniture, factory product, industries which, under recent conditions, have been concentrated in other localities. In general, excepting these industries, the manufactures of the city increased.

Certain cities in this principal group are largely devoted to particular industries. Fall River, which shows an increase of 32.4 per cent in the value of products; Lawrence, with an increase of 68.4 per cent; Lowell, with an increase of 5.5 per cent; and New Bedford, with an increase of 50.8 per cent, are all textile cities, the differences in their percentages of gain being due in part to the different kinds of goods manufactured. Brockton, with an increase of 25.2 per cent in the value of products, is mainly devoted to the manufacture of boots and shoes. Lynn and Haverhill also are largely engaged in this industry, and each shows a small percentage of decrease in the value of products, which is probably due in part to a decline in the prices of the kinds of shoes made in these 2 cities. Seasonal disturbances, which have a great temporary influence upon this industry, no doubt account in part for the decrease shown. The city of Holyoke, having extensive manufactures of paper and of textiles, shows only a slight increase in the value of products—less than 1 per cent. Worcester, the second city in the state in population, with diversified industries, among which the manufacture of foundry and machine shop products is conspicuous, shows an increase of 34.9 per cent. Cambridge, a city largely residential, but which contains noted establishments devoted to printing and publishing, reported products valued at $39,164,013, an increase of 8.9 per cent. Chelsea, with an increase of 26.7 per cent in the value of products; Malden, which shows a decrease of 17 per cent; Newton, with an increase of 45.8 per cent; and Somerville, with an increase of 198 per cent, are all cities near Boston, chiefly residential, and sharing, as to growth in population, in the expansion of the metropolis. Nevertheless, as may be seen, the manufacturing interests of these cities are considerable. Salem, one of the oldest cities in the state, and formerly of much commercial importance, reported products valued at $12,257,449, an increase of 43.8 per cent. Gloucester, the principal seat of the considerable fishing industry of the state, shows an increase of 61.7 per cent in the value of its manufactured products. Fitchburg, Springfield, and Taunton, which are devoted to metal working, the manufacture of foundry and machine shop products, textiles, and various other industries, show increases of 27, 24.4, and 26.7 per cent, respectively.

Table 5 presents the totals for the manufacturing industries of the 118 cities and towns withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and towns, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Products. Value.	Products. Rank.	Products. Per cent of total.	Population. Total.	Population. Rank.	Population. Per cent of total.
Total for state	29,180	$823,264,287	31,925	497,448	$228,240,442	$73,209,015	$552,717,955	$1,035,198,989	-------	100.0	2,805,346	-------	100.0
Total for urban manufactures	26,502	769,628,121	29,032	465,863	214,787,880	70,226,441	516,561,293	970,598,622	-------	93.8	2,417,970	-------	86.2
Abington	67	758,395	77	1,568	713,181	56,423	1,712,764	2,684,644	63	0.3	4,489	95	0.2
Adams	107	6,646,981	114	3,315	1,234,459	251,319	1,839,969	4,189,239	43	0.4	11,134	43	0.4
Amesbury	152	2,949,565	191	2,347	1,027,222	227,659	2,090,449	3,898,251	48	0.4	9,473	49	0.3
Amherst	67	559,085	71	525	253,906	73,716	716,093	1,316,143	90	0.1	5,028	83	0.2
Andover	57	2,096,294	58	1,103	436,212	110,106	1,073,222	1,888,329	76	0.2	6,813	67	0.2
Arlington	90	406,128	97	323	197,099	53,915	268,934	681,010	107	0.1	8,603	52	0.3
Athol	129	1,722,593	142	1,455	668,445	119,906	1,307,815	2,549,704	67	0.2	7,061	64	0.2
Attleboro	179	5,833,100	233	5,106	2,354,880	359,736	4,106,820	9,442,752	19	0.9	11,335	40	0.4
Beverly	227	2,552,955	236	2,810	1,390,066	215,536	2,546,186	4,933,752	38	0.5	13,884	31	0.5
Blackstone	23	5,023,339	16	1,742	776,201	86,602	2,850,800	6,593,641	26	0.6	5,721	75	0.2
Boston	7,247	143,311,376	8,009	72,142	39,184,191	23,652,792	99,557,019	206,081,767	1	19.9	560,892	1	20.0
Bridgewater	54	866,911	55	838	478,381	43,933	1,300,927	2,075,377	72	0.2	5,806	74	0.2
Brockton	428	10,193,688	494	10,986	6,166,462	1,189,168	15,980,653	26,384,881	8	2.5	40,063	12	1.4
Brookfield	35	393,859	83	455	202,800	33,067	544,591	809,420	104	0.1	3,062	110	0.1
Cambridge	782	26,662,751	884	12,986	6,785,070	2,229,106	23,986,638	39,164,013	7	3.8	91,886	5	3.3
Canton	59	2,214,623	58	749	339,899	83,839	929,509	1,650,829	83	0.2	4,584	93	0.2
Chelsea	308	8,211,682	328	3,332	1,625,875	678,248	5,764,409	10,333,549	18	1.0	34,072	15	1.2
Chicopee	122	6,595,802	129	4,331	1,668,362	433,337	5,666,713	8,704,907	20	0.8	19,167	26	0.7
Clinton	104	7,098,744	111	4,021	1,600,948	222,973	2,913,952	5,446,763	32	0.5	13,667	32	0.5
Dalton	33	1,724,823	36	843	351,101	143,454	726,946	1,619,191	84	0.2	3,014	111	0.1
Danvers	90	1,398,834	109	974	489,432	89,659	1,756,846	2,654,936	65	0.3	8,542	53	0.3
Dedham	96	777,098	96	678	305,824	43,846	687,550	1,260,125	93	0.1	7,457	60	0.3
Dudley	18	1,978,291	14	1,195	437,177	108,027	1,018,132	1,661,978	82	0.2	3,553	104	0.1
Easthampton	63	2,300,366	62	1,714	658,933	113,403	1,452,605	2,669,753	64	0.3	5,603	76	0.2
Easton	46	1,244,991	50	706	310,994	23,910	803,925	1,523,467	86	0.1	4,837	89	0.2
Everett	168	6,107,735	161	2,141	1,068,987	702,785	2,725,197	5,038,120	34	0.5	24,336	21	0.9
Fairhaven	47	329,491	49	313	170,096	22,757	126,508	408,099	114	(1)	3,567	103	0.1
Fall River	785	58,549,934	822	32,780	11,739,129	3,249,083	19,789,859	43,071,530	5	4.2	104,863	8	3.7
Fitchburg	308	13,033,898	336	6,796	3,113,078	749,165	8,062,713	14,253,522	14	1.4	31,531	18	1.1
Foxboro	45	308,048	49	491	221,858	37,240	359,607	777,219	105	0.1	3,266	107	0.1
Framingham	144	3,092,662	159	2,475	1,018,339	187,797	2,010,281	3,714,732	50	0.4	11,302	42	0.4
Franklin	51	1,823,556	49	888	397,846	87,325	954,409	1,686,041	80	0.2	5,017	84	0.2
Gardner	118	6,073,152	128	3,083	1,299,492	198,615	2,454,237	4,763,863	39	0.5	10,813	44	0.4
Gloucester	392	4,687,559	469	3,379	1,428,896	349,839	4,862,660	7,843,783	22	0.8	26,121	20	0.9
Grafton	49	1,938,007	50	1,256	466,729	94,403	927,957	1,708,342	79	0.2	4,869	88	0.2
Great Barrington	94	1,436,391	96	1,010	415,547	108,012	832,032	1,671,574	81	0.2	5,854	73	0.2
Greenfield	141	1,725,880	147	1,223	551,550	95,786	884,443	2,093,352	71	0.2	7,927	55	0.3
Groveland	11	798,941	11	415	172,308	34,119	594,025	857,736	103	0.1	2,376	112	0.1
Hardwick	16	1,442,618	16	755	289,932	72,438	691,354	1,173,776	95	0.1	3,203	108	0.1
Haverhill	685	6,801,565	838	10,600	5,035,882	1,336,232	15,628,972	24,937,073	11	2.4	37,175	13	1.3
Hinsdale	14	340,045	13	250	88,395	19,602	275,638	434,627	112	(1)	1,485	118	0.1
Holyoke	433	26,760,031	395	13,454	5,730,998	1,976,024	13,673,969	26,283,964	9	2.5	45,712	11	1.6
Hopedale	4	3,031,796	6	1,464	790,439	123,682	1,214,395	3,319,747	54	0.3	2,087	114	0.1
Hudson	74	1,615,132	76	1,571	769,625	154,641	2,440,180	3,621,137	52	0.3	5,454	79	0.2
Hyde Park	127	3,740,053	119	2,792	1,317,684	157,816	2,747,589	5,007,409	36	0.5	13,244	34	0.5
Ipswich	64	826,419	58	843	382,277	142,446	481,386	1,194,826	94	0.1	4,658	90	0.2
Lawrence	546	49,914,035	581	22,358	8,972,310	2,210,145	26,175,644	44,703,278	4	4.3	62,559	7	2.2
Lee	71	1,209,509	76	620	274,004	71,200	483,569	1,168,328	96	0.1	3,596	101	0.1
Leicester	20	970,246	18	647	266,210	39,781	641,288	1,063,669	99	0.1	3,416	105	0.1
Leominster	167	3,987,611	201	3,623	1,600,186	368,417	2,986,707	5,856,174	29	0.6	12,392	36	0.4
Lowell	981	46,578,193	1,049	31,377	11,821,633	4,639,877	21,727,844	44,774,525	3	4.3	94,969	4	3.4
Lynn	776	17,011,761	959	17,492	8,576,042	2,270,595	25,456,798	41,633,845	6	4.0	68,513	6	2.4
Malden	242	5,906,279	261	3,082	1,520,658	790,518	4,607,400	7,959,292	21	0.8	33,664	16	1.2
Mansfield	52	557,480	59	571	274,840	25,428	485,531	1,035,804	100	0.1	4,006	99	0.1
Marblehead	100	469,859	124	1,032	411,372	35,175	811,180	1,410,406	88	0.1	7,582	58	0.3
Marlboro	142	2,191,860	144	2,780	1,304,301	183,801	3,057,414	4,986,399	37	0.5	13,609	33	0.5
Maynard	43	2,349,645	42	838	345,480	48,569	833,742	1,534,003	85	0.1	3,142	109	0.1
Medford	141	1,328,106	149	968	487,793	117,441	896,460	1,907,624	75	0.2	18,244	28	0.6
Melrose	106	3,296,048	134	1,428	695,422	456,120	2,403,575	3,945,580	47	0.4	12,962	35	0.5
Merrimac	40	252,812	47	252	114,739	16,924	200,791	391,793	115	(1)	2,131	113	0.1
Methuen	74	1,203,412	86	726	302,934	81,315	694,506	1,273,920	92	0.1	7,512	59	0.3
Middleboro	110	1,034,730	131	1,081	510,724	101,421	1,293,425	2,298,946	68	0.2	6,885	66	0.2
Milford	129	1,240,782	161	1,554	773,144	103,886	1,636,739	3,071,493	57	0.3	11,376	39	0.4
Millbury	54	1,047,897	52	694	270,862	43,455	579,605	1,082,294	98	0.1	4,460	96	0.2
Milton	58	291,284	64	335	189,920	33,278	271,787	675,793	108	0.1	6,578	68	0.2
Monson	43	690,481	51	523	234,606	64,438	410,372	876,123	102	0.1	3,402	106	0.1
Montague	60	2,653,595	58	1,208	554,186	113,694	847,319	1,985,693	73	0.2	6,150	71	0.2
Natick	154	1,061,320	178	1,502	726,137	146,368	2,094,150	3,298,777	55	0.3	9,488	48	0.3
New Bedford	618	29,073,410	681	16,409	6,730,793	1,703,408	12,727,776	25,681,671	10	2.5	62,442	8	2.2
Newburyport	195	3,863,199	192	3,076	1,326,719	358,728	3,258,571	5,685,768	30	0.5	14,478	29	0.5
Newton	297	5,105,196	317	3,094	1,581,887	388,922	3,065,921	6,322,232	27	0.6	33,587	17	1.2
North Adams	231	14,563,492	253	6,796	2,949,010	836,345	5,410,262	11,682,663	17	1.1	24,200	22	0.9
Northampton	214	2,728,140	235	2,406	1,140,655	274,017	1,974,433	4,193,486	42	0.4	18,643	27	0.7
North Andover	34	1,225,212	34	873	420,053	70,511	655,002	1,345,589	89	0.1	4,243	98	0.1
North Attleboro	116	2,014,999	145	2,162	1,160,052	137,087	1,609,569	3,990,731	45	0.4	7,253	61	0.3
Northbridge	31	3,826,408	33	2,648	1,130,404	77,821	1,140,798	3,028,661	58	0.3	7,036	65	0.2
North Brookfield	51	962,164	54	1,307	643,835	79,458	2,073,095	3,018,676	59	0.3	4,587	92	0.2
Norwood	53	2,437,949	55	1,511	859,242	208,085	1,823,438	3,348,974	53	0.3	5,480	78	0.2
Orange	81	2,770,120	79	1,315	635,682	132,429	1,217,293	2,602,253	66	0.2	5,520	77	0.2
Palmer	78	3,104,049	78	3,053	1,251,992	143,323	2,575,330	4,483,036	40	0.4	7,801	56	0.3

[1] Less than one-tenth of 1 per cent.

TABLE 5.—URBAN MANUFACTURES—Continued.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	PRODUCTS.			POPULATION.		
				Average number.	Total wages.			Value.	Rank.	Per cent of total.	Total.	Rank.	Per cent of total.
Peabody	161	$4,437,229	185	2,881	$1,384,126	$245,513	$4,583,297	$7,261,647	23	0.7	11,523	38	0.4
Pittsfield	261	6,084,849	309	3,863	1,627,790	548,483	3,616,578	7,135,770	24	0.7	21,766	25	0.8
Quincy	339	2,208,197	402	2,546	1,378,823	253,703	1,300,260	3,948,932	46	0.4	23,899	23	0.8
Randolph	54	441,070	59	725	359,150	27,307	903,917	1,425,890	87	0.1	3,993	100	0.1
Reading	72	455,247	90	448	188,645	32,950	534,621	944,422	101	0.1	4,969	87	0.2
Revere	82	502,819	89	255	133,129	26,757	170,181	451,215	111	(1)	10,395	45	0.4
Rockland	81	998,824	90	1,071	515,974	112,435	1,363,959	2,288,972	70	0.2	5,327	82	0.2
Rockport	41	737,225	45	566	255,634	34,390	142,397	634,755	109	0.1	4,592	91	0.2
Salem	446	7,450,935	490	6,424	2,842,678	464,618	7,159,987	12,257,449	16	1.2	35,956	14	1.3
Salisbury	11	11,970	11	14	6,988	578	8,248	24,325	118	(1)	1,558	116	0.1
Shelburne	33	132,063	33	90	39,096	7,053	50,112	140,575	117	(1)	1,508	117	0.1
Somerville	378	10,131,596	419	4,342	2,199,491	706,415	17,346,772	21,776,511	12	2.1	61,643	10	2.2
Southbridge	109	4,269,358	112	2,871	1,225,064	222,267	1,947,000	3,854,638	49	0.4	10,025	46	0.4
South Hadley	24	758,186	26	254	109,352	35,564	238,361	522,810	110	0.1	4,526	94	0.2
Spencer	81	1,519,234	83	1,665	613,917	92,632	1,812,515	2,784,994	62	0.3	7,627	57	0.3
Springfield	817	17,105,947	837	10,123	5,176,299	2,067,702	9,194,841	21,207,039	13	2.0	62,059	9	2.2
Stoneham	94	822,071	103	1,290	544,213	75,708	1,894,999	2,856,919	61	0.3	6,197	69	0.2
Stoughton	56	2,125,321	59	1,071	451,274	161,183	1,521,417	2,297,798	69	0.2	5,442	80	0.2
Taunton	284	11,737,399	281	7,102	3,331,680	908,180	5,993,237	12,594,814	15	1.2	31,036	19	1.1
Wakefield	97	3,209,070	101	1,616	784,644	220,168	1,354,253	2,958,656	60	0.3	9,290	50	0.3
Walpole	44	2,010,385	40	684	370,945	173,320	825,216	1,972,398	74	0.2	3,572	102	0.1
Waltham	275	9,152,169	279	5,392	2,630,929	671,780	2,317,792	6,934,381	25	0.7	23,481	24	0.8
Ware	100	3,284,599	104	2,777	979,930	127,775	2,119,178	3,681,069	51	0.4	8,263	54	0.3
Warren	39	1,379,563	34	1,027	426,594	54,434	688,187	1,275,574	91	0.1	4,417	97	0.2
Watertown	105	4,549,242	106	2,304	1,130,099	170,131	3,811,808	6,078,902	28	0.6	9,706	47	0.3
Webster	83	3,733,575	87	2,490	870,244	280,796	2,447,448	4,086,267	44	0.4	8,804	51	0.3
Westboro	57	948,047	59	843	383,586	39,752	1,087,315	1,783,298	77	0.2	5,400	81	0.2
Westfield	186	4,345,372	188	2,641	1,229,643	328,542	2,401,460	5,072,074	33	0.5	12,310	37	0.4
West Springfield	41	934,945	41	626	345,776	59,291	561,675	1,142,105	97	0.1	7,105	63	0.3
Weymouth	130	4,427,328	153	1,998	911,502	298,022	3,246,899	5,583,144	31	0.5	11,324	41	0.4
Whitman	65	2,054,815	72	2,059	1,092,024	140,286	3,160,456	5,009,786	35	0.5	6,155	70	0.2
Wilbraham	15	711,426	13	171	81,100	24,365	558,198	736,173	106	0.1	1,595	115	0.1
Williamstown	38	815,368	41	365	141,864	20,059	182,511	434,371	113	(1)	5,013	85	0.2
Winchendon	53	1,454,853	69	1,238	462,582	45,207	861,523	1,745,925	78	0.2	5,001	86	0.2
Winchester	52	3,724,461	55	1,155	666,064	178,284	1,855,159	3,257,172	56	0.3	7,248	62	0.3
Winthrop	43	106,445	47	118	60,543	12,909	100,643	242,111	116	(1)	6,058	72	0.2
Woburn	123	2,983,705	133	1,596	757,670	183,489	3,064,985	4,450,566	41	0.4	14,254	30	0.5
Worcester	1,071	42,966,743	1,106	25,593	12,894,784	4,258,926	26,666,176	53,348,783	2	5.2	118,421	2	4.2
Total for state exclusive of urban manufactures	2,678	53,636,166	2,893	31,585	13,452,562	2,982,574	36,156,662	64,600,367	-------	6.2	387,376	-------	13.8
Per cent of urban manufactures to total for state	90.8	93.5	90.9	93.7	94.1	95.9	93.5	93.8	-------	-------	86.2	-------	-------

[1] Less than one-tenth of 1 per cent.

Of the 29,180 establishments in the state, 26,502, or 90.8 per cent, were located in these 118 cities and towns. They furnished employment to 465,863 wage-earners, or 93.7 per cent of the total for the state; and the value of their products, $970,598,622, formed 93.8 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Boston, Brockton, Cambridge, Chelsea, Everett, Fall River, Fitchburg, Gloucester, Haverhill, Holyoke, Lawrence, Lowell, Lynn, Malden, New Bedford, Newton, North Adams, Pittsfield, Quincy, Salem, Somerville, Springfield, Taunton, Waltham, and Worcester by specified industries.

Table 9 shows the totals for all industries in the cities and towns withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	29,180	$823,264,287	$57,284,347	$116,410,327	$201,933,253	$447,636,360	31,925	27,860	$31,257,630	497,448	$228,240,442
2	Barnstable	190	507,166	22,141	125,178	140,587	219,260	213	21	16,738	435	180,883
3	Berkshire	1,016	34,690,760	2,445,092	5,145,951	9,085,797	18,013,920	1,108	756	1,119,794	17,938	7,468,978
4	Bristol	2,293	111,277,529	5,652,554	20,286,506	42,052,957	43,285,512	2,507	1,987	2,514,739	66,265	26,512,367
5	Dukes	30	89,923	3,413	12,066	29,030	45,414	31	2	440	75	29,982
6	Essex	4,250	109,985,655	6,619,882	12,445,352	24,313,846	66,606,575	4,929	3,728	3,595,557	79,345	35,501,560
7	Franklin	507	9,871,028	909,521	1,476,636	2,429,982	5,054,889	530	305	403,629	5,161	2,372,076
8	Hampden	1,833	65,099,986	6,039,190	11,031,405	16,557,782	31,471,609	1,826	2,181	2,668,906	37,796	16,787,362
9	Hampshire	642	13,006,452	755,315	2,257,913	2,793,691	7,199,533	686	338	424,976	9,469	3,846,244
10	Middlesex	4,968	155,072,941	11,462,282	21,803,965	32,499,388	89,307,306	5,344	4,131	4,878,795	89,515	40,061,332
11	Nantucket	8	69,630	2,100	7,150	37,040	23,340	9	3	665	24	13,022
12	Norfolk	1,429	29,120,834	2,051,837	3,988,773	6,027,392	17,052,832	1,553	1,043	1,268,455	19,491	9,613,534
13	Plymouth	1,173	22,769,959	1,119,476	2,203,605	3,737,944	15,708,934	1,339	1,106	1,118,519	20,938	11,015,003
14	Suffolk	7,682	152,440,822	12,441,581	18,586,728	35,504,756	85,907,757	8,475	9,218	9,493,813	75,879	41,022,449
15	Worcester	3,159	119,261,602	7,759,963	17,039,099	26,723,061	67,739,479	3,375	3,041	3,752,604	75,117	33,815,650

TABLE 7.—MANUFACTURES BY

1	All industries	29,180	$823,264,287	$57,284,347	$116,410,327	$201,933,253	$447,636,360	31,925	27,860	$31,257,630	497,448	$228,240,442
2	Agricultural implements	9	706,472	16,700	37,300	122,733	529,739	9	35	45,358	812	159,700
3	Artificial feathers and flowers	3	1,905			450	1,455	3	1	600	11	4,975
4	Artificial limbs	6	27,800	5,500	6,500	5,625	10,175	7			8	5,140
5	Awnings, tents, and sails	75	322,892	3,300	7,600	27,352	284,640	97	39	28,782	350	190,312
6	Babbitt metal and solder	3	7,750			1,000	6,750	2			2	1,474
7	Bags, other than paper	6	106,200			10,300	95,900	5	10	8,088	87	25,714
8	Baking and yeast powders	9	222,943	10,000	41,461	32,956	138,526	6	12	16,392	34	17,726
9	Baskets, and rattan and willow ware	34	162,865	10,335	36,687	48,925	66,918	40	7	4,974	191	81,807
10	Belting and hose, leather	17	564,187	4,000	6,000	88,514	465,673	12	45	58,949	182	113,328
11	Belting and hose, linen	3	156,791	500	5,000	30,400	120,891	1	10	10,400	75	24,332
12	Belting and hose, rubber	4	1,566,475	100,300	166,500	335,177	964,498	1	66	70,523	316	175,161
13	Bicycle and tricycle repairing	553	587,832	25,060	53,830	197,297	311,645	617	35	15,559	503	260,753
14	Bicycles and tricycles	25	2,646,498	51,614	444,863	908,361	1,241,660	19	139	117,242	1,581	815,028
15	Billiard tables and materials	13	132,212			13,300	118,912	17	4	6,736	79	52,594
16	Blacking	48	1,388,720	26,770	135,698	124,122	1,102,130	65	121	139,896	315	118,605
17	Blacksmithing and wheelwrighting	1,996	2,874,479	506,576	659,123	586,869	1,121,911	2,122	44	30,000	2,455	1,511,422
18	Bluing	8	205,109	5,600	13,000	5,340	181,169	10	12	14,274	51	23,388
19	Bookbinding and blank book making	103	2,638,264	143,831	292,237	644,469	1,557,727	118	167	140,104	2,608	1,141,014
20	Boot and shoe cut stock	270	5,475,277	127,120	260,605	465,111	4,622,441	348	226	202,731	4,390	1,699,807
21	Boot and shoe findings	138	2,467,639	63,548	168,618	376,011	1,859,462	169	147	122,300	2,178	843,290
22	Boot and shoe uppers	8	25,471			2,410	23,061	9	3	2,670	22	12,768
23	Boots and shoes, custom work and repairing.	1,718	566,761	54,272	49,883	232,230	230,376	1,678	7	3,900	699	334,235
24	Boots and shoes, factory product	640	37,577,630	674,179	2,360,203	5,750,238	28,793,010	897	2,546	2,487,013	58,645	27,745,820
25	Boots and shoes, rubber	6	13,157,321	377,473	1,082,003	898,462	10,799,383		158	220,821	5,250	2,456,305
26	Bottling	158	1,756,123	128,935	230,800	323,014	1,073,374	200	128	112,741	739	404,973
27	Boxes, cigar	9	112,747	30,500	20,500	20,976	40,771	9	8	7,588	122	43,131
28	Boxes, fancy and paper	95	2,415,255	127,501	426,973	666,080	1,194,701	112	151	125,725	3,890	1,381,466
29	Boxes, wooden packing	94	2,413,227	396,674	414,196	535,128	1,067,229	111	97	80,704	2,081	914,332
30	Brass castings and brass finishing	48	1,666,401	143,450	198,995	204,690	1,119,266	50	55	63,832	1,128	668,609
31	Brassware	14	317,434	20,742	48,000	98,895	149,797	15	23	22,100	337	153,602
32	Bread and other bakery products	1,005	6,315,587	605,413	1,224,205	2,546,207	1,939,762	1,113	1,030	658,475	5,250	2,538,189
33	Brick and tile	81	2,318,664	669,263	381,134	431,218	837,049	108	54	44,205	1,429	622,311
34	Bridges	10	212,701	19,200	2,100	72,695	118,706	13	15	14,804	233	108,821
35	Brooms and brushes	65	1,494,482	15,885	36,600	128,294	1,313,703	70	83	91,023	1,105	425,789
36	Buttons	13	626,439	33,800	105,300	122,669	364,670	12	19	31,164	772	276,202
37	Carpentering	2,103	8,171,392	722,390	982,776	1,132,200	5,334,026	2,392	302	216,313	13,432	8,356,992
38	Carpets and rugs, other than rag	8	9,400,829	614,572	1,503,894	2,010,830	5,271,533	1	71	127,264	4,480	1,720,289
39	Carpets, rag	3	2,560			2,110	450	4			6	2,414
40	Carriage and wagon materials	39	1,052,561	43,750	129,800	177,863	701,148	46	34	41,310	580	291,399
41	Carriages and sleds, children's	4	364,490	35,000	69,000	26,916	233,574	3	16	22,496	280	138,178
42	Carriages and wagons	388	5,594,939	542,596	753,697	614,059	3,684,587	482	141	115,685	3,164	1,709,164
43	Cars and general shop construction and repairs by steam railroad companies.	16	3,056,043	885,850	1,061,500	343,925	764,768		111	103,962	3,031	1,822,959
44	Cars and general shop construction and repairs by street railroad companies.	6	159,328	40,100	74,000	18,550	26,678		3	2,450	71	48,947
45	Cars, street railroad, not including operations of railroad companies.	3	902,420	242,741	210,302	64,675	384,702	2	10	17,576	473	260,911
46	Charcoal	4	5,900	125	1,500	2,200	2,075	4			6	2,295
47	Cheese, butter, and condensed milk, factory product.	50	324,382	19,945	85,483	76,854	142,100	18	24	12,513	99	61,636
48	Chemicals	17	1,877,371	65,969	343,314	367,912	1,100,176	8	92	133,091	622	338,716
49	China decorating	15	26,585			4,850	21,735	16			11	5,875
50	Cleansing and polishing preparations	16	84,733	4,500	12,483	7,473	60,277	15	27	19,412	27	13,178
51	Clocks	5	589,758	41,000	74,000	182,950	291,808	4	22	21,982	96	56,601

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
341,783	$180,155,824	143,109	$45,630,890	12,556	$2,453,728	$73,209,015	$7,970,695	$6,070,464	$47,010,908	$12,156,948	$552,717,955	$540,562,917	$12,155,038	$1,035,198,989	1
276	139,846	156	40,311	[illegible]	726	25,052	7,775	2,830	12,112	2,335	441,657	434,111	7,546	862,946	2
11,640	5,631,312	5,626	1,711,783	672	125,883	2,088,817	136,885	207,966	1,583,546	160,420	14,442,643	13,797,038	645,605	30,291,305	3
39,845	18,320,540	23,293	7,574,657	3,127	617,170	6,512,438	385,783	1,174,670	4,579,157	372,828	46,711,961	45,030,786	1,681,175	99,763,121	4
59	26,658	14	3,142	2	182	8,750	1,557	438	2,037	4,718	50,900	50,146	754	129,194	5
53,969	27,506,613	23,851	7,675,193	1,525	319,754	8,367,819	962,035	613,147	5,139,823	1,652,814	99,192,813	97,648,680	1,544,133	166,806,159	6
4,175	2,101,306	851	245,802	135	24,968	471,537	34,432	85,845	328,785	22,475	4,439,516	4,238,254	201,262	9,491,461	7
24,801	12,930,294	11,897	3,643,189	1,098	213,879	5,432,301	466,081	524,098	3,620,115	822,007	37,858,934	36,618,225	1,240,709	73,569,063	8
5,813	2,774,266	3,359	1,015,660	297	56,318	823,779	62,869	117,675	513,811	129,424	8,602,716	8,398,942	203,774	15,905,879	9
59,428	31,146,824	27,989	8,508,488	2,098	406,020	13,205,593	894,218	1,232,816	9,713,405	1,365,154	112,207,902	110,098,573	2,109,329	192,514,608	10
24	13,022	-------	----------	-------	----------	1,131	----------	309	822	----------	15,560	15,425	135	44,991	11
14,758	8,170,409	4,581	1,410,738	152	32,387	2,057,078	179,157	166,515	1,477,716	233,690	21,244,655	20,732,153	512,502	39,870,609	12
16,048	9,100,715	4,565	1,866,085	325	48,203	1,947,789	178,572	153,338	1,451,780	164,099	30,210,247	29,904,683	305,564	49,775,252	13
55,641	34,423,408	19,495	6,463,605	743	135,436	24,396,660	3,897,835	978,426	12,766,117	6,754,282	105,765,275	104,115,952	1,649,323	217,384,437	14
55,306	27,870,611	17,432	5,472,237	2,379	472,802	7,870,271	763,496	812,391	5,821,682	472,702	71,533,176	69,479,949	2,053,227	138,789,964	15

SPECIFIED INDUSTRIES: 1900.

341,783	$180,155,824	143,109	$45,630,890	12,556	$2,453,728	$73,209,015	$7,970,695	$6,070,464	$47,010,908	$12,156,948	$552,717,955	$540,562,917	$12,155,038	$1,035,198,989	1
311	159,520	-------	----------	1	180	44,577	11,277	7,791	25,509	----------	216,313	209,131	7,182	534,789	2
1	900	10	4,075	-------	----------	1,360	650	10	700	----------	7,513	7,500	13	20,700	3
7	4,700	1	440	-------	----------	2,262	1,132	176	954	----------	6,149	5,967	182	20,610	4
257	156,130	93	34,182	-------	----------	40,107	24,267	1,110	13,775	955	338,376	334,501	3,875	758,713	5
2	1,474	-------	----------	-------	----------	895	485	15	395	----------	43,305	43,035	270	50,340	6
30	13,766	57	11,948	-------	----------	12,983	4,790	581	7,612	----------	203,434	202,060	1,374	271,525	7
23	15,519	11	2,207	-------	----------	17,273	3,715	1,629	11,929	----------	221,537	221,250	287	267,385	8
186	80,417	3	920	2	470	10,537	1,742	1,366	7,429	----------	68,757	67,111	1,646	216,031	9
173	110,577	9	2,751	-------	----------	37,854	19,171	3,311	13,721	1,651	765,074	760,900	4,174	1,158,311	10
27	13,400	48	10,932	-------	----------	15,045	2,750	720	11,575	----------	170,368	168,218	2,150	241,757	11
256	155,133	51	16,210	9	3,818	23,238	2,050	6,195	14,993	----------	594,459	587,413	7,046	936,421	12
488	257,220	2	675	13	2,858	110,676	76,500	3,222	27,481	3,473	443,570	430,530	13,040	1,232,614	13
1,543	798,504	38	16,524	-------	----------	125,076	11,156	17,311	96,559	50	1,307,900	1,276,447	31,453	2,715,310	14
78	52,312	-------	----------	1	282	17,774	8,625	373	8,776	----------	82,253	80,969	1,284	220,535	15
104	63,310	211	55,295	-------	----------	210,494	18,551	4,710	187,233	----------	772,068	760,826	11,242	1,573,025	16
2,435	1,507,045	-------	----------	20	4,377	284,244	207,031	19,978	49,811	7,424	1,440,384	1,351,182	89,202	5,297,844	17
18	9,984	33	13,404	-------	----------	21,428	362	416	20,650	----------	44,731	43,969	762	138,895	18
1,161	725,527	1,382	405,651	65	9,836	306,327	68,019	11,233	170,500	56,575	1,414,849	1,389,709	25,140	3,618,437	19
2,936	1,344,896	1,391	343,928	63	10,983	390,223	109,516	25,922	247,897	6,888	14,272,487	14,217,792	54,695	18,238,922	20
1,314	619,708	814	214,830	50	8,752	167,294	43,314	11,861	91,832	20,287	3,962,724	3,926,863	35,861	5,794,240	21
22	12,768	-------	----------	-------	----------	1,686	1,390	4	292	----------	61,463	61,360	103	90,130	22
682	330,029	8	2,400	9	1,806	207,819	182,364	2,423	20,556	2,476	632,890	617,040	15,850	2,050,724	23
39,022	20,873,248	18,636	6,686,138	987	186,434	4,826,896	399,893	192,577	3,252,789	981,637	75,751,964	75,331,907	420,057	117,115,243	24
2,921	1,672,136	2,272	774,152	57	10,017	1,081,132	----------	127,566	953,566	----------	8,837,688	8,752,482	85,206	16,490,015	25
716	399,071	20	5,352	3	550	287,070	67,607	23,335	194,828	1,300	2,722,621	2,700,613	22,008	4,384,037	26
62	28,256	60	14,875	-------	----------	4,875	1,570	1,190	2,115	----------	84,849	83,139	1,710	169,723	27
1,184	605,023	2,609	760,495	97	15,948	203,239	58,706	18,367	93,664	32,502	1,823,543	1,791,564	31,979	4,145,292	28
1,822	840,911	238	70,680	21	2,741	185,774	21,515	21,457	138,802	4,000	2,052,669	2,038,449	14,220	3,723,518	29
1,127	668,381	-------	----------	1	228	79,617	21,574	14,452	43,441	150	1,946,595	1,876,788	69,807	2,995,062	30
225	124,228	110	29,068	2	306	18,324	7,608	1,925	8,791	----------	162,378	156,627	5,751	443,787	31
3,911	2,216,771	1,263	308,222	76	13,196	839,081	317,872	39,974	480,905	330	8,346,701	8,113,639	233,062	15,420,529	32
1,426	621,661	-------	----------	3	650	90,672	16,532	18,564	52,826	2,750	400,365	98,071	302,294	1,468,264	33
233	108,821	-------	----------	-------	----------	15,700	2,250	760	12,590	100	171,632	167,354	4,278	359,602	34
554	273,701	519	146,636	32	5,452	125,731	25,854	11,598	87,779	500	1,089,053	1,077,209	11,844	2,026,416	35
302	141,049	443	131,929	27	3,224	27,505	4,176	5,392	17,777	160	237,835	229,116	8,719	681,081	36
13,423	8,355,057	2	350	7	1,585	4,035,865	163,553	38,723	252,628	3,580,961	14,638,790	14,570,276	68,514	32,741,606	37
2,022	996,216	1,954	629,638	504	94,435	427,241	683	77,957	329,705	18,896	3,989,945	3,891,789	98,156	6,966,237	38
5	2,114	1	300	-------	----------	890	720	----------	170	----------	730	600	130	7,000	39
577	290,783	1	312	2	304	62,368	14,839	5,620	40,307	1,602	629,508	611,738	17,770	1,256,830	40
254	126,178	24	11,500	2	500	42,353	1,400	2,466	38,487	----------	287,344	282,469	4,875	572,561	41
3,148	1,704,006	16	5,158	-------	----------	346,351	117,419	35,900	172,300	20,732	2,585,363	2,522,181	63,182	6,118,121	42
3,028	1,821,912	3	1,047	-------	----------	32,544	2,500	50	29,994	----------	1,752,564	1,707,118	45,446	3,712,029	43
71	48,947	-------	----------	-------	----------	5,295	60	1,085	4,150	----------	95,927	95,387	540	156,580	44
473	260,911	-------	----------	-------	----------	30,523	555	5,448	24,520	----------	368,188	358,685	9,503	742,535	45
6	2,295	-------	----------	-------	----------	95	45	25	25	----------	5,012	5,012	----------	9,766	46
99	61,636	-------	----------	-------	----------	15,240	3,974	1,916	8,520	830	1,024,575	1,015,476	9,099	1,198,159	47
580	328,631	39	9,476	3	609	268,236	5,780	16,791	240,665	5,000	1,080,826	985,655	95,171	2,010,830	48
6	4,025	5	1,850	-------	----------	3,848	2,772	19	927	130	26,366	26,175	191	48,930	49
20	11,456	7	1,722	-------	----------	25,678	1,639	724	23,315	----------	58,288	57,026	1,262	195,846	50
89	52,779	7	3,822	-------	----------	13,449	1,175	2,782	9,492	----------	33,522	31,283	2,239	172,548	51

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
52	Cloth, sponging and refinishing	4	$6,100			$3,100	$3,000	5			14	$6,615
53	Clothing, men's, custom work and repairing.	1,527	3,030,443	$57,495	$65,339	283,641	2,623,968	1,685	306	$232,822	5,091	2,551,641
54	Clothing, men's, factory product	194	3,793,174	17,025	60,025	179,086	3,537,038	276	316	338,704	3,333	1,422,278
55	Clothing, men's, factory product, buttonholes.	3	1,554			1,500	54	3			5	4,333
56	Clothing, women's, dressmaking	1,335	998,980	51,445	84,650	198,992	663,893	1,406	38	21,341	4,172	1,532,926
57	Clothing, women's, factory product	119	1,616,991	16,400	63,800	242,054	1,294,737	159	140	145,254	3,443	1,083,002
58	Coffee and spice, roasting and grinding	24	1,906,955	16,000	35,000	158,938	1,697,017	25	172	244,954	286	195,268
59	Coffins, burial cases, and undertakers' goods.	15	716,185	22,000	71,000	134,175	489,010	15	53	64,350	284	160,213
60	Combs	16	385,077	13,600	33,150	59,786	278,541	21	31	29,101	752	327,658
61	Confectionery	249	2,212,389	180,468	214,212	693,018	1,124,691	278	376	274,169	2,942	1,046,114
62	Cooperage	73	967,287	125,395	248,295	112,143	481,454	77	39	39,760	944	442,494
63	Cordage and twine	19	7,697,434	408,900	865,721	1,317,447	5,105,366	9	84	143,339	3,303	1,100,990
64	Cordials and sirups	3	12,273			783	11,490	5	4	2,028	6	2,012
65	Cork, cutting	5	75,574			18,621	56,953	6	11	12,669	61	22,495
66	Corsets	14	939,656	11,722	97,847	111,449	718,638	13	95	144,811	1,085	331,334
67	Cotton goods	163	155,761,193	8,716,746	30,066,848	57,928,100	59,049,499	37	1,080	2,013,902	92,085	32,327,443
68	Cotton small wares	14	528,258	19,774	77,353	240,819	190,312	11	24	32,150	430	151,254
69	Cotton waste	8	1,264,414	104,620	131,446	136,234	892,114	6	26	45,340	446	170,281
70	Cutlery and edge tools	65	3,116,274	225,400	636,445	599,372	1,655,057	74	97	148,170	2,100	1,083,281
71	Dentists' materials	6	41,154	75	125	12,581	28,373	7	23	19,750	33	18,944
72	Druggists' preparations, not including prescriptions.	13	502,696	3,125	21,000	71,070	407,501	7	75	89,448	145	60,611
73	Dyeing and cleaning	85	291,659	51,790	67,900	60,925	111,044	96	22	14,060	428	204,106
74	Dyeing and finishing textiles	37	15,206,200	1,161,503	1,960,972	2,499,388	9,584,337	24	239	547,862	4,678	2,081,015
75	Dye stuffs and extracts	10	592,510	91,800	68,000	60,973	371,737	11	27	36,120	49	28,226
76	Electrical apparatus and supplies	54	8,259,612	112,300	716,298	1,280,069	6,150,945	34	565	556,703	5,202	2,714,449
77	Electrical construction and repairs	140	687,531	4,050	2,650	69,515	611,316	158	90	70,493	701	399,588
78	Electroplating	54	141,496	3,600	5,700	75,050	57,146	64	3	1,315	219	113,779
79	Emery wheels	9	597,430	27,100	72,932	124,325	373,073	4	47	52,470	271	161,620
80	Enameling and enameled goods	14	47,405	1,225	4,150	21,985	20,045	17	3	3,300	105	47,408
81	Engraving and diesinking	56	77,326	1,140	3,975	40,656	31,555	73	12	6,565	104	58,354
82	Engraving, steel, including plate printing.	33	133,211	80	550	34,401	98,180	37	12	17,618	193	134,595
83	Engraving, wood	17	48,600			10,380	38,220	22			53	31,574
84	Envelopes	12	2,318,052	143,844	435,822	864,765	873,621	2	105	94,090	976	389,620
85	Fancy articles, not elsewhere specified	32	354,847	2,550	7,650	66,299	278,348	32	31	46,116	357	145,510
86	Felt goods	7	1,338,640	134,400	229,930	324,212	650,098	1	19	41,397	464	180,795
87	Fertilizers	9	3,250,030	150,179	227,967	396,601	2,475,283	7	171	186,685	227	115,083
88	Files	11	50,575	6,000	8,800	18,950	16,825	15	2	780	75	39,492
89	Firearms	10	1,932,602	200,900	379,714	631,303	720,685	10	78	80,595	1,603	862,565
90	Fish, canning and preserving	61	1,734,227	194,557	206,559	256,568	1,076,543	35	122	103,131	1,328	475,123
91	Flags and banners	3	4,799			450	4,349	4			4	1,900
92	Flavoring extracts	39	535,284	9,175	21,050	37,679	467,380	42	77	110,535	139	60,207
93	Flouring and grist mill products	231	1,930,927	203,518	401,901	340,838	984,670	270	53	33,157	304	161,486
94	Food preparations	58	982,893	36,725	67,895	207,206	671,067	61	123	209,560	500	227,454
95	Foundry and machine shop products	825	62,498,989	4,003,903	8,365,961	13,354,712	36,774,413	806	2,134	2,833,232	32,234	17,862,854
96	Fruits and vegetables, canning and preserving.	9	48,375	625	900	19,900	26,950	12	9	7,600	139	39,945
97	Fur goods	42	153,679	200	500	12,735	140,244	47	24	21,600	217	140,862
98	Fur hats	11	1,467,700	46,356	319,101	363,939	738,304	18	54	55,659	1,823	790,786
99	Furnishing goods, men's	12	341,070	7,400	16,000	36,972	280,698	16	46	57,790	498	181,398
100	Furniture, cabinetmaking, repairing, and upholstering.	500	1,110,171	42,790	76,885	141,586	848,910	548	52	38,893	1,203	701,243
101	Furniture, factory product	120	10,987,220	427,404	1,417,420	992,158	8,150,238	156	310	363,551	6,092	2,925,331
102	Galvanizing	4	21,460		150	3,910	17,400	4			14	8,316
103	Gas and lamp fixtures	9	247,066			101,600	145,466	12	27	21,800	158	98,594
104	Gas, illuminating and heating	68	30,032,578	3,591,388	6,621,853	16,941,434	2,877,903		434	420,085	1,409	813,459
105	Gas machines and meters	5	555,924	16,500	11,750	38,770	488,904		25	34,580	192	120,795
106	Glass	5	258,949	33,000	50,047	35,150	140,752	2	39	28,060	387	188,674
107	Glass, cutting, staining, and ornamenting.	26	143,241	1,013	3,100	25,724	113,404	36	19	14,406	178	113,938
108	Gloves and mittens	9	111,005	1,100	5,355	11,315	93,235	10	7	3,960	201	86,310
109	Glue	14	1,004,101	122,890	173,910	151,038	556,263	16	31	40,080	293	125,569
110	Gold and silver, leaf and foil	8	47,350	1,300	3,300	8,250	34,500	8	1	1,196	96	48,220
111	Gold and silver, reducing and refining, not from the ore.	4	43,556	4,200	10,100	8,875	20,381	7	1	1,500	7	4,980
112	Grease and tallow	41	1,860,076	299,296	777,915	299,458	483,407	46	42	45,895	424	219,476
113	Hairwork	31	51,570			8,375	43,195	33	2	1,400	74	26,610
114	Hand knit goods	9	16,943	173	1,225	5,795	9,750	9	1	312	12	5,595
115	Hand stamps	25	65,810			27,860	37,950	29	18	12,818	74	29,280
116	Hardware	25	780,845	31,116	89,982	146,760	512,987	32	23	26,190	616	280,190
117	Hats and caps, not including fur hats and wool hats.	50	1,798,071	150,938	240,666	315,383	1,091,084	65	80	108,911	2,245	1,038,768
118	Hosiery and knit goods	54	6,288,672	369,094	711,522	1,268,522	3,939,534	36	166	212,753	6,667	2,091,258
119	House furnishing goods, not elsewhere specified.	15	1,242,639	36,700	105,390	280,579	819,970	12	62	85,610	381	174,225
120	Ink, writing	6	232,097	3,125	6,500	22,322	200,150	7	65	57,968	71	27,315
121	Instruments, professional and scientific	14	229,510	5,250	14,400	30,486	179,374	12	15	14,644	59	31,633

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
14	$6,615					$2,169	$1,810	$14	$345		$560	$100	$460	$17,500	52
3,084	1,840,777	1,940	$697,805	67	$13,059	1,182,472	499,268	16,971	197,124	$469,114	3,354,380	3,318,793	35,587	9,860,673	53
1,396	870,423	1,929	550,429	8	1,426	1,434,508	138,070	29,760	183,544	1,083,134	5,011,759	4,985,602	26,157	9,830,954	54
3	2,570	5	1,763			495	336	8	156		643	496	147	8,044	55
319	228,271	3,840	1,302,488	13	2,167	317,710	247,594	4,593	44,927	20,596	1,493,028	1,477,448	15,580	4,767,972	56
418	244,031	2,997	834,521	28	4,450	261,597	82,599	9,302	135,024	34,672	2,795,143	2,775,082	20,061	5,201,650	57
178	159,459	108	35,809			232,949	30,500	10,209	192,240		2,966,805	2,946,072	20,733	3,926,000	58
237	140,662	47	19,551			43,563	14,484	4,890	24,189		295,892	287,775	8,117	682,922	59
635	286,451	109	39,407	8	1,800	50,960	5,085	2,179	18,076	25,620	530,693	511,154	19,539	1,099,467	60
1,118	644,829	1,737	389,418	87	11,867	417,846	169,496	23,108	222,042	3,200	4,083,063	4,028,978	54,085	7,014,532	61
932	438,894	12	3,600			63,105	8,079	8,497	45,729	800	803,885	796,876	7,009	1,578,013	62
2,123	788,965	1,029	282,921	151	29,104	418,861	3,720	64,223	348,764	2,154	6,527,318	6,449,193	78,125	9,635,571	63
2	1,680	4	332			3,813	2,520	30	1,263		12,027	11,847	180	25,711	64
42	18,695	19	3,800			7,658	2,780	150	4,728		51,101	49,821	1,280	117,149	65
92	53,029	968	274,345	25	3,960	200,555	10,930	7,155	182,470		544,145	539,531	4,614	1,541,366	66
45,105	18,298,457	41,057	12,855,112	5,923	1,173,874	7,243,357	13,714	1,654,300	5,391,813	183,530	54,068,038	51,887,324	2,180,714	110,478,327	67
140	68,636	241	74,138	49	8,480	31,754	5,362	4,515	21,877		321,007	310,807	10,200	646,848	68
243	115,802	203	54,479			58,036	11,700	8,509	37,827		2,609,134	2,601,753	7,381	2,987,188	69
1,970	1,043,855	84	28,652	46	10,774	130,209	13,180	25,419	91,560	50	806,601	743,943	62,658	2,608,075	70
29	17,144	4	1,800			14,557	3,744	34	10,779		57,163	56,525	638	157,625	71
77	39,199	63	20,502	5	910	41,754	16,353	2,668	22,733		302,130	300,065	2,065	618,814	72
192	116,405	235	87,493	1	208	44,865	26,401	1,471	12,558	4,435	68,871	59,996	8,875	522,616	73
3,846	1,833,344	735	229,597	97	18,074	866,829	7,517	85,717	756,802	16,793	3,110,910	2,711,687	399,223	8,868,290	74
48	27,626	1	600			20,449	3,606	1,910	14,933		1,123,833	1,115,568	8,265	1,320,881	75
4,256	2,445,100	843	244,221	103	25,128	454,008	62,103	37,276	345,802	8,827	5,250,293	5,178,091	72,202	10,490,361	76
627	373,034	74	26,554			66,249	28,917	1,371	33,595	2,366	693,658	689,024	4,634	1,521,896	77
198	108,454	17	4,533	4	792	21,901	16,447	647	4,307	500	73,662	66,955	6,707	297,760	78
270	161,100	1	520			63,086	4,160	6,483	52,443		244,355	227,498	16,857	672,740	79
67	36,419	36	10,389	2	600	5,472	3,686	117	1,669		24,705	19,748	4,957	118,480	80
93	55,344	10	2,750	1	260	31,211	11,308	382	4,751	14,770	35,103	32,811	2,292	216,728	81
143	117,054	47	16,885	3	656	40,953	12,407	462	27,644	440	62,552	60,712	1,840	353,700	82
50	30,542	3	1,032			9,102	3,686	137	1,284	3,995	8,456	7,719	737	83,934	83
299	171,867	673	216,825	4	928	192,164	14,090	10,583	167,491		1,199,167	1,189,133	10,034	2,132,353	84
144	87,597	211	57,643	2	270	43,067	18,083	1,546	20,540	2,898	455,539	453,409	2,130	852,459	85
402	165,861	47	12,512	15	2,422	67,612	6,080	7,169	54,363		953,203	931,217	21,986	1,526,830	86
226	114,619	1	464			199,787	4,126	15,209	180,452		1,115,818	1,102,144	13,674	2,074,590	87
75	39,492					4,474	2,684	234	1,256	300	12,793	10,111	2,682	86,563	88
1,561	854,319	2	1,096	40	7,150	126,899	5,520	19,804	101,575		509,555	487,221	22,334	1,928,179	89
1,194	449,781	134	25,342			118,058	21,296	13,642	82,320	800	3,471,112	3,460,821	10,291	4,619,362	90
3	1,500	1	400			971	696		275		5,818	5,810	8	11,400	91
89	44,008	49	15,849	1	350	68,420	20,932	3,156	44,332		522,324	519,250	3,074	1,022,236	92
302	161,264			2	222	95,774	28,094	15,107	52,573		4,812,256	4,777,109	35,147	5,763,523	93
351	184,128	141	41,853	8	1,473	573,690	30,710	6,311	536,369	300	923,362	893,549	29,813	2,378,219	94
31,845	17,749,504	320	101,241	69	12,109	3,535,269	393,333	389,887	2,557,881	194,168	21,357,406	20,587,835	769,571	56,290,159	95
57	21,660	79	17,760	3	525	7,892	4,724	463	2,205		384,600	381,206	3,394	531,545	96
83	72,340	134	68,522			31,289	18,459	484	9,221	3,125	251,107	250,455	652	597,399	97
976	514,262	834	274,254	13	2,270	97,787	9,910	10,567	70,410	6,900	1,389,546	1,362,218	27,328	2,630,964	98
79	34,572	418	146,650	1	176	55,304	10,321	1,811	43,172		632,007	628,558	3,449	1,020,369	99
1,027	633,609	169	66,414	7	1,220	165,959	105,443	5,622	44,529	10,365	1,136,209	1,123,985	12,224	2,745,149	100
5,506	2,734,886	552	184,132	34	6,313	1,105,730	98,696	74,883	315,656	616,495	4,557,565	4,450,555	107,010	11,244,503	101
14	8,316					2,163	700	42	1,321	100	14,813	13,903	910	36,150	102
151	96,494	2	1,050	5	1,050	37,075	11,030	874	25,171		122,135	118,559	3,576	335,364	103
1,406	811,587	3	1,872			1,147,205	40	315,907	831,258		1,651,873	1,569,289	82,584	5,868,864	104
186	118,830	3	1,248	3	717	24,510	7,460	945	16,105		132,288	129,661	2,627	334,320	105
343	179,236	19	4,392	25	5,046	14,243	500	3,155	10,588		137,185	104,138	33,047	418,458	106
171	111,058	7	2,880			29,929	16,148	981	10,800	2,000	62,936	59,823	3,113	296,815	107
61	42,913	134	42,497	6	900	6,942	3,690	480	1,772	1,000	124,170	122,805	1,365	289,210	108
258	115,098	35	10,471			60,883	6,403	7,931	46,499	50	638,990	584,547	54,443	913,489	109
47	30,520	45	16,700	4	1,000	2,256	1,540	79	637		90,037	89,579	458	166,250	110
7	4,980					1,021	672	121	228		24,674	24,129	545	44,159	111
423	219,226			1	250	116,468	4,341	12,454	97,273	2,400	1,143,136	1,104,601	38,535	1,879,908	112
10	4,797	63	21,683	1	130	19,028	15,635	237	2,956	200	37,564	37,196	368	137,240	113
8	4,777	4	818			1,054	440	47	367	200	5,972	5,850	122	20,679	114
58	25,045	14	3,935	2	300	28,897	8,302	394	7,312	12,889	31,310	30,406	904	135,204	115
529	250,250	16	3,850	71	26,090	67,419	9,458	4,857	52,844	260	299,976	288,136	11,840	805,588	116
932	582,915	1,308	454,656	5	1,197	211,025	36,345	10,080	131,930	32,670	2,290,217	2,244,807	45,410	4,383,486	117
1,658	752,031	4,549	1,263,543	460	75,684	528,103	18,580	55,519	340,054	113,950	2,910,640	2,838,926	71,714	6,620,257	118
248	136,572	128	36,539	5	1,114	46,281	9,165	3,543	33,573		673,406	662,314	11,092	1,159,402	119
32	15,600	39	11,715			73,029	6,312	2,811	63,906		173,285	171,682	1,603	427,717	120
54	29,463	5	2,170			23,364	5,268	821	11,075	6,200	61,297	60,027	1,270	218,370	121

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
122	Iron and steel	8	$13,738,593	$411,300	$1,008,500	$4,711,130	$7,607,663	-------	98	$162,617	6,125	$3,408,827
123	Iron and steel, bolts, nuts, washers, and rivets.	10	1,510,515	63,915	203,005	835,226	408,369	6	70	99,855	943	441,500
124	Iron and steel, forgings	6	322,235	18,900	58,244	133,976	111,115	7	10	20,250	233	131,979
125	Iron and steel, nails and spikes, cut and wrought, including wire nails.	44	2,519,781	157,124	380,424	693,825	1,288,408	51	131	133,077	1,076	519,013
126	Ironwork, architectural and ornamental.	27	1,725,332	139,406	183,010	225,743	1,177,173	28	98	104,035	981	595,199
127	Ivory and bone work	19	345,100	8,700	40,364	99,260	196,776	30	25	13,628	574	232,127
128	Japanning	5	40,190	7,600	12,700	3,150	16,740	4	2	2,400	26	14,033
129	Jewelry	138	4,917,105	74,472	321,295	1,297,767	3,223,571	225	851	372,832	5,696	2,780,993
130	Jewelry and instrument cases	4	10,850	2,000	500	4,800	3,550	7	-------	-------	29	8,057
131	Kaolin and other earth grinding	12	787,835	116,103	195,660	77,716	398,356	12	31	36,900	206	123,586
132	Kindling wood	7	108,450	50,100	21,000	24,500	12,850	15	1	400	79	24,298
133	Lamps and reflectors	10	95,946	1,000	6,000	38,784	50,162	12	17	15,316	166	86,955
134	Lapidary work	3	23,100	-------	-------	4,900	18,200	2	6	3,070	17	10,300
135	Lasts	23	678,646	53,601	125,425	161,318	338,302	35	31	35,004	414	287,475
136	Lead, bar, pipe, and sheet	4	945,725	202,000	139,000	148,717	456,008	-------	29	40,650	101	64,940
137	Leather goods	37	416,261	7,643	28,750	84,484	295,384	41	60	40,853	473	193,267
138	Leather, tanned, curried, and finished	119	15,317,940	360,099	1,339,948	1,745,968	11,871,925	160	355	405,648	7,010	3,379,698
139	Lime and cement	11	115,639	20,100	28,700	16,800	50,039	16	3	2,640	130	69,823
140	Linen goods	8	2,520,056	83,074	433,065	519,778	1,484,139	5	52	60,604	1,387	459,472
141	Liquors, distilled	8	553,874	72,575	120,000	78,500	282,799	6	18	21,180	29	21,920
142	Liquors, malt	40	18,136,623	2,074,101	6,226,373	4,421,247	5,414,902	15	322	639,025	1,651	1,340,412
143	Liquors, vinous	6	33,700	2,300	6,450	2,200	22,750	7	-------	-------	5	2,700
144	Lithographing and engraving	21	1,564,563	29,000	86,257	547,268	902,038	16	142	164,799	1,079	569,230
145	Lock and gun smithing	151	126,122	2,000	4,688	51,906	67,528	145	5	2,204	108	56,585
146	Looking-glass and picture frames	135	375,033	11,485	25,950	32,425	305,173	154	40	27,857	278	151,695
147	Lumber and timber products	553	6,253,171	1,715,459	696,998	1,111,577	2,729,137	685	93	81,896	2,768	1,215,088
148	Lumber, planing mill products, including sash, doors, and blinds.	143	4,120,037	459,727	635,123	725,898	2,299,289	156	230	228,867	2,434	1,344,066
149	Marble and stone work	231	5,208,306	1,624,217	561,894	1,293,482	1,728,713	266	171	184,853	3,894	2,058,115
150	Masonry, brick and stone	759	8,730,734	490,153	360,925	709,872	2,169,784	854	178	149,705	8,741	4,871,081
151	Mattresses and spring beds	37	501,988	34,000	28,655	60,735	378,598	36	86	67,350	624	272,359
152	Millinery and lace goods	25	706,454	46,300	136,100	100,491	423,563	33	41	41,684	993	481,046
153	Millinery, custom work	874	1,600,520	54,700	96,190	135,602	1,314,028	958	216	100,850	2,216	839,513
154	Mineral and soda waters	129	1,192,543	114,850	176,764	370,960	529,969	159	78	75,039	460	232,056
155	Mirrors	6	113,900	400	2,000	21,501	89,999	6	12	5,808	66	35,581
156	Models and patterns	75	163,074	3,400	4,000	71,991	83,683	92	10	7,302	259	149,887
157	Monuments and tombstones	241	2,012,395	409,348	210,571	255,243	1,137,233	305	90	71,739	1,827	1,110,547
158	Mucilage and paste	23	394,312	37,900	48,800	52,275	255,337	28	27	30,864	92	56,067
159	Musical instruments and materials, not specified.	34	336,521	620	910	61,092	273,899	37	11	11,890	248	134,131
160	Musical instruments, organs and materials.	24	853,507	29,400	97,729	138,851	587,527	29	37	59,660	629	408,049
161	Musical instruments, pianos and materials.	37	6,153,597	596,691	869,686	493,053	4,194,167	28	164	257,983	2,546	1,494,973
162	Needles and pins	6	245,168	5,000	25,000	47,599	167,569	8	8	8,300	262	102,757
163	Nets and seines	6	790,652	25,698	65,225	144,221	555,508	6	16	30,045	430	148,919
164	Oil, not elsewhere specified	22	604,012	62,342	78,842	93,769	369,059	27	42	38,168	160	84,235
165	Optical goods	35	1,318,309	39,806	151,441	180,037	947,025	42	70	69,348	1,469	660,990
166	Painting, house, sign, etc	1,743	2,569,523	218,694	310,042	398,716	1,642,071	1,985	170	100,070	6,114	3,586,919
167	Paints	30	1,300,708	80,476	207,241	202,269	810,722	26	75	102,784	337	176,101
168	Paper and wood pulp	93	26,692,922	3,572,658	5,805,874	7,156,007	10,158,383	35	510	861,152	9,061	3,938,400
169	Paper goods, not elsewhere specified	34	3,084,158	69,825	363,199	626,066	2,025,068	28	172	256,346	1,487	630,486
170	Paper hanging	98	173,975	5,700	5,800	19,463	143,012	111	25	11,166	304	197,715
171	Paper hangings	4	376,540	50,735	53,379	136,276	136,150	3	37	44,649	169	90,562
172	Patent medicines and compounds	148	2,766,794	182,611	308,022	260,596	2,015,565	155	278	278,117	1,259	401,835
173	Paving and paving materials	66	777,222	119,300	74,850	171,438	411,634	82	55	61,008	951	485,820
174	Perfumery and cosmetics	13	144,324	250	5,500	8,705	129,869	14	13	13,949	57	26,656
175	Photographic apparatus	3	109,600	-------	-------	15,100	94,500	2	5	4,707	55	23,070
176	Photographic materials	13	161,943	4,300	33,720	58,598	65,325	10	16	15,468	95	49,419
177	Photography	402	937,735	37,961	100,404	444,656	354,714	428	102	62,318	760	391,756
178	Photolithographing and photoengraving.	16	138,126	-------	-------	48,325	89,801	18	33	24,086	233	151,027
179	Pickles, preserves, and sauces	30	529,582	3,050	9,150	61,725	455,657	30	98	76,919	281	108,648
180	Pipes, tobacco	5	81,820	825	1,250	7,325	72,420	7	-------	-------	45	32,112
181	Plastering and stuccowork	108	406,341	34,920	71,040	72,970	227,411	142	28	27,504	675	435,067
182	Plated and britannia ware	4	1,170,606	39,502	223,500	282,631	624,973	1	31	22,893	193	95,722
183	Plumbers' supplies	13	468,549	22,200	23,550	75,136	347,663	7	39	44,794	374	182,343
184	Plumbing, and gas and steam fitting	1,072	4,765,386	295,283	376,731	528,818	3,564,554	1,284	441	283,378	5,432	3,304,646
185	Pottery, terra cotta, and fire-clay products.	29	1,627,575	370,880	522,942	197,273	536,480	26	72	60,360	584	262,141
186	Printing and publishing, book and job	585	8,933,698	283,760	403,894	3,598,588	4,647,456	654	1,009	837,219	5,427	2,906,519
187	Printing and publishing, music	9	294,835	-------	-------	138,142	156,693	6	45	43,137	160	86,251
188	Printing and publishing, newspapers and periodicals.	396	10,392,258	793,085	618,784	4,074,133	4,906,256	346	2,141	2,027,034	5,432	3,769,204
189	Pumps, not including steam pumps	3	13,050	1,050	4,900	3,100	4,000	4	2	600	5	2,203
190	Refrigerators	12	157,259	22,000	28,600	20,400	86,259	19	7	5,912	107	62,187
191	Regalia and society banners and emblems.	12	35,977	-------	-------	6,627	29,350	15	2	533	39	15,198

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
5,931	$3,347,638	171	$54,544	23	$6,645	$1,001,756	$15,000	$72,330	$914,426		$7,542,888	$7,006,013	$536,875	$13,491,159	122
614	353,212	317	86,272	12	2,016	120,177	7,095	11,616	95,566	$5,900	1,025,677	1,000,968	24,709	1,834,885	123
233	131,979					13,713	1,265	2,023	10,425		204,703	172,794	31,909	467,095	124
781	421,938	269	90,404	26	6,671	125,805	10,771	21,303	93,731		1,749,321	1,706,469	42,852	2,902,875	125
981	595,199					155,817	12,708	8,055	96,809	38,245	1,456,375	1,435,071	21,304	2,545,779	126
448	203,000	100	24,130	26	4,997	32,918	6,549	1,711	24,658		414,720	403,753	10,967	774,311	127
24	13,433	2	600			2,607	2,000	425	182		22,717	21,611	1,106	48,319	128
3,498	1,979,381	2,177	796,611	21	5,001	278,510	82,006	20,029	167,345	9,130	4,390,447	4,332,634	57,813	10,315,334	129
11	4,292	18	3,765			1,629	704	65	860		7,659	7,259	400	24,674	130
206	123,586					30,754	9,964	4,403	14,527	1,860	246,836	228,691	18,145	526,052	131
79	24,298					3,559	1,596	528	1,435		53,880	51,732	2,148	99,751	132
143	80,400	23	6,555			16,520	5,012	665	10,843		74,744	72,233	2,511	220,767	133
17	10,300					3,651	1,350	25	1,276	1,000	26,677	26,277	400	50,460	134
413	287,331	1	144			52,727	9,596	4,318	38,213	600	225,860	212,088	13,772	853,812	135
100	64,758			1	182	49,362	150	11,866	37,346		809,859	800,430	9,429	1,003,507	136
261	136,383	205	55,726	7	1,158	60,493	14,050	2,159	44,089	195	441,171	434,923	6,248	973,086	137
6,955	3,358,807	48	19,307	7	1,584	662,553	73,299	88,961	500,293		19,793,757	19,564,541	229,216	26,067,714	138
130	69,823					7,630	1,325	1,312	2,893	2,100	122,433	68,176	54,257	261,477	139
525	229,620	739	207,170	123	22,682	182,251	3,150	21,081	158,020		1,000,225	966,959	33,266	1,737,762	140
29	21,920					441,231	3,000	6,058	432,173		308,414	292,979	15,435	857,096	141
1,641	1,336,427	10	3,985			4,731,540	324	115,875	4,614,343	998	2,843,050	2,622,979	220,071	11,255,613	142
5	2,700					1,589	190	184	1,215		5,791	5,691	100	19,685	143
796	483,829	254	75,264	29	10,137	283,874	20,077	7,313	181,008	75,476	555,544	541,367	14,177	1,789,161	144
100	54,035	6	2,058	2	442	33,646	25,966	467	6,193	1,020	64,837	60,772	4,065	269,753	145
275	150,252	3	1,443			64,266	43,104	3,842	15,570	1,750	358,192	355,008	3,184	798,756	146
2,713	1,200,167	50	14,046	5	875	297,759	18,029	43,380	228,530	7,820	3,574,418	3,570,042	4,376	6,526,230	147
2,403	1,335,066	11	3,328	20	5,672	280,761	57,524	33,224	162,923	27,090	3,635,754	3,591,444	44,310	6,292,281	148
3,888	2,056,695			6	1,420	272,759	32,950	34,812	194,683	10,314	1,576,697	1,498,204	78,493	5,078,098	149
8,740	4,870,881			1	200	1,782,226	36,684	20,024	255,543	1,469,975	7,563,403	7,527,062	36,341	16,628,973	150
428	207,712	196	64,647			109,376	49,055	3,612	56,709		914,802	901,490	13,312	1,617,503	151
271	186,844	721	293,982	1	220	39,543	16,093	4,173	19,277		1,024,114	1,010,726	13,388	1,818,967	152
40	24,504	2,152	811,217	24	3,792	407,622	328,967	10,029	68,426	200	2,481,469	2,467,306	14,163	5,075,501	153
447	225,775	7	5,371	6	910	172,825	29,142	8,155	133,928	1,600	453,145	440,069	13,076	1,267,879	154
66	35,581					5,222	2,596	67	2,559		92,818	89,978	2,840	186,967	155
248	147,034	11	2,853			33,136	21,562	704	10,120	750	66,555	61,494	5,061	383,983	156
1,827	1,110,547					211,731	18,862	16,685	111,761	64,423	774,529	742,175	32,354	2,917,633	157
70	46,665	21	9,246	1	156	30,600	9,436	2,109	19,055		712,404	703,633	8,771	984,782	158
235	129,307	13	4,824			25,473	11,656	653	13,064	100	174,814	168,212	6,602	469,239	159
573	387,420	55	20,467	1	162	85,819	12,160	6,965	66,535	159	366,689	353,899	12,790	1,189,585	160
2,373	1,448,762	173	46,211			430,097	36,610	28,070	267,292	98,125	1,935,401	1,906,604	28,797	4,981,966	161
132	71,169	99	26,205	31	5,383	9,394	1,025	1,679	6,690		26,565	23,555	3,010	223,851	162
47	31,444	383	117,475			46,130	6,560	5,599	33,971		500,268	496,693	3,575	876,300	163
149	80,485	10	3,550	1	200	66,815	7,144	3,528	56,143		1,279,104	1,264,129	14,975	1,700,641	164
1,157	577,724	248	72,445	64	10,821	159,318	15,481	16,159	88,258	39,420	984,488	974,073	10,415	2,082,837	165
6,088	3,579,674	15	4,857	11	2,388	322,322	174,186	13,048	101,994	33,094	2,269,489	2,254,836	14,653	8,499,066	166
311	166,473	26	9,628			112,789	18,170	11,591	83,028		1,332,899	1,303,191	29,708	2,005,982	167
5,626	3,004,087	3,428	932,873	7	1,440	1,693,505	9,654	262,835	1,416,117	4,899	11,918,802	10,664,591	1,254,211	22,141,461	168
839	446,583	618	177,813	30	6,090	221,905	35,004	18,113	168,288	500	2,740,964	2,699,371	41,593	4,322,860	169
301	196,728	3	987			35,358	19,187	911	12,735	2,525	256,979	256,419	560	618,639	170
148	86,734	17	3,100	4	728	8,853	4,450	398	4,005		173,930	169,066	4,864	445,242	171
582	245,817	672	155,026	5	992	2,271,748	38,930	18,743	2,208,672	5,403	1,780,278	1,764,979	15,299	5,819,335	172
949	485,260	1	260	1	300	71,513	7,052	4,986	45,014	14,461	433,682	415,459	18,223	1,354,868	173
21	13,626	35	12,850	1	180	73,494	6,030	243	67,221		167,392	166,136	1,256	349,043	174
36	19,330	17	3,540	2	200	8,405	1,350	30	7,025		22,553	21,945	608	95,000	175
60	38,918	32	10,189	3	312	12,953	3,542	979	8,432		201,929	196,230	5,699	421,930	176
441	262,724	313	128,037	6	995	209,812	126,522	7,789	68,640	6,861	506,071	496,642	9,429	1,740,878	177
197	140,427	34	10,250	2	350	31,316	14,865	529	15,572	350	68,673	64,600	4,073	404,494	178
131	73,817	148	34,440	2	391	40,400	18,222	2,054	20,124		749,643	739,584	10,059	1,194,914	179
40	30,662	5	1,450			4,493	1,940	272	2,281		48,685	47,609	1,076	136,108	180
673	434,495	2	572			52,609	12,684	1,637	18,110	20,178	327,048	323,557	3,491	1,082,937	181
144	80,792	46	14,437	3	493	17,515	600	4,890	12,025		120,563	113,038	7,525	269,893	182
342	173,087	22	7,494	10	1,762	39,301	8,872	2,484	27,945		370,387	360,956	9,431	719,154	183
5,401	3,296,773	8	2,692	23	5,181	458,361	247,766	26,032	165,721	18,842	6,718,629	6,665,505	53,124	13,507,245	184
526	246,136	54	15,064	4	941	76,266	2,509	9,531	58,850	5,376	188,278	128,959	59,319	713,246	185
3,844	2,320,611	1,433	562,143	150	23,765	2,206,995	314,758	51,737	661,870	1,178,630	2,901,286	2,798,433	102,853	12,199,580	186
100	57,351	60	28,900			109,562	14,717	2,943	60,142	31,760	92,043	90,124	1,919	407,634	187
4,066	3,220,702	1,278	532,912	88	15,590	3,301,822	315,707	97,819	2,187,148	701,148	3,921,665	3,800,141	121,524	16,765,100	188
5	2,203					299		155	144		3,349	3,155	194	10,008	189
107	62,187					13,648	2,493	1,345	8,605	1,205	80,581	78,782	1,799	252,201	190
8	4,516	30	10,532	1	150	8,536	4,410	153	3,273	700	39,310	39,169	141	84,171	191

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
192	Registers, cash	4	$40,326			$11,127	$29,199	1	10	$6,374	11	$6,530
193	Roofing and roofing materials	158	822,933	$61,491	$81,890	130,363	549,189	177	64	58,063	901	481,241
194	Rubber and elastic goods	70	11,818,650	529,998	1,139,512	2,107,538	8,041,602	63	351	512,389	5,944	2,401,954
195	Saddlery and harness	433	1,267,531	52,500	91,921	201,668	921,442	449	42	41,233	785	442,986
196	Sand and emery paper and cloth	3	402,274	26,753	43,073	54,856	277,592	2	20	23,120	100	52,571
197	Sausage	21	131,305	14,550	42,400	42,475	31,880	27	6	2,950	126	71,733
198	Scales and balances	6	42,191			12,228	29,963	6	3	4,756	58	38,164
199	Screws, machine	11	532,412	15,000	35,000	199,947	282,465	9	37	38,466	586	252,304
200	Sewing machine repairing	20	11,990	750	1,550	4,305	5,385	15	1	1,000	15	10,471
201	Sewing machines and attachments	8	2,056,385	23,400	108,359	488,427	1,436,199	6	18	71,893	665	430,703
202	Ship and boat building, wooden	122	1,138,830	221,539	129,878	201,104	586,309	141	51	38,102	1,043	636,686
203	Shipbuilding, iron and steel	8	1,010,461	122,500	167,388	445,898	274,675	2	29	40,944	563	399,307
204	Shirts	40	1,434,154	22,550	174,226	139,695	1,097,683	48	68	81,456	1,985	681,590
205	Shoddy	29	769,294	82,085	188,858	215,885	282,466	29	30	34,336	307	127,715
206	Show cases	8	18,274			2,732	15,542	11	1	800	33	20,879
207	Silk and silk goods	20	5,649,758	216,341	756,454	707,345	3,969,618	11	156	227,276	3,110	1,110,324
208	Silverware	13	2,991,872	26,000	264,785	404,459	2,296,628	15	128	180,932	1,030	609,485
209	Slaughtering and meat packing, wholesale.	11	9,016,672	882,182	2,073,715	1,219,523	4,841,252	8	174	185,130	2,337	1,113,943
210	Slaughtering, wholesale, not including meat packing.	11	2,297,403	300,650	303,300	103,615	1,589,838	13	46	65,166	411	204,134
211	Smelting and refining, not from the ore	4	37,575	1,700	4,550	2,325	29,000	2	4	3,400	11	6,532
212	Soap and candles	61	1,761,562	227,264	319,193	263,869	951,236	69	149	156,494	523	234,422
213	Soda water apparatus	5	2,489,551		29,250	389,744	2,070,557	2	66	61,214	323	239,514
214	Sporting goods	13	189,719	16,500	39,000	28,204	106,015	13	22	21,404	304	133,161
215	Springs, steel, car and carriage	3	17,075		2,900	8,000	6,175	3			16	8,018
216	Stamped ware	10	565,603	66,000	119,000	194,268	186,335	9	23	30,429	297	130,235
217	Starch	5	344,999	29,320	67,300	53,271	195,108	9	21	23,788	65	34,736
218	Stationery goods, not elsewhere specified.	8	57,478	2,700	4,400	8,375	42,003	7	2	1,500	22	9,229
219	Steam fittings and heating apparatus	23	1,788,879	96,331	292,772	454,266	945,510	24	134	186,041	1,396	849,480
220	Steam packing	8	132,085	1,688	15,000	30,783	84,614	4	11	12,036	61	32,675
221	Stencils and brands	17	30,775	450	575	18,310	11,440	17	3	1,398	34	16,836
222	Stereotyping and electrotyping	11	290,047	2,000	3,500	131,254	153,293	17	44	39,205	315	190,564
223	Sugar and molasses, refining	7	13,974,045	1,561,512	1,044,729	2,482,549	8,885,255	11	59	107,295	592	352,059
224	Surgical appliances	21	91,193	1,450	1,850	34,304	53,589	26	13	10,636	134	61,357
225	Taxidermy	15	58,402	3,700	7,823	4,729	42,150	15	4	2,774	19	10,043
226	Tinsmithing, coppersmithing, and sheet-iron working.	386	2,617,223	167,830	272,917	479,809	1,696,667	440	202	174,022	2,145	1,173,808
227	Tobacco, cigars and cigarettes	331	2,358,501	122,970	118,950	91,971	2,024,610	370	133	153,576	2,752	1,749,676
228	Tools, not elsewhere specified	76	3,903,404	104,747	675,345	1,184,096	1,939,216	79	140	174,147	1,983	1,003,632
229	Toys and games	23	507,037	20,850	68,700	95,685	321,802	28	32	29,897	434	155,560
230	Trunks and valises	15	144,314	1,100	8,900	14,450	119,864	20	15	13,297	136	64,912
231	Type founding	4	241,671	1,500	3,500	144,000	92,671	3	20	22,278	194	105,481
232	Typewriter repairing	7	13,108			1,051	12,057	3	4	520	15	8,925
233	Typewriters and supplies	3	223,622			104,707	118,915	2	37	22,492	223	118,760
234	Umbrellas and canes	11	77,225			9,225	68,000	12	23	16,940	83	36,192
235	Upholstering materials	9	198,880	10,250	33,300	48,254	107,076	10	8	8,820	171	64,927
236	Varnish	14	358,384	18,900	36,088	54,800	248,596	11	42	44,174	51	31,595
237	Vinegar and cider	99	391,957	33,020	102,845	117,555	138,537	111	10	6,232	98	40,718
238	Watch and clock materials	4	95,974	7,500	17,800	33,000	37,674	5	9	8,714	193	72,427
239	Watch, clock, and jewelry repairing	694	605,940	15,220	24,650	208,261	357,809	697	4	2,612	533	326,386
240	Whips	31	1,108,349	18,100	55,900	124,516	909,833	35	124	151,874	695	291,890
241	Window shades	23	141,723	10,500	11,500	20,190	99,533	26	17	7,700	106	58,194
242	Wire	6	669,215	28,702	80,800	123,400	436,313	4	19	32,650	279	160,598
243	Wirework, including wire rope and cable.	44	2,875,556	154,720	450,554	767,773	1,502,509	37	142	139,472	1,695	736,271
244	Wood, turned and carved	105	1,060,592	155,631	183,239	337,491	384,231	118	38	33,073	1,048	371,370
245	Woodenware, not elsewhere specified	11	138,909	18,925	32,750	21,400	65,834	12	6	4,156	155	62,147
246	Wool hats	4	402,082	17,000	40,000	38,500	306,582		17	15,459	541	278,129
247	Wool scouring	5	354,154	18,750	75,000	166,500	93,904	3	20	44,176	298	145,946
248	Woolen goods	131	33,196,903	2,357,173	4,663,468	5,706,431	20,469,831	102	438	729,724	17,717	6,823,051
249	Worsted goods	45	45,790,300	2,988,592	4,739,224	8,585,662	29,676,822	27	503	796,250	18,867	7,055,585
250	All other industries[1]	86	18,588,213	1,096,823	1,661,947	6,344,425	9,485,018	78	361	562,743	5,829	2,784,743

[1] Embraces ammunition, 2; artists' materials, 2; bags, paper, 1; bells, 1; brass, 1; brass and copper, rolled, 2; bronze castings, 2; calcium lights, 1; card cutting and designing, 2; cars, steam railroad, not including operations of railroad companies, 2; cheese and butter, urban dairy products, 1; chocolate and cocoa products, 2; coke, 1; collars and cuffs, paper, 1; crucibles, 2; drug grinding, 1; explosives, 2; fire extinguishers, chemical, 1; fireworks, 2; foundry supplies, 1; furs, dressed, 1; gas and oil stoves, 2; grindstones, 1; hammocks, 2; hardware, saddlery and hat and cap materials, 2; hones and whetstones, 1; hooks and eyes, 2;

TABLE 8.—MANUFACTURES IN CITIES

BOSTON.

1	All industries	7,247	$143,311,376	$11,828,389	$17,376,624	$33,725,878	$80,380,485	8,009	8,840	$9,114,118	72,142	$39,184,191
2	Artificial limbs	3	8,750			3,750	5,000	4			3	1,800
3	Awnings, tents, and sails	33	193,771	2,000	5,000	15,360	171,411	43	34	25,522	220	118,042
4	Bags, other than paper	4	76,500			8,000	68,500	5	6	4,600	78	22,572
5	Baking and yeast powders	6	100,397			6,057	94,340	4	7	9,372	16	8,391
6	Baskets, and rattan and willow ware	3	2,985			475	2,510	3			11	7,010

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
11	$6,530					$5,407	$1,535	$34	$2,690	$1,148	$4,522	$4,124	$398	$41,718	192
899	480,815			2	$426	120,363	28,166	4,687	45,076	42,434	973,633	962,369	11,264	2,090,450	193
3,281	1,607,774	2,536	$779,407	127	14,773	652,939	25,340	105,319	516,980	5,300	8,554,422	8,398,337	156,085	13,885,059	194
763	435,922	21	6,914	1	150	108,665	76,598	6,337	20,725	5,005	904,070	893,057	11,013	1,958,161	195
92	49,963	8	2,608			19,944	400	1,326	18,218		197,113	191,547	5,566	375,556	196
124	71,402	2	331			17,525	7,645	1,255	8,625		550,621	539,773	10,848	710,467	197
57	37,748	1	416			6,393	4,563	252	1,578		27,213	26,040	1,173	81,867	198
518	234,153	68	18,151			51,733	13,516	2,843	35,374		210,154	199,200	10,954	681,175	199
15	10,471					2,977	1,984	124	869		8,771	8,400	371	37,895	200
660	429,174	5	1,529			75,059	2,084	17,363	54,512	1,100	519,784	511,061	8,723	1,403,798	201
1,043	636,686					133,787	21,453	6,772	40,861	64,701	704,439	690,935	13,504	1,760,574	202
563	399,307					97,982		7,904	82,328	7,750	652,966	641,266	11,700	1,296,880	203
235	137,739	1,749	543,651	1	200	192,903	21,107	6,182	118,613	47,001	1,192,703	1,181,708	10,995	2,362,860	204
260	114,492	44	12,794	3	429	50,027	7,368	5,372	37,287		685,123	659,110	26,013	988,189	205
33	20,879					5,873	4,570	114	961	228	20,283	19,311	972	70,946	206
1,102	506,282	1,837	562,989	171	41,053	382,745	13,837	29,583	179,306	160,019	3,823,963	3,785,291	38,672	5,957,532	207
908	576,578	114	31,875	8	1,032	350,410	5,450	21,481	323,479		1,019,368	997,400	21,968	2,499,298	208
2,313	1,107,261	13	3,582	11	3,100	464,526	3,130	61,793	399,603		24,603,698	24,473,112	130,586	27,505,698	209
411	204,134					126,576	7,378	16,084	103,084	30	3,436,371	3,412,571	23,800	4,127,785	210
10	6,232			1	300	1,336	485	275	126	450	116,843	114,752	2,091	136,787	211
428	212,618	83	19,288	12	2,516	129,001	5,680	17,909	105,412		1,609,044	1,574,867	34,177	2,489,815	212
314	236,874	9	2,640			249,978	50,163	16,720	182,295	800	304,038	295,948	8,090	1,177,185	213
195	99,020	109	34,141			36,506	4,005	2,644	20,707	9,150	232,459	229,172	3,287	517,481	214
15	7,706	1	312			1,449	660	50	739		9,739	7,185	2,554	29,800	215
227	113,489	62	14,737	8	2,009	40,899	6,160	5,149	28,390	1,200	201,501	194,315	7,186	388,753	216
58	32,736	7	2,000			28,708	300	1,996	26,412		259,652	252,563	7,089	390,161	217
16	6,943	6	2,286			6,244	2,258	117	3,869		9,906	9,208	698	54,190	218
1,389	847,636	7	1,844			162,663	26,128	12,179	100,656	23,700	1,206,103	1,174,209	31,894	2,969,697	219
58	31,720	3	955			28,721	3,230	257	15,234	10,000	97,823	95,855	1,968	285,695	220
32	16,236	2	600			7,054	5,050	120	1,134	750	6,828	6,467	361	52,192	221
283	180,631	32	9,933			49,120	20,113	1,414	20,895	6,698	93,687	82,316	11,371	480,962	222
566	346,764	26	5,295			411,754	815	27,133	383,806		19,170,246	19,024,712	145,534	19,626,882	223
84	45,792	48	15,337	2	228	20,841	11,610	681	7,000	1,550	54,526	52,111	2,415	198,566	224
19	10,043					4,285	2,095	165	2,025		19,192	18,991	201	58,096	225
2,078	1,151,604	65	21,777	2	427	269,602	125,011	17,544	105,700	21,347	1,920,733	1,885,408	35,325	4,503,447	226
2,038	1,443,830	700	302,755	14	3,091	594,410	68,905	12,500	512,981	24	1,910,617	1,898,180	12,437	5,298,390	227
1,867	970,067	103	30,565	13	3,000	292,131	19,343	50,158	210,788	11,842	1,142,288	1,081,721	60,567	3,651,055	228
315	133,385	107	21,299	12	876	31,962	5,079	3,126	22,367	1,390	319,258	314,943	4,315	660,992	229
117	59,656	18	4,956	1	300	20,590	10,945	521	9,124		160,599	159,331	1,268	338,537	230
126	75,798	68	29,683			24,433	7,685	889	15,859		146,074	139,178	6,896	383,794	231
15	8,925					2,492	1,475	3	914	100	4,584	4,584		18,691	232
157	94,328	66	24,432			30,783	6,268	231	24,284		67,211	64,583	2,628	329,763	233
29	16,395	54	19,797			8,878	3,066	119	5,693		165,968	165,058	910	272,320	234
89	43,109	82	21,818			13,234	2,300	606	10,328		335,820	331,420	4,400	466,994	235
46	29,995	5	1,600			26,439	5,976	1,828	18,635		274,441	271,046	3,395	500,672	236
98	40,718					13,333	1,635	3,088	8,540	70	163,359	158,984	4,375	349,376	237
84	37,203	109	35,224			2,749	590	463	1,696		26,483	24,978	1,505	125,744	238
514	322,024	11	3,250	8	1,112	189,590	126,487	4,396	29,561	29,146	246,686	239,124	7,562	1,326,953	239
480	228,372	194	58,425	21	5,093	166,810	14,707	6,529	144,799	775	719,423	711,072	8,351	1,651,221	240
66	43,087	40	15,107			12,258	6,708	264	2,686	2,600	153,200	150,419	2,781	300,493	241
279	160,598					53,048	7,700	5,956	36,792	2,600	776,450	753,611	22,839	1,122,116	242
1,227	603,651	413	116,926	55	15,694	126,669	11,747	21,524	93,198	200	1,617,605	1,585,986	31,619	3,004,955	243
1,013	364,040	13	3,680	22	3,650	56,313	17,153	5,958	32,426	776	471,430	455,777	15,653	1,158,276	244
144	59,772	6	1,300	5	1,075	11,914	1,760	1,030	8,624	500	81,957	78,355	3,602	219,496	245
382	228,586	144	47 005	15	2,538	97,319	1,200	2,784	93,335		587,902	572,083	15,819	1,103,003	246
297	145,556	1	390			30,569	1,655	3,355	25,559		78,371	61,291	17,080	334,912	247
11,177	4,803,450	5,865	1,888,520	675	131,081	1,745,199	114,538	208,768	1,331,195	90,698	18,273,424	17,706,539	566,885	30,888,104	248
9,380	4,177,429	8,410	2,654,009	1,077	224,147	1,681,861	46,539	186,366	1,362,930	86,026	25,315,707	24,832,058	483,649	40,557,363	249
3,672	2,043,575	2,124	735,350	33	5,818	1,575,714	34,029	166,058	1,373,594	2,033	8,037,590	7,879,663	157,927	14,894,140	250

ink, printing, 2; jute and jute goods, 1; labels and tags, 2; lard, refined, 1; leather board, 2; mats and matting, 1; oil, castor, 1; oil, essential, 1; oilcloth, enameled, 2; ordnance and ordnance stores, 1; pencils, lead, 1; pens, fountain and stylographic, 2; pens, gold, 1; phonographs and graphophones, 1; pocketbooks, 2; printing materials, 2; pulp goods, 2; rules, ivory and wood, 1; safes and vaults, 1; salt, 2; saws, 2; screws, wood, 2; silversmithing, 2; tobacco, chewing, smoking, and snuff, 1; washing machines and clothes wringers, 1; watch cases, 2; watches, 2; windmills, 1; wool pulling, 2.

BY SPECIFIED INDUSTRIES: 1900.

BOSTON.

52,831	$32,886,426	18,584	$6,166,107	727	$131,658	$23,652,792	$3,834,456	$919,161	$12,262,280	$6,636,895	$99,557,019	$98,023,933	$1,533,086	$206,081,767	1
						1,485	1,060		425		3,969	3,944	25	11,794	2
3	1,800					26,624	16,870	594	8,260	900	223,479	221,110	2,369	489,575	3
150	92,430	70	25,612			9,993	3,880	481	5,632		187,530	186,350	1,180	235,000	4
24	11,300	54	11,272			8,759	3,550	10	5,199		31,763	31,665	98	51,424	5
10	7,063	6	1,328			791	620	13	158		2,618	2,588	30	14,070	6
11	7,010														

TABLE 8.—MANUFACTURES IN CITIES

BOSTON—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
7	Belting and hose, leather	6	$170,635	$4,000	$6,000	$23,136	$137,499	4	18	$21,750	35	$23,205
8	Bicycle and tricycle repairing	89	77,281	600	500	30,062	46,119	93	8	4,132	100	50,640
9	Bicycles and tricycles	3	23,850			8,400	15,450	6	4	2,000	22	11,438
10	Billiard tables and materials	7	101,612			4,550	97,062	9	4	6,736	36	23,994
11	Blacking	13	365,860	12,500	17,500	33,998	301,862	18	62	104,087	220	70,821
12	Blacksmithing and wheelwrighting	260	469,835	98,752	80,700	98,439	191,944	295	19	13,118	585	391,944
13	Bookbinding and blank book making	58	899,191	6,000	8,000	349,964	535,227	73	64	57,454	1,281	553,033
14	Boot and shoe cut stock	13	985,377			58,148	927,229	14	58	64,388	314	160,995
15	Boot and shoe findings	12	76,501			27,817	48,684	11	10	9,370	97	36,154
16	Boot and shoe uppers	4	22,250			1,650	20,600	4	2	2,070	8	5,367
17	Boots and shoes, custom work and repairing.	425	138,284	1,343	2,950	51,477	82,514	429	6	3,300	271	131,632
18	Boots and shoes, factory product	11	761,681			183,900	577,781	18	143	117,322	2,332	999,575
19	Bottling	47	1,088,020	33,200	59,100	192,132	803,588	67	87	90,268	408	222,506
20	Boxes, fancy and paper	23	291.631	6,000	33,000	102,487	150,144	24	37	34,414	718	231,548
21	Boxes, wooden packing	4	37,325			7,825	29,500	4	4	3,216	55	27,647
22	Brass castings and brass finishing	23	376,107	95,050	69,051	73,209	138,797	31	16	15,670	214	129,410
23	Brassware	9	209,864	20,742	48,000	47,663	93,459	12	20	18,500	260	119,724
24	Bread and other bakery products	251	1,661,099	203,175	480,900	553,585	423,439	262	354	159,740	1,516	777,663
25	Bridges	8	166,701	16,200	2,100	58,695	89,706	12	10	9,904	197	92,321
26	Brooms and brushes	16	1,071,302			79,858	991,444	16	42	46,970	618	232,770
27	Buttons	3	10,300			5,500	4,800	4	2	2,100	14	4,856
28	Carpentering	425	1,955,722	183,865	184,940	269,565	1,317,352	496	96	79,162	3,014	1,937,900
29	Carpets, rag	3	2,560			2,110	450	4			5	2,414
30	Carriage and wagon materials	10	158,716	16,500	14,300	22,452	105,464	15	6	5,570	74	45,098
31	Carriages and wagons	59	1,668,067	113,150	84,011	111,090	1,359,816	72	34	30,516	581	250,024
32	Cars and general shop construction and repairs by steam railroad companies.	7	1,552,501	590,650	542,900	163,376	255,575		52	49,490	1,278	822,325
33	Chemicals	5	131,989	6,286	7,714	20,950	97,039	4	16	9,840	22	15,186
34	China decorating	9	22,465			4,490	17,975	10			10	5,275
35	Cleansing and polishing preparations	8	53,027	2,500	10,000	4,360	36,167	6	22	17,900	15	6,764
36	Clocks	3	476,961	40,000	60,000	127,050	249,911	1	18	19,550	61	41,308
37	Cloth, sponging and refinishing	4	6,100			3,100	3,000	5			14	6,615
38	Clothing, men's, custom work and repairing.	736	1,959,922	18,125	9,500	150,324	1,781,973	837	228	180,682	2,867	1,475,835
39	Clothing, men's, factory product	150	3,203,118	450	1,350	128,481	3,072,837	220	276	304,021	2,622	1,174,826
40	Clothing, men's, factory product, buttonholes.	3	1,554			1,500	54	3			8	4,333
41	Clothing, women's, dressmaking	271	533,698	11,800	9,300	85,923	426,670	292	27	15,389	1,883	834,868
42	Clothing, women's, factory product	88	730,844	2,500	3,300	112,696	612,348	112	86	84,662	1,760	625,137
43	Coffee and spice, roasting and grinding	16	1,839,305	12,000	30,000	145,288	1,652,017	14	172	244,954	268	184,767
44	Coffins, burial cases, and undertakers' goods.	4	112,303			11,500	100,803	4	14	13,498	38	19,693
45	Confectionery	64	1,224,154	50,800	41,200	433,552	698,602	72	167	146,726	1,936	674,141
46	Cooperage	22	274,678	38,925	44,200	23,390	168,163	22	10	11,600	254	144,048
47	Cordials and sirups	3	12,273			783	11,490	5	4	2,028	6	2,012
48	Cork, cutting	4	60,200			17,060	43,140	8	8	4,685	56	19,567
49	Corsets	8	12,175			3,075	9,100	8			28	13,302
50	Cotton goods	3	228,684	51,571	13,327	82,533	81,253	2	14	14,258	68	30,375
51	Cutlery and edge tools	5	35,807	2,000	8,000	13,000	12,807	6	1	750	37	23,766
52	Dentists' materials	3	27,859			6,506	21,353	3	12	9,450	20	11,444
53	Druggists' preparations, not including prescriptions.	9	233,740			37,150	196,590	5	49	55,018	51	19,669
54	Dyeing and cleaning	21	62,630	10,600	20,900	14,370	16,760	25	6	3,830	105	42,625
55	Dye stuffs and extracts	6	362,618	80,000	18,000	14,300	250,318	5	21	29,100	23	14,206
56	Electrical apparatus and supplies	23	1,021,862	54,200	84,000	260,796	622,866	16	92	89,244	581	273,407
57	Electrical construction and repairs	61	431,537	1,000	500	39,618	390,419	64	50	43,825	322	189,679
58	Electroplating	25	51,801			25,600	26,201	31	1	440	97	54,135
59	Enameling and enameled goods	4	24,100			11,700	12,400	5	1	2,000	32	21,079
60	Engraving and diesinking	32	47,215			23,165	24,050	46	10	5,878	59	30,471
61	Engraving, steel, including plate printing.	29	128,931			32,151	96,780	32	11	17,600	187	129,335
62	Engraving, wood	11	24,150			5,180	18,970	14			35	22,092
63	Envelopes	3	59,500			24,000	35,500	1	12	7,500	47	18,390
64	Fancy articles, not elsewhere specified	17	297,343			49,444	247,899	17	28	44,440	301	118,788
65	Fertilizers	4	374,289			35,768	338,521	2	13	14,300	32	16,400
66	Files	3	9,775	1,000	6,000	1,700	1,075	4	2	780	12	2,854
67	Fish, canning and preserving	13	200,030	10,000	12,200	9,015	168,815	13	32	31,494	96	49,156
68	Flavoring extracts	16	415,989	3,550	3,250	26,230	382,959	17	59	84,141	90	41,908
69	Flouring and grist mill products	3	45,888			19,588	26,300	3	5	2,816	10	4,850
70	Food preparations	18	392,999	20,000	25,000	80,729	267,270	17	70	142,192	201	103,897
71	Foundry and machine shop products	197	9,604,392	465,905	730,029	2,081,262	6,327,196	174	573	640,283	4,680	2,641,868
72	Fruits and vegetables, canning and preserving.	4	32,700			18,000	14,700	7	8	7,100	110	31,796
73	Fur goods	34	146,249			11,930	134,319	89	23	21,000	206	135,412
74	Fur hats	3	208,475			29,500	178,975	3	9	13,600	224	112,358
75	Furnishing goods, men's	8	279,750	6,000	10,000	28,832	234,918	11	38	48,554	391	146,286
76	Furniture, cabinetmaking, repairing, and upholstering.	160	646,221	430	850	51,701	593,240	177	32	28,994	717	422,625

BY SPECIFIED INDUSTRIES: 1900—Continued.

BOSTON—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
31	$22,305	4	$900			$9,342	$4,500	$572	$4,270		$185,676	$184,495	$1,181	$318,395	7
98	50,456			2	$184	23,886	17,808	135	4,818	$1,125	53,033	51,710	1,323	195,029	8
22	11,438					2,636	1,600	69	917	50	22,218	21,368	850	62,450	9
35	23,712			1	282	13,692	6,590	316	6,786		36,326	35,767	559	107,250	10
50	29,223	170	41,598			138,631	10,330	3,286	125,015		427,620	423,595	4,025	898,504	11
580	390,463			5	1,481	84,240	68,250	2,729	10,781	2,480	327,892	310,767	17,125	1,171,650	12
517	330,956	741	218,108	23	3,969	132,670	54,581	2,126	23,613	52,350	392,433	380,532	11,901	1,428,683	13
295	153,117	18	7,728	1	150	126,647	28,435	3,902	94,310		2,417,774	2,413,132	4,642	3,120,039	14
36	19,112	61	17,042			12,468	5,995	303	6,170		116,679	114,747	1,932	236,516	15
8	5,367					843	748		95		52,920	52,865	55	67,910	16
259	128,516	4	1,460	8	1,656	80,703	70,038	384	8,604	1,677	169,249	165,740	3,509	623,408	17
1,259	627,810	1,038	364,325	35	7,440	155,550	30,507	8,448	115,837	758	2,408,813	2,392,293	16,520	3,882,655	18
390	218,218	15	3,738	3	550	181,402	47,816	17,709	114,677	1,200	1,765,356	1,755,252	10,104	2,795,010	19
165	92,824	547	137,691	6	1,033	51,106	29,585	3,955	17,566		249,846	244,335	5,511	687,256	20
55	27,647					3,687	2,320	198	1,169		70,237	69,717	520	115,673	21
213	129,182			1	228	24,955	14,818	2,125	7,862	150	244,008	231,887	12,121	478,794	22
176	98,191	84	21,533			14,178	5,514	1,689	6,975		121,882	117,306	4,576	341,920	23
1,101	668,564	395	105,565	20	3,534	298,911	120,058	10,873	167,980		2,601,881	2,546,704	55,177	4,566,953	24
197	92,321					12,454	1,150	414	10,890		140,082	137,404	2,678	295,802	25
269	136,051	321	92,345	28	4,374	50,914	20,083	7,971	22,860		776,634	771,813	4,821	1,265,367	26
2	1,536	12	3,320			1,774	1,500	49	225		4,347	4,238	109	18,862	27
8,008	1,936,515			6	1,385	1,208,193	86,851	7,062	67,563	1,046,717	2,494,071	2,465,652	28,419	6,879,632	28
5	2,114	1	300			890	720		170		730	600	130	7,000	29
74	45,098					16,938	7,498	800	8,640		94,457	91,899	2,558	224,300	30
581	250,024					87,531	46,939	6,925	26,623	7,044	370,111	354,454	15,657	1,127,071	31
1,275	821,278	3	1,047			19,304			19,304		772,832	750,248	22,584	1,663,951	32
22	15,186					11,050	1,040	692	9,318		154,405	150,958	3,447	209,623	33
5	4,025	4	1,250			3,033	2,180	10	743	100	24,608	24,485	123	43,150	34
9	5,264	6	1,500			16,225	1,085	640	14,500		31,823	31,087	736	129,151	35
56	38,058	5	3,250			9,505	800	2,118	6,587		22,716	21,027	1,689	134,190	36
14	6,615					2,169	1,810	14	345		560	100	460	17,500	37
1,862	1,099,222	944	364,401	61	12,212	905,947	316,644	9,366	139,723	440,214	2,117,812	2,102,242	15,570	6,275,032	38
1,203	768,240	1,412	405,316	7	1,270	1,397,989	128,562	26,613	162,795	1,080,019	4,253,905	4,236,466	17,439	8,601,431	39
8	2,570	5	1,763			495	336	3	156		643	496	147	8,044	40
274	192,617	1,605	641,584	4	667	187,166	137,381	2,556	27,569	19,660	860,357	856,955	3,402	2,567,633	41
298	183,053	1,434	437,634	28	4,450	213,659	66,890	4,737	107,987	34,045	1,764,399	1,752,665	11,734	3,258,483	42
162	149,558	106	35,209			229,354	29,025	9,794	190,535		2,772,083	2,753,065	19,018	3,696,544	43
82	17,587	6	2,106			16,019	3,932	1,943	10,144		85,067	84,194	873	165,600	44
561	380,049	1,290	282,758	85	11,334	282,159	105,633	12,805	161,721	2,000	2,727,498	2,702,088	25,410	4,455,184	45
253	143,748	1	300			29,397	3,317	1,537	24,543		328,883	325,173	3,710	607,900	46
2	1,680	4	332			3,813	2,520	30	1,263		12,027	11,847	180	25,711	47
37	15,767	19	3,800			5,156	2,480	150	2,526		35,461	34,511	950	85,510	48
1	400	27	12,902			4,488	2,688	30	1,770		11,269	11,180	89	43,785	49
35	21,278	33	9,097			8,353	1,132	740	3,705	2,776	147,288	144,228	3,060	212,005	50
37	23,766					3,563	2,225	283	1,005	50	10,929	9,455	1,474	50,649	51
20	11,444					13,238	2,969		10,269		27,705	27,202	503	92,500	52
29	13,163	20	6,206	2	300	33,512	13,113	1,051	19,348		128,155	127,604	551	271,951	53
43	25,007	52	17,618			12,896	6,617	402	3,852	2,025	11,491	9,413	2,078	123,946	54
22	13,606	1	600			10,753	3,156	727	6,870		960,342	959,459	883	1,089,325	55
457	240,403	120	32,520	4	484	89,951	22,162	4,167	60,652	2,970	577,072	562,029	15,043	1,274,435	56
321	189,389	1	290			37,181	14,878	347	19,620	2,336	354,437	353,119	1,318	753,260	57
90	52,160	3	1,183	4	792	13,341	10,661	214	1,966	500	19,409	16,912	2,497	120,017	58
32	21,079					2,976	2,144	5	827		12,509	9,522	2,987	56,250	59
49	27,721	10	2,750			24,181	8,245	128	3,338	12,470	17,222	15,848	1,374	132,443	60
137	111,794	47	16,885	3	656	40,594	12,177	448	27,529	440	60,532	58,707	1,825	343,200	61
34	21,676	1	416			7,661	2,680	46	940	3,995	4,624	4,362	262	49,522	62
10	6,100	37	12,290			6,213	2,800	263	3,150		51,815	51,135	680	96,984	63
112	67,152	188	51,416	1	220	35,556	15,158	1,372	16,526	2,500	423,092	422,289	803	753,300	64
32	16,400					23,639	4,126	3,677	15,836		239,327	237,523	1,804	305,630	65
12	2,854					940	480	100	60	300	662	342	320	7,476	66
81	45,006	15	4,150			13,151	7,167	724	5,260		553,645	551,827	1,818	725,785	67
62	31,780	28	10,128			50,042	18,352	2,461	29,229		388,518	385,904	2,614	767,430	68
10	4,850					4,805	2,230	225	2,350		63,878	62,788	1,090	85,094	69
140	84,153	59	19,181	2	563	306,194	17,797	3,356	284,741	300	386,043	374,796	11,247	1,162,415	70
4,646	2,631,071	29	9,973	5	824	696,010	182,065	50,632	395,427	67,886	3,712,975	3,591,112	121,863	9,371,928	71
44	16,946	66	14,850			6,925	4,555	370	2,000		350,329	347,185	3,144	466,110	72
79	69,090	127	66,322			29,269	16,799	471	8,874	3,125	236,702	236,180	522	567,299	73
130	81,300	87	29,966	7	1,092	33,331	9,500	884	16,047	6,900	198,987	196,267	2,720	395,688	74
65	27,763	325	118,347	1	176	53,346	9,441	1,264	42,641		504,495	502,352	2,143	812,634	75
575	365,971	138	55,952	4	702	97,015	61,316	2,587	24,752	8,360	703,695	699,371	4,324	1,619,143	76

TABLE 8.—MANUFACTURES IN CITIES

BOSTON—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
77	Furniture, factory product	50	$1,248,021	$36,500	$29,867	$134,625	$1,047,029	58	120	$140,003	1,032	$614,174
78	Galvanizing	3	19,160			3,560	15,600	3			11	7,116
79	Gas and lamp fixtures	8	240,666			101,200	139,466	11	26	21,500	153	95,994
80	Gas, illuminating and heating	6	18,813,511	2,316,933	4,701,372	10,141,232	1,653,974		158	168,557	513	308,591
81	Gas machines and meters	5	384,197			36,539	347,658		14	21,404	164	101,793
82	Glass, cutting, staining, and ornamenting.	15	92,728	600	2,200	14,899	75,029	22	17	12,542	97	65,284
83	Gloves and mittens	5	71,000			7,000	64,000	7	4	1,500	138	63,126
84	Gold and silver, leaf and foil	4	27,150			4,650	22,500	4	1	1,196	70	36,970
85	Grease and tallow	6	1,101,784	212,539	591,934	149,191	148,120	5	11	19,825	142	77,944
86	Hairwork	20	37,195			4,995	32,200	22	1	900	54	20,055
87	Hand stamps	10	21,714			9,937	11,777	12	5	2,332	26	13,510
88	Hardware	5	96,146			17,736	78,410	9	6	5,126	89	40,006
89	Hats and caps, not including fur hats and wool hats.	31	337,590			64,015	273,575	39	36	44,440	485	222,646
90	Hosiery and knit goods	9	134,765	200	1,300	53,815	79,450	5	19	17,396	442	110,380
91	House furnishing goods, not elsewhere specified.	4	5,740			500	5,240	2	10	970	15	6,049
92	Instruments, professional and scientific	9	61,073			14,599	46,474	7	10	8,700	39	22,809
93	Ironwork, architectural and ornamental.	11	278,040	45,600	20,000	52,950	159,490	12	20	23,637	272	162,051
94	Japanning	4	5,190			2,150	3,040	4			11	4,700
95	Jewelry	16	265,366			62,113	203,253	20	16	15,950	196	107,294
96	Jewelry and instrument cases	3	9,800	2,000	500	4,500	2,800	6			25	6,731
97	Lamps and reflectors	7	33,364			13,654	19,710	8	11	10,194	59	34,812
98	Lapidary work	3	23,100			4,900	18,200	2	6	3,070	17	10,300
99	Lead, bar, pipe, and sheet	3	910,179	200,000	135,000	141,182	433,997		28	39,850	93	60,858
100	Leather goods	6	48,679			18,751	29,928	6	5	5,650	93	28,929
101	Leather, tanned, curried, and finished	6	55,320	1,200	3,500	19,200	31,420	9	2	1,650	97	44,707
102	Liquors, malt	25	12,228,651	1,614,601	4,357,469	2,865,920	3,390,661	5	227	463,719	1,261	1,007,770
103	Lithographing and engraving	13	133,452			96,502	36,950	13	13	10,690	113	66,269
104	Lock and gun smithing	73	74,986		2,000	29,013	43,973	65	2	1,290	69	37,001
105	Looking-glass and picture frames	49	229,848	5,000	5,000	15,388	204,460	60	32	24,585	149	86,739
106	Lumber and timber products	3	402,500	62,000	77,500	45,000	218,000	7	11	12,000	92	51,028
107	Lumber, planing mill products, including sash, doors, and blinds.	32	1,118,221	83,847	61,900	138,780	833,694	38	51	60,462	588	349,782
108	Marble and stone work	31	1,528,199	457,790	235,050	284,342	551,017	46	51	52,089	784	463,496
109	Masonry, brick and stone	104	565,531	44,900	41,425	99,480	379,726	118	64	66,833	1,535	963,723
110	Mattresses and spring beds	17	263,147			31,454	231,693	18	67	53,556	360	156,446
111	Millinery and lace goods	18	151,232			30,578	120,654	21	30	22,010	319	152,499
112	Millinery, custom work	190	474,091	6,500	10,500	59,229	397,862	200	73	47,259	737	337,802
113	Mineral and soda waters	23	363,995	27,400	29,300	95,045	212,250	27	27	33,516	151	79,310
114	Mirrors	6	113,900	400	2,000	21,501	89,999	6	12	5,808	66	35,581
115	Models and patterns	27	64,846	1,100	1,650	25,025	37,071	33			100	65,762
116	Monuments and tombstones	13	139,698	19,150	13,711	30,283	76,549	14	4	3,180	66	40,382
117	Mucilage and paste	6	141,039	24,000	6,000	19,200	91,839	8	7	12,100	26	15,683
118	Musical instruments and materials, not specified.	18	116,833			16,650	100,183	21	8	8,050	148	85,014
119	Musical instruments, organs and materials.	4	111,738			9,251	102,487	6	9	6,600	112	86,621
120	Musical instruments, pianos and materials.	17	4,071,544	512,191	478,201	344,692	2,736,460	12	96	162,477	1,219	816,539
121	Oil, not elsewhere specified	1	212,584	25,000	40,000	34,369	113,215	8	13	11,517	50	29,565
122	Optical goods	21	85,355	1,500	7,500	17,000	59,355	27	12	8,474	59	35,910
123	Painting, house, sign, etc	333	537,473	29,700	36,378	120,594	350,801	389	63	41,035	1,690	1,045,084
124	Paints	9	284,538	7,000	11,000	48,075	218,463	9	28	34,948	69	37,454
125	Paper goods, not elsewhere specified	6	90,579			14,351	76,228	6	11	11,461	41	19,164
126	Paper hanging	26	72,192	200	100	1,872	70,020	32	4	2,904	129	91,701
127	Patent medicines and compounds	68	718,552	39,400	56,500	58,724	563,928	70	126	119,189	259	115,805
128	Paving and paving materials	9	314,058	1,400	6,000	52,504	254,154	12	28	43,138	349	206,155
129	Perfumery and cosmetics	8	53,970			3,570	50,400	8	3	3,124	31	17,340
130	Photographic materials	7	70,417	1,000	3,000	43,535	22,882	6	9	7,152	34	19,852
131	Photography	105	385,850	8,000	11,500	205,776	160,574	112	42	27,456	362	198,538
132	Photolithographing and photoengraving.	15	134,026			45,725	88,301	17	32	22,266	225	147,587
133	Pickles, preserves, and sauces	14	445,050			49,400	395,650	11	69	52,939	159	71,529
134	Pipes, tobacco	4	78,200			6,900	71,300	6			41	30,462
135	Plastering and stuccowork	32	287,874	20,000	55,000	54,570	158,304	48	25	24,830	321	197,204
136	Plumbers' supplies	4	191,100			29,000	162,100		18	25,554	91	49,205
137	Plumbing, and gas and steam fitting	310	1,174,430	50,429	56,325	134,270	933,406	366	139	96,737	1,729	1,089,438
138	Pottery, terra cotta, and fire-clay products.	7	315,894	67,000	71,100	18,365	159,429	6	20	13,063	155	67,435
139	Printing and publishing, book and job	280	5,870,499	206,900	75,900	2,079,791	3,507,908	303	708	582,807	3,077	1,663,282
140	Printing and publishing, music	9	294,835			138,142	156,693	6	45	43,137	160	86,251
141	Printing and publishing, newspapers and periodicals.	129	5,303,722	546,560	301,310	1,441,894	3,013,958	87	1,470	1,454,617	2,314	1,972,642
142	Refrigerators	9	139,709	19,500	26,100	17,350	76,759	16	7	5,912	92	52,587
143	Regalia and society banners and emblems.	9	17,072			5,262	11,810	12			19	8,323
144	Roofing and roofing materials	50	325,589	25,221	18,355	47,490	234,523	55	30	26,736	356	195,737
145	Rubber and elastic goods	20	2,373,889	119,620	119,000	178,402	1,956,867	23	104	160,196	2,278	531,154
146	Saddlery and harness	81	488,027	8,100	3,550	126,195	350,182	88	20	26,933	222	133,185

BY SPECIFIED INDUSTRIES: 1900—Continued.

BOSTON—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
952	$583,018	79	$31,032	1	$124	$795,491	$74,318	$8,866	$98,687	$613,620	$993,228	$973,597	$19,631	$2,849,734	77
11	7,116					2,033	680	37	1,316		13,718	12,878	840	32,150	78
146	93,894	2	1,050	5	1,050	36,694	10,880	864	24,950		115,935	112,559	3,376	322,364	79
510	306,719	3	1,872			553,754		155,193	398,561		781,270	727,369	53,901	2,729,210	80
158	99,828	3	1,248	3	717	19,866	7,460	628	11,778		119,151	116,884	2,267	282,307	81
93	64,028	4	1,256			22,167	14,098	635	7,434		41,143	39,372	1,771	197,765	82
47	34,163	91	28,963			5,142	2,730	260	1,152	1,000	101,390	100,655	735	230,260	83
37	23,320	32	13,500	1	150	2,085	1,500	33	552		57,346	57,009	337	108,850	84
142	77,944					48,412	180	6,068	42,164		338,859	324,869	13,990	575,779	85
5	3,050	48	16,875	1	130	14,992	12,659	146	2,187		22,979	22,890	89	100,150	86
23	12,690	1	520	2	300	5,973	3,806	48	1,230	889	6,785	6,421	364	43,942	87
73	36,184	2	762	14	3,060	11,255	6,130	446	4,669	10	55,276	52,595	2,681	123,014	88
243	151,323	238	70,491	4	832	57,706	24,324	2,374	29,908	1,100	446,862	440,909	5,953	1,028,920	89
21	10,827	363	88,002	58	11,551	18,920	6,767	657	6,996	4,500	107,142	105,339	1,803	283,816	90
5	2,583	9	3,166	1	300	1,785	880	30	875		15,300	15,150	150	32,362	91
35	21,049	4	1,760			16,649	4,998	406	5,045	6,200	47,113	46,611	502	158,219	92
272	162,051					29,705	9,313	2,360	6,982	11,050	347,634	340,261	7,373	666,273	93
11	4,700					2,207	2,000	25	182		1,717	1,361	356	13,319	94
148	95,430	47	11,664	1	200	32,359	13,714	2,219	9,251	7,175	200,186	199,113	1,073	463,590	95
10	3,492	15	3,239			1,406	504	65	837		6,410	6,110	300	20,178	96
53	32,658	6	2,154			10,265	4,152	320	5,793		27,657	26,811	846	101,461	97
17	10,300					3,651	1,350	25	1,276	1,000	26,677	26,277	400	50,460	98
93	60,858					47,862	150	11,666	36,046		785,526	776,687	8,839	970,429	99
46	17,795	47	11,134			4,957	3,232	175	1,550		68,870	67,357	1,513	130,500	100
97	44,707					7,340	4,550	262	2,528		166,753	162,508	4,245	227,401	101
1,251	1,003,785	10	3,985			3,173,536		87,042	3,085,496	998	1,796,230	1,645,551	150,679	7,518,668	102
98	60,785	14	5,316	1	168	16,857	10,175	351	6,131	200	58,834	56,567	2,267	209,896	103
66	36,321	2	488	1	192	21,389	16,956	212	3,641	580	38,916	36,416	2,500	159,959	104
147	85,576	2	1,163			39,709	28,350	2,676	8,433	250	218,724	216,949	1,775	484,304	105
92	51,028					10,848		3,467	7,381		188,411	187,211	1,200	322,180	106
587	349,442			1	340	79,733	24,790	8,426	46,017	500	939,249	926,614	12,635	1,667,127	107
784	463,496					73,961	17,066	7,574	49,221	100	483,828	464,073	19,755	1,327,828	108
1,534	963,523			1	200	1,170,912	15,478	2,340	68,849	1,084,245	2,376,013	2,371,468	4,545	4,976,230	109
234	116,562	126	39,884			81,591	42,280	1,644	37,667		608,549	600,908	7,641	1,037,811	110
55	47,301	263	104,978	1	220	23,947	14,493	264	9,190		369,219	367,463	1,756	716,000	111
32	22,215	690	312,897	15	2,690	143,415	123,776	2,042	17,597		784,400	781,101	3,299	1,748,048	112
151	79,310					110,442	15,520	3,487	89,835	1,600	159,635	155,082	4,553	476,678	113
66	35,581					5,222	2,596	67	2,559		92,818	89,978	2,840	186,967	114
98	64,762	2	1,000			14,015	9,375	233	3,657	750	23,451	21,085	2,366	154,457	115
66	40,382					6,689	2,215	959	2,837	678	43,391	41,869	1,522	123,790	116
24	15,283	2	400			10,402	4,650	702	5,050		227,497	223,972	3,525	321,250	117
145	84,390	3	624			16,723	8,110	239	8,374		80,605	78,153	2,452	237,258	118
109	85,550	3	1,071			10,226	5,000	340	4,886		41,613	39,186	2,427	197,928	119
1,168	799,228	51	17,311			299,600	26,835	18,058	197,707	57,000	897,353	879,794	17,559	2,641,523	120
50	29,565					31,711	3,489	1,002	27,220		648,266	645,044	3,222	845,144	121
55	34,839	3	850	1	221	17,019	10,644	240	5,315	820	107,221	105,262	1,959	232,318	122
1,682	1,042,816	4	1,412	4	856	111,216	60,678	1,815	29,597	19,126	564,416	561,554	2,862	2,352,789	123
63	35,438	6	2,016			35,906	11,910	1,265	22,731		311,103	304,798	6,305	476,778	124
28	16,028	13	3,136			18,250	4,459	331	12,960	500	81,605	80,918	687	155,281	125
128	91,358	1	343			18,602	7,389	217	8,496	2,500	112,599	112,444	155	265,603	126
140	74,798	119	41,007			499,441	28,772	6,860	460,609	3,200	802,352	796,470	5,882	1,980,191	127
349	206,155					47,496	4,897	1,468	27,070	14,061	220,820	216,654	4,166	626,306	128
13	10,370	17	6,790	1	180	20,475	3,854	140	16,481		74,905	74,598	307	148,393	129
28	18,540	3	1,000	3	312	7,554	2,482	187	4,885		25,900	23,726	2,174	77,983	130
225	139,724	133	58,125	4	689	92,239	51,893	4,324	34,892	1,130	230,961	228,412	2,549	785,233	131
189	136,987	34	10,250	2	350	30,530	14,325	513	15,342	350	66,937	62,975	3,962	390,744	132
80	51,280	78	20,099	1	150	26,636	14,608	1,470	10,558		578,087	570,089	7,998	881,796	133
36	29,012	5	1,450			4,457	1,940	264	2,253		45,931	45,080	851	129,500	134
319	196,632	2	572			27,400	10,185	1,004	11,238	4,973	150,070	147,989	2,081	515,087	135
89	48,789			2	416	22,530	4,450	1,185	16,895		71,775	69,355	2,420	202,200	136
1,721	1,087,836			8	1,602	152,458	85,777	3,911	55,272	7,498	2,236,820	2,221,205	15,615	4,423,141	137
137	62,388	18	5,047			36,456	1,951	2,950	26,760	4,795	48,758	33,633	15,125	196,540	138
2,232	1,331,923	757	318,339	88	13,020	1,723,336	231,007	33,523	415,893	1,042,913	1,752,274	1,691,332	60,942	8,183,215	139
100	57,351	60	28,900			109,562	14,717	2,943	60,142	31,760	92,043	90,124	1,919	407,634	140
1,736	1,720,831	542	244,170	36	7,641	2,380,621	184,773	64,344	1,493,916	637,588	2,051,233	1,994,527	56,706	10,490,646	141
92	52,587					11,869	2,205	1,244	7,215	1,205	69,608	67,942	1,666	222,301	142
6	3,016	12	5,157	1	150	4,718	3,180	116	722	700	22,094	22,013	81	52,225	143
356	195,737					74,132	15,240	1,739	15,011	42,142	326,112	321,633	4,479	807,592	144
789	384,862	483	145,197	6	1,095	189,429	15,330	36,120	132,679	5,300	1,861,679	1,835,491	26,188	3,139,783	145
216	131,510	6	1,675			38,076	27,719	1,152	5,205	4,000	157,657	155,305	2,352	497,508	146

TABLE 8.—MANUFACTURES IN CITIES

BOSTON—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
147	Sausage	7	$37,639	$3,900	$10,500	$17,525	$5,714	9	3	$1,300	25	$12,988
148	Scales and balances	4	29,991			10,028	19,963	4	3	4,756	37	28,504
149	Screws, machine	3	43,032			32,232	10,800	1	4	3,820	51	24,393
150	Sewing machine repairing	5	4,775			2,300	2,475	6			4	2,420
151	Ship and boat building, wooden	30	643,760	129,777	44,781	114,195	355,007	34	26	20,510	653	415,417
152	Shirts	14	118,826			8,525	110,301	15	7	4,170	204	71,180
153	Show cases	7	15,674			1,932	13,742	10			27	17,877
154	Silk and silk goods	4	37,877			12,900	24,977	4	8	9,450	111	27,188
155	Slaughtering, wholesale, not including meat packing.	5	28,915			1,625	27,290	8	3	2,548	21	16,270
156	Soap and candles	13	347,810	35,900	75,500	75,954	160,456	13	23	25,058	126	62,698
157	Soda water apparatus	4	2,486,201		29,250	389,394	2,067,557	2	65	59,914	310	233,154
158	Sporting goods	3	4,300			750	3,550	4	1	750	7	3,236
159	Stamped ware	4	109,474	30,000	20,000	40,546	18,928	6	4	5,248	140	51,086
160	Stationery goods, not elsewhere specified.	4	49,378	1,000	1,200	7,425	39,753	3	2	1,500	10	4,921
161	Steam fittings and heating apparatus	20	1,718,914	80,331	274,772	449,981	913,830	17	130	183,141	1,365	830,685
162	Steam packing	4	14,779			10,560	4,219	3	6	6,200	27	17,010
163	Stencils and brands	10	19,605			12,050	7,555	11	2	798	26	13,102
164	Stereotyping and electrotyping	8	261,547			117,254	144,293	11	44	39,205	277	175,233
165	Sugar and molasses, refining	3	13,346,859	1,492,716	953,229	2,300,949	8,599,965	2	45	86,957	483	269,409
166	Surgical appliances	15	71,693			28,554	43,139	21	11	9,786	115	50,082
167	Taxidermy	4	15,035			230	14,805	5	2	974	12	6,229
168	Tinsmithing, coppersmithing, and sheet-iron working.	138	1,369,727	53,967	58,567	246,103	1,011,090	157	126	119,776	1,228	705,060
169	Tobacco, cigars and cigarettes	107	1,304,711	22,200	47,300	45,511	1,189,700	130	83	104,151	1,780	1,207,351
170	Tools, not elsewhere specified	11	368,063	10,000	23,646	148,967	185,450	12	17	15,203	164	84,210
171	Toys and games	3	3,000			700	2,300	4			2	614
172	Trunks and valises	11	119,989		5,000	12,400	102,589	17	13	11,097	115	57,972
173	Type founding	3	220,500			137,000	83,500	3	20	22,278	189	102,481
174	Typewriter repairing	5	12,793			986	11,807	2	4	520	13	7,875
175	Umbrellas and canes	9	71,900			8,100	63,800	9	23	16,940	74	32,604
176	Upholstering materials	8	14,000			4,000	10,000	4	3	2,000	41	11,855
177	Varnish	7	160,047		2,000	22,632	135,415	5	22	22,931	23	14,376
178	Watch, clock, and jewelry repairing	201	190,707	1,500	1,500	59,075	128,632	210	8	1,372	200	127,961
179	Window shades	12	22,265			3,190	19,075	11	1	390	48	32,341
180	Wirework, including wire rope and cable.	9	41,204			7,699	33,505	10	5	1,528	63	32,171
181	Wood, turned and carved	28	183,340	6,000	17,075	35,955	124,310	31	15	14,600	102	59,050
182	All other industries[1]	90	12,168,668	816,748	1,318,735	2,148,279	7,884,906	89	360	451,643	3,365	1,628,956

[1] Embraces agricultural implements, 1; artificial feathers and flowers, 2; artists' materials, 1; babbitt metal and solder, 2; belting and hose, linen, 1; belting and hose, rubber, 1; bluing, 2; boxes, cigar, 2; brick and tile, 1; card cutting and designing, 2; carpets and rugs, other than rag, 1; carriages and sleds, children's, 1; cars, steam railroad, not including operations of railroad companies, 1; cheese, butter, and condensed milk, factory product, 2; chocolate and cocoa products, 2; cordage and twine, 1; cotton waste, 1; drug grinding, 1; dyeing and finishing textiles, 2; firearms, 1; flags and banners, 2; furs, dressed, 1; glue, 2; grindstones, 1; hand knit goods, 1; hat and cap materials, 1; ink, printing, 1; ink, writing, 2; iron and steel, bolts, nuts, washers, and rivets, 2; iron and steel forgings, 2; iron and steel, nails and spikes, cut and wrought, including wire nails, 2; ivory and bone work, 2; kaolin and other earth grinding, 2; kindling wood, 2; labels and tags, 1;

BROCKTON.

1	All industries	428	$10,193,688	$447,562	$766,755	$1,585,551	$7,393,820	494	631	$654,785	10,986	$6,166,462
2	Bicycle and tricycle repairing	15	10,035		200	5,585	4,250	18			8	4,806
3	Blacking	4	21,447	546	2,000	2,509	16,392	6	1	240	16	6,330
4	Blacksmithing and wheelwrighting	20	67,153	33,050	15,290	5,225	13,588	20	3	3,028	34	21,050
5	Boot and shoe cut stock	10	224,687	14,400	9,600	23,398	177,289	12	11	6,443	193	74,180
6	Boot and shoe findings	18	562,003	41,700	64,117	54,251	401,935	19	38	28,231	430	198,283
7	Boots and shoes, custom work and repairing.	15	4,555			2,740	1,815	15			7	2,918
8	Boots and shoes, factory product	52	6,245,591	154,550	365,170	659,375	5,066,496	58	363	447,573	8,498	4,856,509
9	Boxes, fancy and paper	4	136,920	19,300	21,800	26,500	69,320	6	13	10,500	180	75,962
10	Bread and other bakery products	11	47,345	11,400	15,200	6,070	14,675	11	30	16,400	37	24,481
11	Carpentering	29	132,805	5,440	7,250	13,360	106,755	38	2	382	182	111,462
12	Carriages and wagons	9	20,086			3,180	16,906	14			15	9,251
13	Clothing, men's, custom work and repairing.	20	29,705			2,835	26,870	22	1	600	72	40,721
14	Clothing, women's, dressmaking	17	5,293	125	810	1,790	2,568	17			31	9,503
15	Confectionery	5	119,094	27,233	19,967	24,490	47,404	5	29	19,915	75	22,645
16	Cutlery and edge tools	7	23,550		300	11,000	12,250	9	1	720	29	18,062
17	Electrical construction and repairs	3	8,491		300	2,300	5,891	5	2	1,300	11	6,045
18	Flouring and grist mill products	3	22,000	3,500	4,500	5,500	8,500	4	5	425	5	2,336
19	Foundry and machine shop products	16	280,097	39,800	37,200	65,750	137,347	22	15	16,098	125	87,000
20	Furniture, cabinetmaking, repairing, and upholstering.	4	1,015			515	500	4			5	4,044
21	Iron and steel, nails and spikes, cut and wrought, including wire nails.	4	97,679	2,864	23,449	45,423	25,943	5	4	2,914	59	26,762
22	Lasts	3	257,603	19,721	67,325	34,296	136,261	4	11	15,004	124	87,609
23	Masonry, brick and stone	14	35,965	3,500	2,845	6,590	23,030	15	1	300	46	29,556
24	Millinery, custom work	21	36,780			845	35,935	22			34	11,527
25	Models and patterns	5	6,808			2,731	4,077	7	3	1,940	15	8,512
26	Painting, house, sign, etc	31	99,601	4,133	6,487	6,312	82,669	42	5	2,893	115	70,585

BY SPECIFIED INDUSTRIES: 1900—Continued.

BOSTON—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
24	$12,832	1	$156			$6,973	$5,085	$173	$1,715		$49,755	$47,541	$2,214	$99,892	147
36	28,088	1	416			4,420	3,538	84	798		12,783	11,910	873	55,717	148
41	22,818	10	1,575			4,536	2,584	217	1,735		26,797	25,805	992	63,741	149
4	2,420					1,469	876		593		3,939	3,900	39	13,320	150
653	415,417					102,144	13,945	3,310	31,064	$53,825	451,779	443,015	8,764	1,120,763	151
11	7,363	192	63,617	1	$200	53,523	13,110	417	4,738	35,258	246,478	245,398	1,080	459,602	152
27	17,877					5,489	4,420	80	761	228	17,608	16,786	822	61,971	153
17	6,881	91	19,949	3	358	7,083	3,142	121	2,820	1,000	31,030	30,292	738	83,407	154
21	16,270					9,235	4,320	190	4,725		896,855	896,855		988,010	155
122	61,762			4	936	18,630	1,927	2,727	13,976		366,538	355,044	11,494	511,664	156
302	230,814	8	2,340			245,528	48,963	16,645	179,920		296,923	290,333	6,590	1,156,685	157
6	3,020	1	216			2,850	1,590		700	560	9,712	9,700	12	20,000	158
87	40,269	51	10,401	2	416	9,172	3,700	269	5,203		41,568	39,888	1,680	139,328	159
8	4,021	2	900			5,847	2,078	25	3,744		2,698	2,145	553	29,190	160
1,358	828,841	7	1,844			161,416	25,984	11,381	100,351	23,700	1,143,827	1,112,988	30,839	2,876,327	161
27	17,010					6,741	2,036		4,705		19,780	19,508	272	113,250	162
25	12,702	1	400			5,753	4,244	59	850	600	4,538	4,348	190	35,550	163
262	169,574	15	5,659			48,022	19,573	1,208	20,543	6,698	88,506	78,011	10,495	443,096	164
463	265,214	20	4,195			277,505	200	23,194	254,111		15,281,923	15,180,124	101,799	15,746,547	165
71	36,242	42	13,612	2	228	16,987	10,840	560	4,437	1,150	44,296	42,196	2,100	166,189	166
12	6,229					2,216	1,036	25	1,155		2,758	2,745	13	21,300	167
1,189	692,249	39	12,811			179,999	86,167	8,881	65,759	19,192	1,097,326	1,077,340	19,986	2,604,531	168
1,368	1,022,561	409	184,137	3	653	364,558	40,452	6,172	317,934		1,224,424	1,220,570	3,854	3,504,603	169
123	76,722	41	7,488			49,157	3,548	1,075	34,517	10,017	131,035	121,298	9,737	372,447	170
2	614					1,535	1,180	21	334		1,576	1,450	126	4,600	171
101	53,716	13	3,956	1	300	16,332	10,330	308	5,694		136,899	135,769	1,130	292,392	172
121	72,798	68	29,683			24,133	7,685	789	15,659		85,211	78,465	6,746	306,544	173
13	7,875					2,343	1,330	3	910	100	3,549	3,549		15,591	174
25	14,454	49	18,150			7,977	2,730	114	5,133		158,275	157,405	870	259,320	175
3	878	38	10,977			2,727	1,700	53	974		29,040	28,690	350	65,500	176
22	13,976	1	400			16,613	4,810	1,183	10,620		128,906	127,186	1,720	241,987	177
190	125,719	7	1,984	3	258	84,985	46,309	679	10,454	27,543	82,098	80,059	2,039	493,672	178
41	29,774	7	2,567			5,339	4,221	22	896	200	81,308	80,890	418	143,869	179
55	29,184	4	1,840	4	1,147	7,636	4,550	39	2,847	200	23,621	22,752	869	82,998	180
102	59,050					15,277	5,927	987	8,363		75,490	71,348	4,142	203,357	181
2,087	1,248,371	1,199	364,337	79	16,248	1,311,173	73,930	100,772	1,105,275	31,196	8,107,421	7,945,378	162,043	13,135,658	182

lime and cement, 2; linen goods, 1; liquors, distilled, 2; nets and seines, 1; oil, castor, 1; paper and wood pulp, 1; paper hangings, 2; pens, fountain and stylographic, 1; photographic apparatus, 1; printing materials, 2; pulp goods, 1; registers, cash, 2; rules, ivory and wood, 1; sewing machine attachments, 2; shipbuilding, iron and steel, 2; shoddy, 1; silversmithing, 1; silverware, 1; slaughtering and meat packing, wholesale, 1; smelting and refining, not from the ore, 2; springs, steel, car and carriage, 2; starch, 2; typewriters and supplies, 1; vinegar and cider, 1; watch cases, 1; whips, 2; woodenware, not elsewhere specified, 1.

BROCKTON.

8,161	$4,954,968	2,754	$1,195,231	71	$16,263	$1,189,168	$115,447	$57,927	$903,665	$112,129	$15,980,653	$15,876,063	$104,590	$26,384,881	1
8	4,806					3,180	2,428	92	660		10,463	9,924	539	27,765	2
6	3,930	10	2,400			3,302	336	46	2,920		29,356	29,267	89	75,193	3
34	21,050					4,160	1,935	695	836	694	15,680	14,428	1,252	67,621	4
154	64,303	33	8,734	6	1,143	7,731	1,835	1,102	4,794		643,445	640,464	2,981	801,471	5
270	141,893	158	56,046	2	344	55,868	8,241	2,385	45,242		994,795	989,115	5,680	1,422,408	6
7	2,918					2,128	1,921	12	195		5,569	5,439	130	16,685	7
6,291	3,861,236	2,153	982,380	54	12,893	786,983	33,003	35,072	691,939	26,969	12,499,609	12,447,102	52,507	19,844,397	8
37	22,735	137	51,884	6	1,343	15,603	2,300	1,573	11,730		112,897	110,002	2,895	265,525	9
34	24,114	3	367			18,294	2,274	615	15,405		81,944	79,754	2,190	190,361	10
182	111,462					85,094	1,550	324	2,564	80,656	218,452	217,777	675	485,068	11
15	9,251					2,351	1,963	75	163	150	15,895	15,426	469	41,805	12
47	31,498	25	9,223			9,406	5,654	187	1,905	1,660	46,718	46,528	190	128,629	13
		31	9,503			2,544	2,271	15	258		2,542	2,522	20	26,045	14
51	16,920	24	5,725			7,933	1,786	1,452	4,695		142,279	138,844	3,435	220,241	15
28	17,862	1	200			4,023	2,293	177	1,553		11,432	10,350	1,082	51,677	16
11	6,045					1,793	625	34	1,134		15,434	15,434		31,964	17
5	2,336					1,267	485	280	502		51,063	50,063	1,000	60,169	18
125	87,000					11,735	4,670	2,143	4,922		56,247	50,102	6,145	250,077	19
5	4,044					743	600	6	137		3,892	3,812	80	12,300	20
48	21,276	11	5,486			2,836	900	811	1,125		62,125	58,985	3,140	136,979	21
124	87,609					21,585		1,746	19,839		89,983	85,976	4,007	292,349	22
46	29,556					2,676	132	154	1,690	700	25,798	25,788	10	79,510	23
		34	11,527			11,335	8,124	239	2,972		66,250	66,167	83	119,655	24
15	8,512					3,874	1,222	40	2,612		3,119	3,034	85	28,421	25
115	70,585					8,510	4,066	619	3,825		63,146	62,870	276	188,059	26

TABLE 8.—MANUFACTURES IN CITIES

BROCKTON—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
27	Photography	4	$9,200			$4,800	$4,400	4	1	$450	9	$4,395
28	Plumbing, and gas and steam fitting	14	66,088	$100	$4,200	6,950	54,838	17	10	5,796	84	41,443
29	Printing and publishing, book and job	9	100,140			50,400	49,740	11	8	6,750	78	44,707
30	Roofing and roofing materials	3	4,575	200	500	500	3,375	3			7	4,664
31	Rubber and elastic goods	4	903,509	9,500	52,000	167,001	675,008	1	36	34,010	236	120,768
32	Saddlery and harness	5	6,800			825	5,975	5			5	3,398
33	Tinsmithing, coppersmithing, and sheet-iron working.	3	3,150			750	2,400	4	1	364	4	2,525
34	Tools, not elsewhere specified	4	45,000	2,500	6,000	7,511	28,989	5	3	2,040	29	19,369
35	Watch, clock, and jewelry repairing	9	6,185			2,785	3,400	10			17	9,787
36	All other industries[1]	33	552,733	54,000	40,245	331,459	127,029	34	31	30,469	171	105,267

[1] Embraces boot and shoe uppers, 1; boxes, wooden packing, 2; clothing, men's, factory product, 1; coffins, burial cases, and undertakers' goods, 1; corsets, 1; dyeing and cleaning, 2; electroplating, 1; fancy articles, not elsewhere specified, 1; flavoring extracts, 1; gas, illuminating and heating, 1; hand stamps, 1; ink, writing, 1; iron and steel, bolts, nuts, washers, and rivets, 1; liquors, malt, 1; lock and gun smithing, 1; looking-glass and picture frames, 1; lumber, planing mill

CAMBRIDGE.

1	All industries	782	$26,662,751	$1,951,228	$3,799,781	$5,995,583	$14,916,159	884	1,095	$1,160,805	12,986	$6,785,070
2	Bicycle and tricycle repairing	17	32,462	3,000	12,000	6,320	11,142	19	4	2,630	31	17,060
3	Blacksmithing and wheelwrighting	38	55,570	13,750	13,450	8,890	19,480	42	3	2,180	77	51,458
4	Bookbinding and blank book making	5	165,728	18,000	39,200	62,117	46,411	7	14	14,216	289	142,400
5	Boots and shoes, custom work and repairing.	66	11,968	500	600	5,897	4,971	64			22	12,236
6	Bread and other bakery products	32	87,612	11,600	24,650	10,986	40,376	37	50	17,474	138	84,824
7	Brick and tile	5	522,978	193,776	95,999	88,571	144,632	9	9	9,250	184	84,694
8	Carpentering	83	374,505	34,600	40,800	48,204	250,901	96	10	8,260	590	407,814
9	Carriages and wagons	25	256,122	45,200	47,000	18,565	145,357	32	7	6,084	180	105,892
10	Clothing, men's, custom work and repairing.	46	70,533	1,300	1,800	7,088	60,345	46	4	3,600	123	60,874
11	Clothing, women's, dressmaking	15	6,135			1,330	4,805	18			24	6,198
12	Confectionery	18	339,656	18,500	68,950	77,275	174,931	17	60	55,755	441	128,475
13	Cooperage	6	116,093	31,000	24,000	8,525	52,568	4	4	4,040	79	45,804
14	Dyeing and cleaning	5	6,890	250	1,250	1,900	3,490	7			19	9,748
15	Electrical construction and repairs	3	15,450			175	15,275	4	1	300	18	8,860
16	Food preparations	4	5,500			350	5,150	6	8	4,300	4	1,656
17	Foundry and machine shop products	18	4,677,412	237,600	658,967	1,510,889	2,269,956	21	97	102,390	1,591	1,019,117
18	Furniture, cabinetmaking, repairing, and upholstering.	20	25,075	300	500	4,335	19,940	26			48	32,123
19	Furniture, factory product	10	552,622	48,300	182,000	41,539	280,783	14	31	50,549	435	310,399
20	Grease and tallow	3	129,371	8,224	26,361	17,509	77,277	3	3	2,258	58	36,652
21	Ironwork, architectural and ornamental.	3	468,712	64,223	48,762	85,132	270,595	2	19	22,378	285	186,718
22	Lock and gun smithing	3	4,050			850	3,200	3	1	260	2	1,500
23	Lumber, planing mill products, including sash, doors, and blinds.	6	114,962	3,000	6,800	20,502	84,660	6	8	9,467	107	63,282
24	Marble and stone work	12	300,501	36,500	32,300	65,925	165,776	17	8	10,306	233	153,262
25	Masonry, brick and stone	25	74,050	14,750	10,775	13,750	34,775	26	5	2,903	127	98,942
26	Millinery, custom work	10	14,907			615	14,292	10	2	519	24	7,923
27	Monuments and tombstones	5	63,400	16,000	6,000	3,200	38,200	6	3	2,000	31	18,003
28	Musical instruments, pianos and materials.	6	1,043,260	32,000	201,763	71,351	738,146	7	29	31,600	733	325,135
29	Painting, house, sign, etc	60	82,205	11,300	7,650	11,780	51,475	66	3	1,945	212	117,213
30	Paper hanging	13	4,193			886	3,307	13	1	520	17	10,050
31	Patent medicines and compounds	4	236,326	21,050	18,700	21,290	175,286	3	4	5,160	174	44,092
32	Photography	5	5,100		300	3,100	1,700	7			4	2,075
33	Plastering and stuccowork	13	26,995	2,500	1,800	3,640	19,055	19			93	72,136
34	Plumbing, and gas and steam fitting	43	142,484			19,727	122,757	53	17	8,643	215	122,518
35	Printing and publishing, book and job	17	961,932	56,000	286,919	341,137	277,876	30	84	54,371	873	468,527
36	Printing and publishing, newspapers and periodicals.	9	2,091,484			1,134,681	956,803	8	132	143,055	602	330,660
37	Roofing and roofing materials	8	64,207	1,350	9,400	14,225	39,232	7	11	6,760	37	20,363
38	Saddlery and harness	12	6,740			1,565	5,175	12			15	9,030
39	Sausage	3	19,150	2,000	12,000	4,050	1,100	4			11	5,830
40	Soap and candles	5	698,164	107,889	110,123	96,590	383,562	6	73	68,691	152	68,484
41	Tinsmithing, coppersmithing, and sheet-iron working.	11	241,850	25,400	39,800	49,825	126,825	13	6	9,240	164	74,109
42	Tobacco, cigars and cigarettes	5	8,162			225	7,937	7	1	1,100	24	15,690
43	Watch, clock, and jewelry repairing	13	8,060			3,250	4,810	15			12	7,068
44	Wood, turned and carved	4	50,465	12,400	13,100	2,500	22,465	4	3	3,652	20	11,208
45	All other industries[1]	68	12,479,710	878,966	1,756,062	2,105,322	7,739,360	68	380	494,949	4,468	2,084,968

[1] Embraces babbitt metal and solder, 1; belting and hose, linen, 1; belting and hose, rubber, 1; bluing, 1; boots and shoes, rubber, 1; bottling, 1; boxes, fancy and paper, 2; boxes, wooden packing, 1; brass castings and brass finishing, 2; brassware, 1; brooms and brushes, 2; cheese, butter, and condensed milk, factory product, 1; cleansing and polishing preparations, 1; clothing, men's, factory product, 2; clothing, women's, factory product, 1; coffins, burial cases, and undertakers' goods, 1; collars and cuffs, paper, 1; electrical apparatus and supplies, 1; electroplating, 1; flavoring extracts, 2; fur goods, 1; gas and lamp fixtures, 1; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; hand knit goods, 1; hardware, 1; instruments, professional and scientific, 1;

BY SPECIFIED INDUSTRIES: 1900—Continued.

BROCKTON—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
5	$2,375	4	$2,020			$3,879	$1,708	$80	$791	$1,300	$4,872	$4,767	$105	$19,977	27
84	41,443					6,301	3,833	423	2,045		123,449	122,727	722	204,289	28
71	42,667	4	1,500	1	$540	13,427	3,948	324	9,155		71,243	70,033	1,210	180,390	29
7	4,664					359	204	29	126		17,228	17,203	25	26,085	30
136	81,352	100	39,416			39,853	150	2,321	37,382		304,842	296,061	8,781	538,838	31
5	3,398					1,450	1,308	46	96		3,474	3,378	96	12,163	32
4	2,525					463	361	17	85		4,343	4,304	39	13,600	33
29	19,369					2,042	280	445	1,317		16,844	15,449	1,395	63,740	34
17	9,787					2,658	2,116	25	517		2,790	2,740	50	20,536	35
145	96,447	26	8,820			43,782	10,925	4,323	28,534		163,435	160,228	3,207	440,889	36

products, including sash, doors, and blinds, 2; marble and stone work, 1; mineral and soda waters, 1; monuments and tombstones, 1; mucilage and paste, 1; patent medicines and compounds, 1; paving and paving materials, 2; plastering and stuccowork, 1; printing and publishing, newspapers and periodicals, 2; sporting goods, 1; stencils and brands, 1; tobacco, cigars and cigarettes, 1.

CAMBRIDGE.

9,894	$5,864,500	3,028	$906,619	64	$13,951	$2,229,106	$226,463	$202,576	$1,471,814	$328,253	$23,986,638	$23,634,781	$351,857	$39,164,013	1
29	16,604	1	300	1	156	5,985	3,230	319	2,436		17,718	17,361	357	64,769	2
77	51,458					8,037	5,315	618	2,104		38,357	36,327	2,030	145,000	3
120	85,494	164	55,696	5	1,210	22,594	1,080	1,031	20,283	200	90,300	88,208	2,092	299,490	4
22	12,236					8,758	7,291	101	1,356	10	21,080	20,783	297	76,116	5
127	82,168	9	2,352	2	304	30,666	11,850	1,495	17,321		264,179	258,588	5,591	485,761	6
184	84,694					14,417	50	5,331	9,036		78,981	14,223	64,758	226,482	7
590	407,814					329,505	9,375	2,116	20,946	297,068	671,027	667,633	3,394	1,659,937	8
180	105,892					19,834	10,956	2,278	6,560	40	114,703	110,772	3,931	311,914	9
77	44,744	44	15,924	2	206	19,307	11,577	532	5,048	2,150	74,264	73,617	647	208,474	10
		24	6,198			2,662	2,232	5	425		7,173	6,967	206	25,772	11
156	59,458	285	69,017			28,559	6,385	3,587	18,587		500,961	492,011	8,950	930,046	12
79	45,801					7,422	900	1,802	4,720		137,863	136,145	1,718	211,327	13
14	8,060	5	1,688			1,729	922	45	612	150	2,293	2,060	233	19,884	14
17	8,600	1	260			1,551	756	27	768		12,600	12,590	10	32,500	15
4	1,656					3,212	965	167	2,080		10,810	10,440	370	26,255	16
1,581	1,016,988	2	440	8	1,689	203,268	14,751	24,665	163,852		1,524,785	1,492,265	32,520	3,503,036	17
43	30,873	5	1,250			4,970	3,249	120	1,351	250	22,105	21,362	743	78,129	18
423	305,230	8	4,369	4	800	50,961	17,792	5,637	27,532		220,084	213,054	7,030	692,245	19
58	36,652					15,119	2,580	1,196	11,343		187,880	181,508	6,372	294,154	20
285	136,718					23,500	1,400	1,086	21,014		353,910	349,765	4,145	594,473	21
2	1,500					1,090	576	6	508		2,685	2,660	25	7,100	22
107	63,282					12,222	3,660	1,307	7,005	250	129,903	126,299	3,604	234,885	23
232	152,942			1	320	15,453	3,672	2,865	8,916		182,842	179,027	3,815	448,558	24
127	98,942					12,229	518	636	5,075	6,000	84,492	84,396	96	249,386	25
1	404	22	7,347	1	172	3,946	3,249	47	650		17,744	17,649	95	40,593	26
31	18,003					3,234	488	642	2,104		17,374	17,141	233	55,787	27
611	296,235	122	28,900			25,069	4,530	5,409	15,130		550,555	549,057	1,498	1,168,662	28
210	116,501	2	712			12,055	5,799	553	5,653	50	75,878	75,771	107	281,682	29
17	10,050					1,220	910	17	293		9,515	9,495	20	33,150	30
56	22,270	115	21,372	3	450	15,086	180	1,345	13,561		125,593	123,727	1,866	205,875	31
1	1,155	3	920			1,809	1,180	71	558		5,063	5,010	53	15,680	32
93	72,136					12,402	447	134	1,821	10,000	42,732	42,332	400	168,173	33
215	122,518					19,286	11,625	622	7,039		170,058	168,763	1,295	435,393	34
467	323,589	400	143,888	6	1,050	97,649	4,323	7,424	84,610	1,292	455,284	445,184	10,100	1,242,492	35
348	237,539	252	92,765	2	356	439,370	32,938	6,475	390,264	9,693	984,829	980,985	3,844	2,067,065	36
37	20,363					5,733	1,270	329	4,134		24,383	24,211	172	78,518	37
15	9,030					2,812	2,504	46	262		13,244	13,069	175	36,824	38
11	5,830					952	240	312	400		44,767	43,425	1,342	55,775	39
149	67,548	3	936			58,147	300	8,669	49,178		528,881	522,416	6,465	872,582	40
144	66,829	20	7,280			21,221	3,968	2,500	14,553	200	191,123	188,230	2,893	367,011	41
19	13,750	5	1,940			5,698	1,020	86	4,592		18,717	18,712	5	58,898	42
12	7,068					2,953	2,540	99	314		5,271	5,129	142	31,204	43
16	10,028	4	1,180			2,912	344	560	2,008		9,615	8,510	1,105	33,638	44
2,907	1,585,845	1,532	441,885	29	7,238	654,502	27,526	110,264	515,812	900	15,945,017	15,777,904	167,113	21,089,318	45

jewelry, 2; kindling wood, 2; leather, tanned, curried, and finished, 1; malt, 2; mats and matting, 1; mattresses and spring beds, 2; mineral and soda waters, 1; models and patterns, 2; mucilage and paste, 1; musical instruments and materials, not specified, 1; musical instruments, organs and materials, 2; nets and seines, 1; paints, 1; plumbers' supplies, 1; pottery, terra cotta, and fire-clay products, 2; pulp goods, 1; safes and vaults, 1; ship and boat building, wooden, 2; shirts, 1; slaughtering and meat packing, wholesale, 2; springs, steel, car and carriage, 1; stamped ware, 1; steam packing, 1; sugar and molasses, refining, 1; tools, not elsewhere specified, 1; wirework, including wire rope and cable, 1; woodenware, not elsewhere specified, 1.

TABLE 8.—MANUFACTURES IN CITIES

CHELSEA.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	308	$8,211,682	$499,237	$935,194	$1,652,923	$5,124,328	328	342	$346,985	3,332	$1,625,875
2	Baskets, and rattan and willow ware	3	7,475	2,900	2,000	1,000	1,575	3	1	624	18	8,400
3	Bicycle and tricycle repairing	4	2,465	50	260	900	1,255	5			5	1,952
4	Blacksmithing and wheelwrighting	19	15,620	1,250	1,630	3,435	9,305	19			16	9,032
5	Boots and shoes, custom work and repairing.	19	4,638	400	600	2,023	1,615	19			7	2,802
6	Boots and shoes, factory product	3	146,170	9,000	14,750	33,595	88,825	3	21	18,586	318	157,490
7	Bread and other bakery products	17	56,517	820	2,600	18,690	34,407	22	15	8,546	85	39,022
8	Carpentering	27	52,560	2,700	6,100	5,925	37,835	28			101	72,728
9	Carriages and wagons	3	26,519	5,000	5,600	5,597	10,322	5	1	500	22	14,134
10	Clothing, men's, custom work and repairing.	12	12,304	1,000	3,334	2,100	5,870	13			11	6,314
11	Clothing, men's, factory product	5	8,525	1,650	2,700	1,700	2,475	8			36	9,648
12	Clothing, women's, dressmaking	11	6,310	1,300	2,250	1,055	1,705	11			25	9,294
13	Confectionery	5	40,942	25,075	2,025	6,800	7,042	6	10	3,350	9	5,175
14	Fish, canning and preserving	3	5,125	700	1,300	1,025	2,100	5			4	2,128
15	Foundry and machine shop products	5	297,243	23,813	59,100	119,387	94,943	5	13	12,364	101	60,842
16	Furniture, cabinetmaking, repairing, and upholstering.	7	3,700			1,050	2,650	8			3	1,388
17	Grease and tallow	3	15,900	3,625	4,450	5,000	2,825	4	1	624	10	5,522
18	Leather, tanned, curried, and finished	3	246,893	22,000	34,215	24,407	166,271	3	10	8,458	78	35,585
19	Looking-glass and picture frames	3	12,535	560	3,500	575	7,900	3	1	360	9	4,078
20	Masonry, brick and stone	5	7,345	250	400	3,200	3,495	6			34	12,335
21	Millinery, custom work	8	13,067	3,500	1,000	112	8,455	8			13	4,783
22	Mineral and soda waters	3	76,180	6,000	12,910	16,800	40,470	2	16	8,866	15	7,386
23	Painting, house, sign, etc	19	18,662	600	3,700	3,374	10,988	21			36	19,487
24	Paper hanging	3	7,255	3,200	800	80	3,175	3			4	1,800
25	Patent medicines and compounds	4	22,834	2,200	3,000	1,750	15,884	4	1	416	9	4,610
26	Photography	4	2,425			1,800	625	4			2	626
27	Plastering and stuccowork	5	12,235	800	400	380	10,655	6			14	9,209
28	Plumbing, and gas and steam fitting	17	19,752	1,500	2,800	4,205	11,247	20	1	300	31	19,187
29	Printing and publishing, book and job	6	17,545	700	2,300	12,200	2,345	7			21	8,022
30	Printing and publishing, newspapers and periodicals.	6	17,316			10,700	6,616	8	5	1,508	23	8,814
31	Roofing and roofing materials	4	26,520	6,570	6,250	2,250	11,450	5			15	11,148
32	Rubber and elastic goods	7	3,488,063	149,479	381,980	690,828	2,265,776	5	53	66,282	931	415,615
33	Saddlery and harness	4	1,796			815	981	5			2	1,500
34	Tobacco, cigars and cigarettes	11	24,725	4,000	6,600	2,020	12,105	11			27	11,152
35	Watch, clock, and jewelry repairing	3	1,600			600	1,000	4			5	5,128
36	All other industries[1]	47	3,492,921	218,595	366,640	667,545	2,240,141	39	193	216,201	1,261	639,539

[1] Embraces baking and yeast powders, 1; blacking, 1; bluing, 1; boot and shoe findings, 1; bottling, 1; boxes, fancy and paper, 2; boxes, wooden packing, 2; brass castings and brass finishing, 1; chemicals, 1; clocks, 1; clothing, women's, factory product, 1; cotton goods, 1; dyeing and cleaning, 1; dyeing and finishing textiles, 1; electrical apparatus and supplies, 1; electrical construction and repairs, 2; flavoring extracts, 1; furnishing goods, men's, 1; furniture, factory product, 1; gas, illuminating and heating, 1; ink, writing, 1; ironwork, architectural and ornamental, 1; kaolin and other earth grinding, 1; leather goods, 1; lithographing

EVERETT.

1	All industries	168	$6,107,735	$610,812	$449,516	$3,245,069	$1,802,338	161	138	$153,963	2,141	$1,068,987
2	Blacksmithing and wheelwrighting	13	23,695	7,000	4,300	4,100	8,295	13			20	11,463
3	Boots and shoes, custom work and repairing.	11	1,660		200	970	490	8			4	1,888
4	Bread and other bakery products	6	22,090	1,000	3,500	7,300	10,290	7	8	3,594	32	18,502
5	Carpentering	26	64,183	1,650	2,100	10,725	49,708	25			142	85,121
6	Clothing, men's, custom work and repairing.	6	2,425			750	1,675	6			5	2,209
7	Clothing, women's, dressmaking	7	1,180			830	350	7			9	3,147
8	Foundry and machine shop products	4	122,865	9,100	16,600	32,725	64,440	4	5	8,250	88	43,259
9	Furniture, cabinetmaking, repairing, and upholstering.	5	3,485	1,000	500	960	1,025	5			3	1,691
10	Furniture, factory product	3	55,109	6,900	18,000	13,823	16,386	2	7	9,300	27	22,050
11	Masonry, brick and stone	5	9,485	2,800	2,000	2,305	2,380	5			20	14,620
12	Painting, house, sign, etc	15	6,258	470	1,280	1,500	3,008	15			33	19,247
13	Paper hanging	5	706	100	150	141	315	5			1	1,040
14	Plumbing, and gas and steam fitting	9	24,386	500	500	4,107	19,279	9	3	1,146	31	25,530
15	Printing and publishing, newspapers and periodicals.	3	6,860	350	1,000	4,860	650	2	3	2,200	7	2,735
16	All other industries[1]	50	5,763,348	579,942	399,386	3,159,973	1,624,047	50	112	129,473	1,719	816,485

[1] Embraces belting and hose, rubber, 1; bicycle and tricycle repairing, 2; boots and shoes, factory product, 1; boxes, fancy and paper, 1; brick and tile, 2; brooms and brushes, 1; carriages and wagons, 1; chemicals, 2; coke, 1; confectionery, 2; electrical construction and repairs, 2; fur goods, 1; glass, cutting, staining, and ornamenting, 1; hosiery and knit goods, 1; ironwork, architectural and ornamental, 2; leather goods, 2; liquors, distilled, 1; millinery, custom work, 2; mineral and soda waters, 2; monuments and tombstones, 1; musical instruments and materials, not specified, 1; musical instruments, pianos and

BY SPECIFIED INDUSTRIES: 1900—Continued.

CHELSEA.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
2,421	$1,330,520	902	$293,908	9	$1,447	$678,248	$55,349	$55,155	$463,759	$103,985	$5,764,409	$5,666,973	$97,436	$10,333,549	1
16	7,880	2	520			175	162	8	5		2,904	2,677	227	19,032	2
5	1,952					967	401	39	527		7,526	7,460	66	17,370	3
15	8,936			1	96	2,237	1,946	45	246		8,103	7,396	707	38,965	4
7	2,802					2,389	2,250	22	37	80	6,212	6,028	184	18,992	5
213	108,108	129	48,290	6	1,092	20,726	900	1,221	18,605		521,194	518,755	2,439	739,817	6
60	33,674	25	5,348			15,350	9,502	413	5,435		135,061	130,706	4,355	245,967	7
101	72,728					20,697	1,164	114	581	18,838	102,290	102,210	80	232,763	8
22	14,134					968	300	260	333	75	12,206	11,675	531	36,935	9
5	3,644	6	2,670			4,926	2,422	143	686	1,675	13,663	13,496	167	40,768	10
2	550	34	9,098			1,521	354	56	101	1,000	6,688	6,566	122	23,123	11
		25	9,294			1,011	942	51	18		5,382	5,252	130	19,910	12
9	5,175					2,752	1,560	551	641		26,400	25,806	594	53,157	13
4	2,128					784	600	51	133		22,136	21,734	402	31,895	14
101	60,842					15,363	360	1,684	13,319		93,388	87,567	5,821	200,469	15
3	1,388					1,075	960		115		3,147	3,107	40	8,159	16
10	5,522					896		178	718		30,751	29,127	1,624	65,529	17
78	35,585					13,872	480	1,097	12,295		145,219	142,200	3,019	215,770	18
9	4,078					503	244	119	140		14,500	14,357	143	25,500	19
34	12,335					2,368	334	19	15	2,000	15,859	15,859		40,200	20
		13	4,783			2,844	2,545	129	170		26,982	26,855	127	49,787	21
15	7,386					6,656	300	589	5,767		12,354	11,984	370	54,596	22
36	19,487					1,558	1,372	92	94		12,909	12,819	90	56,430	23
4	1,800					46		18	28		2,780	2,755	25	7,970	24
5	2,650	4	1,960			5,693	340	102	4,278	973	9,928	9,823	105	32,611	25
		2	626			1,049	934	8	70	37	1,624	1,619	5	4,930	26
14	9,209					334	229	93	12		4,063	4,060	3	18,915	27
31	19,187					2,976	2,568	236	172		34,244	33,719	525	86,570	28
11	4,963	9	2,884	1	175	2,011	1,296	170	545		5,678	5,248	430	23,296	29
10	5,200	12	3,530	1	84	3,084	1,342	87	483	1,172	3,546	2,865	681	27,120	30
15	11,148					842	300	417	125		29,029	28,644	385	56,700	31
611	299,866	320	115,749			157,554	5,800	28,477	123,277		2,342,543	2,287,574	54,969	3,718,094	32
2	1,500					699	588	17	94		1,325	1,305	20	4,823	33
19	9,034	8	2,118			7,200	1,175	241	5,784		11,109	11,062	47	35,663	34
6	5,128					804	731		73		4,513	4,498	15	19,100	35
948	552,501	313	87,038			376,318	10,948	18,398	268,837	78,135	2,089,153	2,070,165	18,988	4,062,623	36

and engraving, 1; lock and gun smithing, 2; lumber and timber products, 1; lumber, planing mill products, including sash, doors, and blinds, 2; mattresses and spring beds, 1; monuments and tombstones, 1; oil, not elsewhere specified, 2; paints, 1; pickles, preserves, and sauces, 1; ship and boat building, wooden, 2; shirts, 1; soda water apparatus, 1; tinsmithing, coppersmithing, and sheet-iron working, 2; varnish, 1; window shades, 1.

EVERETT.

1,987	$1,016,269	151	$52,170	3	$548	$702,785	$22,883	$45,575	$580,780	$53,547	$2,725,197	$2,617,068	$108,129	$5,038,120	1
20	11,463					1,301	846	138	317		10,215	9,645	570	37,791	2
4	1,888					1,081	944	5	132		3,438	3,385	53	11,113	3
26	16,792	5	1,578	1	132	4,243	2,610	120	1,513		61,387	60,100	1,287	98,850	4
142	85,121					35,737	506	849	9,602	24,780	207,931	207,511	420	392,880	5
2	1,234	3	975			1,450	1,239	19	192		4,541	4,440	101	12,645	6
		9	3,147			555	386		169		535	535		9,015	7
88	43,259					10,788	2,135	874	7,677	102	63,242	58,805	4,437	169,995	8
3	1,691					955	474	29	452		1,935	1,885	50	6,900	9
27	22,050					6,424		441	3,233	2,750	34,675	33,045	1,630	94,000	10
20	14,620					508		85	423		6,564	6,564		30,450	11
33	19,247					1,065	377	23	665		8,029	8,019	10	42,939	12
1	1,040					102		3	99		2,250	2,250		7,302	13
29	25,114			2	416	2,034	1,106	150	778		48,921	48,412	509	103,680	14
4	1,760	3	975			1,547	186	16	270	1,075	864	840	24	8,649	15
1,588	770,990	131	45,495			634,995	12,074	42,823	555,258	24,840	2,270,670	2,171,632	99,038	4,011,911	16

materials, 1; oil, not elsewhere specified, 1; patent medicines and compounds, 1; photography, 1; pickles, preserves, and sauces, 1; plastering and stucco work, 2; pottery, terra cotta, and fire-clay products, 1; printing and publishing, book and job, 1; roofing and roofing materials, 2; saddlery and harness, 1; soap and candles, 1; stamped ware, 1; tinsmithing, coppersmithing, and sheet-iron working, 1; tobacco, cigars and cigarettes, 1; tools, not elsewhere specified, 1; varnish, 2; woodenware, not elsewhere specified, 1.

TABLE 8.—MANUFACTURES IN CITIES

FALL RIVER.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	785	$58,549,934	$3,549,360	$11,351,847	$24,004,987	$19,643,740	822	615	$918,442	32,780	$11,739,129
2	Awnings, tents, and sails	3	16,560			840	15,720	4			11	7,922
3	Bicycle and tricycle repairing	7	5,035	400	800	2,053	1,782	8			7	4,410
4	Blacksmithing and wheelwrighting	61	90,372	14,880	24,978	22,098	28,416	64	2	1,310	112	63,839
5	Boots and shoes, custom work and repairing.	84	13,027		433	7,153	5,441	85			18	7,864
6	Bottling	13	95,574	28,455	35,425	12,377	19,317	15	4	3,040	42	23,223
7	Bread and other bakery products	63	126,726	16,497	28,420	48,092	33,717	68	37	18,592	194	97,172
8	Brooms and brushes	4	5,625	1,180	2,025	1,070	1,350	4			8	3,148
9	Carpentering	41	127,944	7,066	13,575	18,765	88,538	48	12	7,622	317	164,058
10	Carriages and wagons	5	60,780	13,965	12,300	3,782	30,733	7	2	1,350	33	19,400
11	Clothing, men's, custom work and repairing.	37	42,086	8,200	2,300	8,272	28,314	41	9	6,407	143	69,710
12	Clothing, women's, dressmaking	45	14,425	1,250	2,450	4,621	6,104	47			86	27,577
13	Confectionery	8	15,405	600	1,620	6,215	6,970	8	17	3,552	19	5,435
14	Cordage and twine	3	22,955	1,000	650	7,000	14,305	2	1	780	25	6,788
15	Cotton goods	42	45,641,084	2,145,139	9,651,997	21,653,361	12,190,587	6	244	475,448	26,371	8,813,912
16	Cotton small wares	4	101,867	2,000	9,500	57,186	33,181	5	2	1,800	94	29,032
17	Dyeing and cleaning	5	5,187	1,000	1,000	1,910	1,277	6	1	416	7	3,211
18	Dyeing and finishing textiles	3	6,996,863	717,926	670,076	665,137	4,943,724		52	188,963	1,131	486,914
19	Electrical construction and repairs	4	18,176			1,465	16,711	6	2	752	23	12,746
20	Foundry and machine shop products	32	653,042	94,310	63,274	133,730	361,728	39	37	41,584	623	326,861
21	Furniture, cabinetmaking, repairing, and upholstering.	5	14,910	620	2,325	2,620	9,345	8	1	312	13	5,820
22	Liquors, malt	4	919,306	90,500	371,769	257,356	199,681	1	31	39,203	61	55,707
23	Lock and gun smithing	3	923			275	648	4			1	750
24	Looking-glass and picture frames	3	3,482			600	2,882	3			3	1,485
25	Lumber, planing mill products, including sash, doors, and blinds.	5	71,350	1,500	10,000	13,000	46,850	6	2	1,600	23	16,064
26	Marble and stone work	3	50,130	31,300	3,775	10,775	4,280	3	3	3,280	51	29,716
27	Masonry, brick and stone	19	202,467	61,710	14,110	41,280	85,367	25	6	3,701	583	221,795
28	Millinery, custom work	47	67,342	4,800	8,700	8,827	45,015	52	9	3,332	118	43,634
29	Mineral and soda waters	6	16,135	800	1,925	7,675	5,735	8			24	10,800
30	Monuments and tombstones	8	26,606	8,100	3,210	1,080	14,216	8	2	1,265	23	13,908
31	Painting, house, sign, etc	51	121,278	13,175	20,267	11,103	76,733	62	12	6,689	267	144,565
32	Paper goods, not elsewhere specified	3	20,000	1,300	5,500	7,600	5,600	2	3	3,000	17	6,914
33	Patent medicines and compounds	4	4,910			225	4,685	5			2	1,200
34	Photography	11	16,876		375	8,450	8,051	12	2	818	14	7,344
35	Plumbing, and gas and steam fitting	28	158,035	16,336	7,926	17,879	115,894	28	19	14,860	210	117,535
36	Printing and publishing, book and job	9	50,938			32,170	18,768	11	2	1,018	37	18,669
37	Printing and publishing, newspapers and periodicals.	8	187,735	19,500	28,057	85,494	54,684	7	17	14,646	118	75,365
38	Saddlery and harness	14	12,973	1,000	1,050	3,058	7,865	14			15	6,927
39	Soap and candles	3	10,525	1,500	1,000	2,250	5,775	3			2	1,400
40	Tinsmithing, coppersmithing, and sheet-iron working.	20	33,541	5,910	7,850	6,120	13,661	25	3	1,180	37	22,281
41	Tobacco, cigars and cigarettes	4	10,110	1,000	300	620	8,190	4	1	832	12	6,065
42	Watch, clock, and jewelry repairing	19	15,857		175	6,045	9,637	19			21	11,604
43	Wood, turned and carved	3	130,293	15,000	25,000	57,450	32,843	2	2	3,136	124	48,884
44	All other industries[1]	41	2,351,479	226,441	317,710	767,908	1,039,420	47	78	67,954	1,740	697,475

[1] Embraces belting and hose, leather, 1; bookbinding and blank book making, 1; boot and shoe findings, 1; boots and shoes, factory product, 1; boxes, wooden packing, 1; bridges, 1; coffee and spice, roasting and grinding, 1; combs, 1; cooperage, 2; cotton waste, 1; electroplating, 1; engraving, wood, 1; files, 1; flouring and grist mill products, 2; food preparations, 1; fur hats, 2; gas, illuminating and heating, 1; grease and tallow, 2; hairwork, 1; hat and cap materials, 1;

FITCHBURG.

1	All industries	308	$13,033,898	$1,181,833	$1,683,684	$2,822,108	$7,346,273	336	322	$376,675	6,796	$3,113,078
2	Bicycle and tricycle repairing	4	3,985			1,175	2,810	3			3	1,450
3	Blacksmithing and wheelwrighting	21	32,550	7,650	5,850	6,675	12,375	21			27	18,531
4	Boots and shoes, custom work and repairing.	20	5,635	500	550	1,830	2,755	19			5	2,006
5	Bread and other bakery products	10	22,527	5,200	4,000	4,150	9,177	11	12	5,326	29	15,870
6	Carpentering	14	44,899	4,050	7,350	6,875	26,624	17			126	86,503
7	Clothing, men's, custom work and repairing.	11	13,433			2,155	11,278	12	1	300	50	26,970
8	Clothing, women's, dressmaking	25	9,341	1,050	350	3,205	4,736	26	2	631	51	16,973
9	Cotton goods	5	2,679,698	104,333	413,319	787,303	1,374,743	1	27	43,790	1,878	688,309
10	Foundry and machine shop products	26	1,852,346	346,450	216,900	428,985	860,011	23	52	55,563	883	469,106
11	Furniture, cabinetmaking, repairing, and upholstering.	3	1,275			375	900	4			2	1,350
12	Hairwork	3	2,270			650	1,620	3			3	1,028
13	Lumber and timber products	3	87,257	10,200	15,200	18,150	43,707	3	2	900	33	19,515
14	Lumber, planing mill products, including sash, doors, and blinds.	3	118,422	33,000	17,000	20,422	48,000	3	13	9,760	55	37,408
15	Marble and stone work	6	56,775	27,000	3,675	11,200	14,900	6			56	27,083
16	Masonry, brick and stone	4	12,600	500	800	3,100	8,200	5	2	962	61	27,571

BY SPECIFIED INDUSTRIES: 1900—Continued.

FALL RIVER.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
17,686	$7,227,218	13,374	$4,195,926	1,720	$315,985	$3,249,083	$138,477	$641,207	$2,201,332	$268,067	$19,789,859	$18,934,478	$855,381	$43,071,530	1
9	7,242	2	680			1,012	700	17	295		12,242	12,140	102	28,712	2
7	4,410					1,664	838	59	767		4,842	4,613	229	13,725	3
112	63,839					11,833	6,802	609	2,207	2,215	55,929	52,990	2,939	201,848	4
18	7,864					7,528	6,927	95	506		27,062	26,641	421	85,277	5
42	23,223					5,960	1,425	802	3,633	100	57,400	56,203	1,197	103,167	6
168	89,331	22	7,115	4	726	21,973	11,940	869	9,164		313,057	300,846	12,211	555,267	7
6	2,468	2	580			111	40	32	39		6,401	6,291	110	14,627	8
317	164,058					177,935	3,346	582	4,828	169,179	367,956	367,189	767	846,596	9
33	19,400					1,702	534	192	976		13,283	12,935	348	51,103	10
62	38,937	81	30,773			15,363	11,551	275	2,137	1,400	83,716	83,013	703	226,392	11
3	1,300	83	26,277			4,266	3,655	100	511		27,390	27,049	341	98,979	12
16	5,038	3	397			6,670	4,012	54	2,604		27,170	26,400	770	57,382	13
17	5,178	2	471	6	1,139	1,475	660	137	678		29,972	29,242	730	43,996	14
12,587	4,725,351	12,162	3,790,409	1,622	298,152	2,004,027	2,108	557,191	1,420,843	23,885	13,022,130	12,356,121	666,009	29,097,667	15
45	16,407	38	9,817	11	2,808	5,178	1,037	391	3,750		114,480	112,236	2,244	188,859	16
4	2,315	2	896			1,101	664	35	402		2,147	1,545	602	12,825	17
932	430,301	163	49,963	36	6,650	428,762		37,201	375,047	16,514	1,094,877	994,353	100,524	2,995,979	18
23	12,746					2,717	1,134	27	1,556		25,042	24,962	80	48,468	19
546	305,056	68	20,434	9	1,371	42,374	7,525	6,694	27,455	700	365,366	349,951	15,415	932,873	20
13	5,820					1,913	940	38	860	75	10,817	10,630	187	25,075	21
61	55,707					200,941		5,348	195,593		186,662	178,374	8,288	566,054	22
1	750					408	288	12	68	40	665	647	18	5,500	23
3	1,485					899	720	34	145		3,804	3,767	37	8,072	24
23	16,064					3,232	1,507	640	1,085		42,899	41,884	1,015	80,311	25
51	29,716					1,802		718	1,084		5,849	5,271	578	54,713	26
583	221,795					59,599	1,485	858	8,973	48,283	309,814	307,627	2,187	683,362	27
		117	43,470	1	164	17,520	14,005	366	3,149		150,945	150,469	476	284,170	28
24	10,800					2,968	1,980	102	886		16,068	15,550	518	41,050	29
23	13,908					980	160	233	587		9,329	9,239	90	36,920	30
265	144,210			2	355	15,032	7,641	834	6,557		120,467	119,664	803	400,777	31
7	5,094	2	624	8	1,196	1,482	650	116	716		21,038	20,393	645	37,861	32
2	1,200					857	444	20	393		12,625	12,596	29	22,200	33
11	6,220	3	1,124			9,116	6,562	129	2,425		9,726	9,518	208	44,001	34
209	117,363			1	172	14,539	7,278	949	5,708	604	300,658	298,120	2,538	514,990	35
31	16,487	4	1,898	2	234	5,110	2,771	193	1,136	1,010	22,815	21,917	898	66,584	36
106	69,187	12	6,178			13,445	4,840	2,132	6,273	200	39,172	35,958	3,214	199,225	37
15	6,927					2,243	1,726	74	443		17,520	17,421	99	38,011	38
2	1,400					682	552	30	100		2,728	2,616	112	6,116	39
37	22,281					4,805	2,888	229	588	1,100	46,806	46,003	803	99,548	40
12	6,065					3,157	412	54	2,691		10,932	10,837	95	23,796	41
21	11,604					4,549	3,949	75	505	20	8,831	8,641	190	39,123	42
121	48,344			3	540	9,005	1,000	1,295	6,710		71,736	70,690	1,046	168,082	43
1,118	490,327	607	204,720	15	2,428	133,148	11,781	21,366	97,259	2,742	2,717,491	2,691,926	25,565	4,022,247	44

mattresses and spring beds, 1; optical goods, 1; paving and paving materials, 2; perfumery and cosmetics, 1; pickles, preserves, and sauces, 2; pipes, tobacco, 1; plumbers' supplies, 1; roofing and roofing materials, 2; ship and boat building, wooden, 1; slaughtering and meat packing, wholesale, 2; taxidermy, 1; vinegar and cider, 1; wirework, including wire rope and cable, 1.

FITCHBURG.

4,794	$2,512,222	1,757	$551,428	245	$49,428	$749,165	$74,801	$93,813	$552,060	$28,491	$8,062,713	$7,790,815	$271,898	$14,253,522	1
3	1,450					970	855	15	100		2,552	2,441	111	7,655	2
27	18,531					3,546	2,767	343	436		20,579	19,563	1,016	66,763	3
5	2,006					2,264	2,187	19	58		6,568	6,339	229	20,415	4
29	15,870					4,027	2,817	342	868		60,226	57,961	2,265	108,343	5
126	86,503					22,334	797	236	1,827	19,474	185,662	185,535	127	345,784	6
25	18,185	25	8,785			4,415	3,270	102	1,043		22,831	22,456	375	72,604	7
1	1,007	50	15,966			4,208	3,380	53	775		16,387	15,866	521	53,408	8
915	378,371	800	275,206	163	34,732	117,369		23,893	93,476		1,344,181	1,274,582	69,599	2,449,986	9
881	468,789	1	246	1	71	97,108	14,862	15,313	61,804	5,129	477,002	453,206	23,796	1,328,008	10
2	1,350					194	156	13	25		10,752	10,739	13	18,095	11
		3	1,028			1,081	916	25	140		1,313	1,299	14	5,800	12
33	19,515					1,522		522	1,000		63,662	63,662		118,775	13
55	37,408					4,189	1,500	1,239	1,450		144,539	142,940	1,599	228,049	14
56	27,083					903	224	432	247		12,218	11,733	485	53,870	15
61	27,571					2,615	2,000	50	565		28,525	28,345	180	75,596	16

TABLE 8.—MANUFACTURES IN CITIES

FITCHBURG—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
17	Millinery, custom work	11	$45,115	$5,100	$16,100	$1,280	$22,635	14	10	$3,635	47	$11,503
18	Mineral and soda waters	4	17,157	2,300	2,500	9,135	3,222	7	2	673	6	3,272
19	Models and patterns	3	2,925			1,650	1,275	3			8	5,573
20	Monuments and tombstones	3	26,400	20,000	2,200	400	3,800	3			4	2,367
21	Painting, house, sign, etc	17	18,869	1,400	2,100	3,506	11,863	19	1	325	42	24,844
22	Paper and wood pulp	4	1,632,060	247,600	371,000	545,600	467,860	6	24	34,436	639	304,966
23	Photography	9	7,085			4,360	2,725	9	1	280	3	1,444
24	Plumbing, and gas and steam fitting	12	125,871	7,550	3,600	11,390	103,331	20	13	5,618	73	48,816
25	Printing and publishing, book and job	6	13,275	200	350	9,650	3,075	6			11	6,770
26	Printing and publishing, newspapers and periodicals.	4	30,810			13,595	17,215	4	6	2,699	36	21,216
27	Saddlery and harness	3	1,775			275	1,500	3			2	1,200
28	Tobacco, cigars and cigarettes	4	12,175	50	250	675	11,200	5			13	6,416
29	Watch, clock, and jewelry repairing	10	7,575			3,150	4,425	11			1	822
30	Wood, turned and carved	8	17,840			11,550	6,290	10	2	1,000	30	12,008
31	All other industries[1]	52	6,131,953	357,700	600,590	909,642	4,264,021	59	152	210,777	2,619	1,222,188

[1] Embraces artificial limbs, 1; awnings, tents, and sails, 2; bookbinding and blank book making, 1; boot and shoe findings, 1; boots and shoes, factory product, 2; boxes, fancy and paper, 1; boxes, wooden packing, 1; brass and copper, rolled, 1; brass castings and brass finishing, 2; brick and tile, 1; carriages and wagons, 1; cars and general shop construction and repairs by steam railroad companies, 1; cheese and butter, urban dairy products, 1; china decorating, 1; combs, 1; confectionery, 2; cotton waste, 1; cutlery and edge tools, 1; electrical construction and repairs, 2; electroplating, 1; files, 1; firearms, 1; flavoring extracts 1;

GLOUCESTER.

1	All industries	392	$4,687,559	$434,532	$585,650	$917,112	$2,750,265	469	235	$199,436	3,379	$1,428,896
2	Awnings, tents, and sails	10	57,332			2,225	55,107	15	3	2,500	55	37,289
3	Bicycle and tricycle repairing	5	7,675	300	250	3,925	3,200	8	2	900	12	6,512
4	Blacksmithing and wheelwrighting	27	80,740	8,350	16,140	13,000	43,250	28	1	100	43	25,134
5	Boots and shoes, custom work and repairing.	18	5,040	480	575	2,575	1,410	20			3	1,520
6	Bread and other bakery products	5	35,070	2,500	6,000	9,820	16,750	5	8	6,128	44	20,936
7	Carpentering	41	179,840	15,615	22,600	20,050	121,575	49	4	2,420	189	122,087
8	Clothing, men's, custom work and repairing.	14	21,440			2,990	18,450	14	7	5,325	65	25,480
9	Clothing, men's, factory product	13	25,570		1,250	2,070	22,250	18	2	656	47	14,247
10	Clothing, women's, dressmaking	21	10,090	1,575	3,900	1,540	3,075	21			32	7,457
11	Confectionery	4	4,550			2,650	1,900	6			6	3,780
12	Fish, canning and preserving	38	1,479,647	178,742	189,959	238,776	872,170	60	85	68,106	1,154	398,703
13	Foundry and machine shop products	8	279,355	16,800	23,982	64,084	174,489	11	6	6,316	95	57,680
14	Furniture, cabinetmaking, repairing, and upholstering.	6	9,950			1,625	8,325	6			7	4,140
15	Glue	4	390,768	11,500	58,425	59,917	260,926	2	22	28,500	67	33,082
16	Marble and stone work	19	185,114	20,655	16,994	71,686	75,779	25	10	8,179	361	146,690
17	Masonry, brick and stone	22	54,235	5,240	2,650	4,595	41,750	25			101	53,934
18	Millinery, custom work	7	14,075			2,525	11,550	8	4	1,850	19	7,160
19	Nets and seines	3	234,238	5,673	35,000	60,696	132,869	3	7	8,420	82	31,197
20	Oil, not elsewhere specified	4	146,647	15,500	19,000	38,550	73,597	6	5	5,000	39	20,343
21	Painting, house, sign, etc	26	87,555	2,675	4,750	7,880	72,250	32	9	4,849	108	58,460
22	Photography	5	2,835			1,550	1,285	5			2	892
23	Plumbing, and gas and steam fitting	7	88,650	15,300	13,300	5,050	55,000	8	11	5,506	71	39,508
24	Printing and publishing, newspapers and periodicals.	8	113,000	42,000	28,000	31,000	12,000	2	8	2,835	49	22,385
25	Saddlery and harness	3	15,450			2,350	13,100	4			10	4,834
26	Ship and boat building, wooden	24	145,172	38,477	15,500	23,320	67,875	24	6	5,860	102	62,800
27	Tinsmithing, coppersmithing, and sheet-iron working.	5	23,316	450	2,000	8,266	12,600	6	3	2,000	9	5,220
28	Tobacco, cigars and cigarettes	5	6,475			495	5,980	6			6	2,979
29	Watch, clock, and jewelry repairing	9	7,880	500	2,000	2,380	3,000	9			7	4,340
30	Wood, turned and carved	3	8,100		25	2,525	5,550	4			3	1,552
31	All other industries[1]	33	967,750	52,200	123,350	228,997	563,203	39	32	33,986	591	208,555

[1] Embraces boots and shoes, factory product, 1; boxes, wooden packing, 1; clothing, women's, factory product, 1; cooperage, 1; cordage and twine, 2; dyeing and cleaning, 1; electrical construction and repairs, 1; flouring and grist mill products, 1; food preparations, 1; galvanizing, 1; gas, illuminating and heating, 1; grease and tallow, 1; house furnishing goods, not elsewhere specified, 1; liquors, malt, 1; lock and gun smithing, 2; looking-glass and picture frames, 2; lumber,

HAVERHILL.

1	All industries	685	$6,801,565	$227,775	$489,658	$1,618,515	$4,465,617	838	501	$380,014	10,600	$5,035,882
2	Bicycle and tricycle repairing	8	5,100			2,050	3,050	11			10	5,843
3	Blacksmithing and wheelwrighting	24	19,075	1,325	2,600	6,350	8,800	27			33	22,153
4	Boot and shoe cut stock	98	641,927	9,675	27,225	65,892	539,135	125	48	30,777	784	346,778
5	Boot and shoe findings	22	262,586			52,250	210,336	30	20	13,960	163	67,355
6	Boots and shoes, custom work and repairing.	25	6,565			4,425	2,140	25			11	6,330
7	Boots and shoes, factory product	151	3,325,717	81,200	163,175	683,164	2,398,178	199	314	250,263	7,376	3,462,001
8	Boxes, fancy and paper	7	103,315	5,000	10,000	29,793	58,522	11	4	2,150	163	67,736
9	Boxes, wooden packing	3	13,700	300	1,200	3,750	8,450	5	1	1,000	46	19,436
10	Bread and other bakery products	18	46,912	500	3,000	32,525	10,887	20	8	1,000	66	34,149
11	Brick and tile	4	29,825	1,400	2,800	5,500	20,125	8	1	725	37	19,475

BY SPECIFIED INDUSTRIES: 1900—Continued.

FITCHBURG—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
1	$250	46	$11,253			$7,033	$5,833	$228	$972		$35,899	$35,501	$398	$73,552	17
6	3,272					1,037	624	89	324		4,936	4,713	223	19,280	18
8	5,573					230	190	19	21		910	750	160	8,785	19
4	2,367					824	396	418	10		6,720	6,695	25	11,630	20
42	24,844					2,022	1,182	103	437	$300	16,558	16,393	165	60,315	21
470	264,815	169	40,151			177,446		19,222	158,224		1,117,776	1,206,671	111,105	2,255,383	22
1	624	2	820			2,349	1,838	52	459		5,954	5,754	200	17,543	23
73	48,816					16,520	3,200	812	12,508		146,176	145,124	1,052	257,778	24
10	6,215	1	555			1,254	872	131	251		5,893	5,442	451	19,338	25
25	15,103	11	6,113			5,135	2,570	276	2,119	170	10,593	9,929	664	54,843	26
2	1,200					401	348	27	26		3,393	3,344	49	8,405	27
11	5,966	1	250	1	$200	3,051	1,096	70	1,885		6,469	6,374	95	20,180	28
1	822					1,325	1,170	31	124		2,027	1,971	56	10,530	29
25	11,058			5	950	1,977	1,480	144	353		14,392	13,682	710	41,756	30
1,896	1,017,658	648	191,055	75	13,475	261,816	18,271	29,594	210,533	3,418	4,088,020	4,031,805	56,215	6,441,053	31

flouring and grist mill products, 2; gas, illuminating and heating, 1; grease and tallow, 2; house furnishing goods, not elsewhere specified, 1; linen goods, 1; lock and gun smithing, 1; looking-glass and picture frames, 2; mattresses and spring beds, 1; optical goods, 1; plastering and stuccowork, 1; roofing and roofing materials, 2; screws, wood, 1; shirts, 1; tinsmithing, coppersmithing, and sheet-iron working, 1; tools, not elsewhere specified, 1; wirework, including wire rope and cable, 1; woolen goods, 2; worsted goods, 2.

GLOUCESTER.

2,750	$1,270,917	629	$157,979			$349,839	$59,075	$37,175	$235,664	$17,925	$4,862,660	$4,801,723	$60,937	$7,843,788	1
53	36,029	2	1,260			4,216	2,550	156	1,510		48,341	47,995	346	112,323	2
12	6,512					1,901	920	115	751	115	5,091	4,782	309	19,350	3
43	25,134					4,309	2,211	506	1,592		23,253	21,523	1,730	87,435	4
3	1,520					1,716	1,394	23	299		8,001	7,878	123	20,872	5
37	19,350	7	1,586			12,913	740	288	11,885		76,663	75,128	1,535	131,595	6
189	122,087					13,710	1,279	896	3,345	8,190	185,646	185,284	362	377,419	7
17	11,092	48	14,388			7,607	3,978	126	1,453	2,050	27,924	27,475	449	83,685	8
18	7,477	29	6,770			6,092	3,008	201	1,368	1,515	34,825	33,810	1,015	74,212	9
		32	7,457			2,317	2,032	110	175		2,736	2,301	435	21,547	10
6	3,780					1,154	750	65	339		14,996	14,766	230	24,250	11
1,051	380,222	103	18,481			100,759	12,605	12,787	74,567	800	2,845,657	2,838,111	7,546	3,746,326	12
95	57,680					8,637	524	1,399	6,714		91,780	81,630	10,150	215,773	13
5	3,540	2	600			1,671	1,021	25	225	400	15,907	15,810	97	25,965	14
48	27,836	19	5,246			31,999	350	2,809	28,840		239,183	226,201	12,982	362,755	15
361	146,690					16,419	855	2,784	12,780		26,129	23,397	2,732	213,118	16
101	53,934					1,357	213	93	1,051		34,933	34,896	37	106,776	17
		19	7,160			4,330	3,233	142	955		28,075	28,045	30	54,800	18
17	11,276	65	19,921			19,681	400	1,610	17,671		109,180	107,509	1,671	190,000	19
38	19,643	1	700			7,005	300	940	5,765		149,902	144,377	5,525	205,500	20
108	58,460					5,344	3,408	226	1,610	100	65,983	65,738	245	168,457	21
1	528	1	364			1,340	1,175		115	50	2,192	2,125	67	7,218	22
70	39,196	1	312			5,216	2,450	396	1,870	500	84,524	83,965	559	164,465	23
35	15,975	14	6,410			3,998	346	900	2,752		14,173	13,195	978	51,700	24
10	4,834					1,314	810	57	447		7,907	7,787	120	21,245	25
102	62,800					12,160	3,312	1,180	3,563	4,105	74,531	72,204	2,327	201,448	26
9	5,220					1,198	550	113	535		8,033	7,485	548	22,537	27
5	2,679	1	300			2,503	947	57	1,499		6,008	5,957	51	14,536	28
7	4,340					2,305	1,643	187	475		2,721	2,601	120	15,522	29
3	1,552					703	423	50	230		4,208	3,843	365	11,531	30
306	141,531	285	67,024			65,965	5,648	8,934	51,283	100	624,158	615,905	8,253	1,091,423	31

and timber products, 1; lumber, planing mill products, including sash, doors, and blinds, 1; mineral and soda waters, 2; monuments and tombstones, 1; paints, 2; patent medicines and compounds, 2; paving and paving materials, 1; plastering and stuccowork, 1; printing and publishing, book and job, 2; soap and candles, 1.

HAVERHILL.

7,270	$3,909,154	3,274	$1,114,133	56	$12,595	$1,336,232	$196,125	$41,962	$369,620	$728,525	$15,628,972	$15,497,631	$131,341	$24,937,073	1
9	5,468	1	375			1,680	1,239	56	385		5,156	4,637	519	19,900	2
33	22,153					4,436	4,031	80	325		15,823	14,561	1,262	66,801	3
608	295,858	172	50,370	4	550	49,938	27,423	4,770	17,745		2,756,987	2,742,835	14,152	3,495,433	4
128	56,130	35	11,225			33,856	7,382	1,001	5,186	20,287	594,923	591,473	3,450	811,515	5
11	6,330					3,221	2,755	16	150	300	11,379	11,049	330	38,385	6
4,842	2,580,164	2,493	871,277	41	10,560	1,031,796	78,882	17,915	258,510	676,489	9,344,323	9,293,180	51,143	15,231,440	7
55	32,242	108	35,494			7,793	4,655	841	2,297		138,570	135,509	3,061	246,125	8
45	19,086	1	350			2,499	1,000	121	1,378		55,921	53,741	2,180	88,347	9
51	28,342	13	5,472	2	335	7,446	6,454	261	731		87,249	83,033	4,216	180,087	10
37	19,475					975	400	210	365		12,074	924	11,150	44,375	11

TABLE 8.—MANUFACTURES IN CITIES

HAVERHILL—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
12	Carpentering	30	$111,500	$9,200	$14,300	$17,960	$70,040	32	1	$546	212	$190,563
13	Carriages and wagons	3	19,000	4,650	3,750	2,600	8,000	4			14	8,600
14	Clothing, men's, custom work and repairing.	19	31,835			6,110	25,725	25	2	1,750	74	32,644
15	Clothing, women's, dressmaking	48	17,900	1,100	5,500	5,760	5,540	50			81	25,174
16	Confectionery	3	3,075			1,225	1,850	4			4	2,160
17	Electrical construction and repairs	3	5,225			325	4,900	4	1	500	5	2,100
18	Flouring and grist mill products	4	34,550	400	11,500	7,400	15,250	4	3	1,150	6	2,900
19	Foundry and machine shop products	8	40,900	500	1,500	16,600	22,300	9	5	3,480	29	20,575
20	Furniture, cabinetmaking, repairing, and upholstering.	10	21,130			4,050	17,080	10	2	1,900	13	8,620
21	Lasts	5	51,450			24,500	26,950	8	6	6,750	42	27,650
22	Looking-glass and picture frames	3	2,368			317	2,051	3			2	768
23	Lumber and timber products	3	151,355	38,100	29,500	31,575	52,180	3	7	3,850	73	30,916
24	Masonry, brick and stone	7	25,375	1,550	2,100	4,850	16,875	9			67	38,320
25	Millinery, custom work	20	26,250			3,250	23,000	22	2	1,200	44	11,673
26	Models and patterns	6	7,650			4,000	3,650	6	2	1,800	11	6,530
27	Mucilage and paste	3	7,075			2,675	4,400	3	1	500	6	2,635
28	Painting, house, sign, etc	29	19,635	400	400	4,335	14,500	35	2	1,150	92	50,132
29	Photography	7	6,950			5,650	1,300	8	1	1,100	9	3,650
30	Plastering and stuccowork	3	3,850	300	100	375	3,075	6			18	7,000
31	Plumbing, and gas and steam fitting	13	61,925			7,375	54,550	19	7	3,100	81	44,543
32	Printing and publishing, book and job	12	44,625	1,000	500	27,300	15,825	16	4	2,680	49	26,251
33	Printing and publishing, newspapers and periodicals.	3	36,999			26,300	10,699	2	9	9,488	31	18,656
34	Saddlery and harness	6	7,640			1,190	6,450	7			9	5,335
35	Tinsmithing, coppersmithing, and sheet-iron working.	4	7,000			1,300	5,700	6	1	300	9	5,750
36	Tobacco, cigars and cigarettes	3	2,435			310	2,125	3	1	800	6	4,500
37	Vinegar and cider	4	12,075	1,075	1,200	5,900	3,900	4	2	1,500	5	1,955
38	Watch, clock, and jewelry repairing	16	10,950			4,225	6,725	18			17	10,150
39	All other industries[1]	50	1,576,121	70,100	209,308	515,359	781,354	57	51	36,595	902	394,876

[1] Embraces awnings, tents, and sails, 2; blacking, 2; cheese, butter, and condensed milk, factory product, 1; cutlery and edge tools, 2; dyeing and cleaning, 1; engraving and diesinking, 1; food preparations, 2; fur goods, 1; fur hats, 1; gas, illuminating and heating, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 2; ironwork, architectural and ornamental, 1; leather, tanned, curried, and finished, 1; liquors, malt, 2; liquors, vinous, 1; lock and gun smithing, 2; lumber, planing mill products, including sash, doors, and blinds, 1; marble and stone work, 2; mineral and soda waters, 2; monuments and

HOLYOKE.

1	All industries	433	$26,760,031	$2,823,067	$4,356,487	$6,524,352	$13,056,125	395	628	$843,399	13,454	$5,730,998
2	Bicycle and tricycle repairing	10	8,224			3,540	4,684	14			10	4,927
3	Blacksmithing and wheelwrighting	17	30,857	4,900	8,980	4,400	12,577	17	1	624	28	17,295
4	Bookbinding and blank book making	11	1,096,708	37,629	144,187	184,358	730,534	5	79	60,206	587	243,387
5	Boots and shoes, custom work and repairing.	45	8,899		750	4,182	3,967	32			16	8,413
6	Bottling	13	13,495			6,560	6,935	10	2	1,600	19	10,064
7	Bread and other bakery products	20	47,528	4,200	13,300	9,070	20,958	20	4	1,228	56	29,154
8	Carpentering	19	177,169	10,120	24,550	8,250	134,249	26	6	4,175	151	77,414
9	Carriages and wagons	8	75,071	16,736	24,700	8,905	24,730	9	4	2,964	45	23,622
10	Clothing, men's, custom work and repairing.	18	23,955		850	2,570	20,535	18	1	520	53	28,321
11	Clothing, women's, dressmaking	30	8,435	300	700	4,120	3,315	31			68	19,961
12	Cotton goods	4	5,631,400	372,300	995,978	2,095,264	2,167,858		59	71,039	3,227	1,134,626
13	Dyeing and cleaning	4	3,890	500	1,500	1,450	440	4			8	3,393
14	Foundry and machine shop products	18	1,692,863	143,080	365,555	360,687	823,541	15	53	68,268	946	545,764
15	Furniture, cabinetmaking, repairing, and upholstering.	4	1,725		800	375	550	6			4	2,250
16	Lock and gun smithing	3	1,000	100	200	115	585	2			3	1,760
17	Lumber, planing mill products, including sash, doors, and blinds.	3	269,007	62,000	27,200	36,653	143,154	1	17	18,773	99	60,900
18	Marble and stone work	4	37,195	12,000	1,500	6,150	17,545	5			35	19,154
19	Masonry, brick and stone	7	87,582	7,520	17,000	9,285	53,777	10	2	2,058	109	65,442
20	Millinery, custom work	18	39,925	4,500	2,500	4,665	28,260	19	4	1,600	58	16,303
21	Monuments and tombstones	3	18,700		1,000	600	17,100	4			6	4,410
22	Painting, house, sign, etc	21	91,598	15,038	19,325	6,867	50,368	25	10	5,854	117	54,464
23	Paper and wood pulp	19	10,088,858	1,750,016	1,816,011	2,278,277	4,244,554	1	169	271,388	3,399	1,397,198
24	Paper goods, not elsewhere specified	4	820,336	10,000	31,000	103,879	675,457	1	28	59,696	395	176,858
25	Photography	8	13,850		200	6,050	7,600	9			7	3,175
26	Plastering and stuccowork	4	1,925			175	1,750	4			24	20,853
27	Plumbing, and gas and steam fitting	15	180,177	5,500	5,300	18,123	151,254	16	15	10,660	137	68,615
28	Printing and publishing, book and job	12	139,844			80,826	59,018	10	29	27,642	158	62,716
29	Printing and publishing, newspapers and periodicals.	6	90,925	18,000	12,000	46,150	14,775	5	8	7,510	80	57,966
30	Roofing and roofing materials	4	18,796		2,950	1,785	14,061	4	2	1,350	22	12,300
31	Saddlery and harness	6	12,975			1,375	11,600	6			8	4,540

BY SPECIFIED INDUSTRIES: 1900—Continued.

HAVERHILL—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
212	$190,563					$9,508	$697	$703	$2,608	$5,500	$184,275	$184,212	$63	$404,802	12
14	8,600					613		203	400	10	12,355	11,885	470	33,800	13
34	19,415	40	$13,229			6,465	4,940	207	1,318		44,509	43,562	947	118,482	14
5	3,900	76	21,274			4,638	4,351	70	217		22,619	22,009	610	91,241	15
2	1,500	2	660			2,300	2,160	15	125		6,661	6,538	123	15,409	16
5	2,100					910	644	48	218		10,346	10,285	61	16,025	17
6	2,900					1,159	510	189	460		103,788	103,052	736	124,147	18
29	20,575					3,718	2,185	223	1,310		23,492	21,692	1,800	61,813	19
13	8,620					2,065	1,547	303	215		10,780	10,354	426	30,210	20
42	27,650					3,807	2,330	212	1,265		17,473	14,732	2,741	80,300	21
2	768					623	540	23	60		2,432	2,420	12	6,530	22
37	18,950	36	11,966			5,064	880	1,134	3,050		112,212	109,812	2,400	191,109	23
67	38,320					1,008	187	121	700		48,282	48,150	132	104,247	24
		44	11,673			8,366	7,510	172	684		38,781	38,405	376	87,976	25
11	6,530					1,097	1,032	14	51		2,135	2,031	104	20,500	26
2	1,235	4	1,400			1,106	666	20	420		7,005	6,647	358	19,500	27
92	50,132					3,738	2,820	111	807		40,817	40,570	247	133,208	28
5	2,300	4	1,350			1,958	1,652	46	260		3,853	3,710	143	17,075	29
18	7,000					161	125	6	30		4,430	4,430		17,300	30
81	44,543					6,909	5,408	451	1,050		115,425	114,577	848	201,715	31
43	24,151	6	2,100			3,644	2,410	264	970		14,457	13,474	983	71,550	32
24	15,308	6	3,298	1	$50	5,873	1,679	282	1,912	2,000	12,908	11,888	1,020	74,380	33
9	5,335					2,039	1,745	99	195		7,627	7,498	129	23,725	34
9	5,750					1,220	720	75	225	200	6,741	6,620	121	20,000	35
6	4,500					1,828	265	19	1,544		3,708	3,678	30	11,960	36
5	1,955					493		125	368		3,276	2,995	281	10,720	37
16	9,900	1	250			4,329	3,135	109	595	490	5,973	5,650	323	29,460	38
662	321,406	232	72,370	8	1,100	107,953	11,766	11,447	61,491	23,249	1,740,207	1,715,813	24,394	2,697,481	39

tombstones, 2; optical goods, 1; paving and paving materials, 2; pickles, preserves, and sauces, 2; roofing and roofing materials, 1; sewing machine repairing, 2; shirts, 1; silk and silk goods, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 2; tools, not elsewhere specified, 1; wood, turned and carved, 2; wool hats, 1; woolen goods, 1; worsted goods, 2.

HOLYOKE.

7,705	$4,025,971	5,150	$1,585,232	599	$119,795	$1,976,024	$117,682	$238,212	$1,352,301	$267,829	$13,673,969	$13,017,607	$656,362	$26,283,964	1
9	4,667			1	260	1,745	1,378	56	311		5,771	5,697	74	20,564	2
28	17,295					2,437	1,913	211	313		12,010	11,368	642	52,420	3
292	158,783	264	80,783	31	3,821	95,511	4,613	5,962	84,936		703,762	697,646	6,116	1,254,943	4
16	8,413					3,507	3,340	10	157		14,684	14,328	356	48,109	5
19	10,064					3,726	2,340	172	1,214		34,971	34,559	412	60,092	6
50	28,254	6	900			7,344	5,219	283	1,842		92,345	89,838	2,507	183,176	7
151	77,414					131,576	813	957	4,936	124,870	295,834	295,604	230	684,174	8
45	23,622					3,305	918	783	1,104	500	15,105	14,377	728	77,093	9
35	22,973	18	5,348			5,972	4,989	179	729	75	36,192	35,801	391	96,057	10
		57	19,811	1	150	2,944	2,514	15	415		9,495	9,117	378	52,741	11
1,168	534,311	1,761	546,063	298	54,252	201,852	667	59,101	142,084		1,661,462	1,602,689	58,773	3,764,848	12
3	1,966	3	1,427			620	480	35	105		1,216	1,025	191	11,800	13
925	539,001	14	5,563	7	1,200	146,113	10,079	15,748	120,286		625,368	607,931	17,437	1,828,444	14
4	2,250					370	292	18	60		5,810	5,768	42	11,900	15
8	1,760					149	120	4	25		834	825	9	4,080	16
99	60,900					17,850		1,669	16,181		208,424	207,399	1,025	339,431	17
35	19,154					1,224	516	283	425		32,940	32,410	530	61,900	18
109	65,442					16,816	100	588	1,128	15,000	165,257	165,147	110	297,099	19
		56	16,143	2	160	7,737	6,160	215	1,362		56,428	55,929	499	101,170	20
6	4,410					1,059	690	87	282		11,491	11,465	26	25,500	21
117	54,464					5,793	3,598	690	1,505		53,913	53,590	323	146,918	22
1,930	993,057	1,462	402,701	7	1,440	707,685		103,028	604,657		4,525,435	4,055,696	469,739	8,109,485	23
211	126,150	170	47,918	14	2,790	87,282	7,530	3,632	76,120		885,778	878,753	7,025	1,284,417	24
4	1,950	3	1,225			2,499	1,947	59	436	57	4,848	4,636	212	21,306	25
24	20,853					810			810		17,900	17,850	50	46,200	26
137	68,615					12,784	5,476	1,123	6,185		163,733	161,739	1,994	302,977	27
110	50,861	33	7,850	15	4,005	31,553	6,025	561	24,757	210	80,087	78,328	1,759	237,648	28
68	51,892	10	5,762	2	312	6,282	1,436	697	2,799	1,350	24,637	22,965	1,672	140,090	29
22	12,300					1,333	322	78	933		15,307	15,258	49	40,057	30
8	4,540					2,331	2,019	125	187		4,548	4,352	196	16,305	31

TABLE 8.—MANUFACTURES IN CITIES

HOLYOKE—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
32	Tobacco, cigars and cigarettes	10	$34,967	$2,775	$2,825	$815	$28,552	11			41	$24,890
33	Watch, clock, and jewelry repairing	12	5,613			2,300	3,313	12			6	4,044
34	Woolen goods	5	1,459,447	85,000	175,000	299,000	900,447	1	21	$35,346	1,021	397,011
35	All other industries[1]	48	4,527,092	260,853	660,626	927,531	2,678,082	42	114	190,898	2,513	1,129,808

[1] Embraces awnings, tents, and sails, 1; belting and hose, leather, 1; boxes, fancy and paper, 2; brass castings and brass finishing, 2; brassware, 1; brick and tile, 1; brooms and brushes, 2; cars and general shop construction and repairs by street railroad companies, 1; clothing, women's, factory product, 1; confectionery, 1; cutlery and edge tools, 1; dyeing and finishing textiles, 1; electrical construction and repairs, 2; electroplating, 1; envelopes, 1; flouring and grist mill products, 2; gas, illuminating and heating, 1; hand stamps, 1; house furnishing goods, not elsewhere specified, 1; ironwork, architectural and ornamental, 1; lead, bar, pipe,

LAWRENCE.

1	All industries	546	$49,914,035	$3,867,090	$5,957,135	$11,734,372	$28,355,438	581	681	$1,011,243	22,358	$8,972,310
2	Bicycle and tricycle repairing	14	26,990	2,250	3,550	7,685	13,505	20			13	7,709
3	Blacksmithing and wheelwrighting	19	26,713	8,000	3,800	5,153	9,760	18			29	19,296
4	Boots and shoes, custom work and repairing.	47	14,468	450	550	4,385	9,083	43			29	13,769
5	Boots and shoes, factory product	3	199,916	100	200	17,545	182,071	5	9	10,850	287	137,530
6	Bottling	5	209,130	30,430	77,800	21,450	79,450	7	12	2,900	28	16,775
7	Bread and other bakery products	25	52,509	7,811	13,900	12,715	18,083	25	9	2,972	74	35,933
8	Brooms and brushes	5	9,448		1,400	1,550	6,498	7			13	7,212
9	Carpentering	37	194,168	12,297	22,431	31,455	127,985	50	1	858	413	217,476
10	Carriages and wagons	10	141,777	28,550	24,550	36,497	52,180	16	3	1,328	76	39,020
11	Clothing, men's, custom work and repairing.	31	55,800			5,050	50,750	33	1	1,000	105	58,414
12	Clothing, women's, dressmaking	44	22,610	900	2,800	4,990	13,920	45			98	30,127
13	Confectionery	11	33,748	700	700	17,350	14,998	13	1	300	43	21,765
14	Cotton goods	7	12,218,152	1,259,400	1,877,108	3,822,224	5,259,420	1	78	156,122	6,007	2,336,201
15	Dyeing and cleaning	3	11,250		2,000	5,500	3,750	4	1	300	13	6,748
16	Dyeing and finishing textiles	3	324,650	49,688	79,402	101,697	93,863	1	11	19,475	199	71,019
17	Flouring and grist mill products	3	219,800	21,000	21,500	21,500	155,800	6	11	9,308	36	23,150
18	Foundry and machine shop products	26	1,647,708	114,357	289,613	353,552	890,186	26	65	66,278	822	429,569
19	Furniture, cabinetmaking, repairing, and upholstering.	6	3,100			1,060	2,040	6			10	5,317
20	Kindling wood	3	4,700	2,000	500	700	1,500	4			4	1,900
21	Lock and gun smithing	6	7,700	700	800	2,500	3,700	7			2	1,400
22	Lumber, planing mill products, including sash, doors, and blinds.	3	256,465	39,000	70,056	27,971	119,438	1	13	12,439	128	72,982
23	Masonry, brick and stone	14	120,882	12,732	6,740	20,850	80,560	16	4	2,200	224	127,333
24	Millinery, custom work	27	60,837	2,000	1,500	1,812	55,525	29	3	1,500	77	27,621
25	Monuments and tombstones	4	17,870	7,300	2,450	2,870	5,250	6	1	800	16	12,996
26	Painting, house, sign, etc	32	45,075	2,800	2,750	9,675	29,850	39	2	660	118	63,136
27	Paper and wood pulp	5	1,349,729	133,889	426,251	370,914	418,675		26	52,914	441	199,473
28	Paving and paving materials	3	9,200	2,100	300	2,300	4,500	5			13	7,851
29	Photography	10	14,875			10,400	4,475	11			14	7,310
30	Plastering and stuccowork	5	5,550	700	400	975	3,475	6			14	7,880
31	Plumbing, and gas and steam fitting	17	102,460	17,630	5,800	13,970	65,060	20	7	3,780	120	71,852
32	Printing and publishing, book and job	6	20,470	1,000	700	15,900	2,870	8	1	750	14	5,625
33	Printing and publishing, newspapers and periodicals.	10	126,950	9,000	4,200	92,300	21,450	13	7	6,650	124	67,962
34	Saddlery and harness	10	12,460	720	300	1,715	9,725	10			6	3,720
35	Tinsmithing, coppersmithing, and sheet-iron working.	4	68,085	13,500	13,700	10,585	30,300	4	6	7,200	44	20,638
36	Tobacco, cigars and cigarettes	8	7,598		280	690	6,628	6			12	5,868
37	Watch, clock, and jewelry repairing	19	29,780	750	700	4,255	24,075	18			18	11,870
38	Wood, turned and carved	6	289,045	85,000	48,775	95,458	59,812	4	7	5,972	307	81,267
39	Woolen goods	3	446,621	33,300	106,535	121,505	185,281	2	15	25,417	457	193,078
40	Worsted goods	9	29,408,280	1,750,023	2,499,567	5,726,034	19,432,656	4	310	512,975	10,998	4,022,349
41	All other industries[1]	43	2,097,466	217,013	343,527	729,635	807,291	42	77	106,295	912	481,169

[1] Embraces awnings, tents, and sails, 1; belting and hose, leather, 2; billiard tables and materials, 1; bookbinding and blank book making, 1; boot and shoe cut stock, 1; boxes, wooden packing, 2; brass castings and brass finishing, 2; carriage and wagon materials, 1; cars and general shop construction and repairs by steam railroad companies, 1; coffee and spice, roasting and grinding, 1; cotton small wares, 1; dye stuffs and extracts, 1; electrical construction and repairs, 1; electroplating, 1; engraving and diesinking, 1; files, 1; food preparations, 1; gas, illuminating and heating, 1; hosiery and knit goods, 1; jute and jute goods, 1;

LOWELL.

1	All industries	981	$46,578,193	$3,602,780	$6,706,287	$8,310,868	$27,958,258	1,049	820	$992,781	31,377	$11,821,633
2	Bicycle and tricycle repairing	18	14,095		900	6,225	6,970	20	2	550	26	13,114
3	Blacksmithing and wheelwrighting	43	47,736	6,100	6,150	9,335	26,151	45	1	520	59	34,507
4	Boots and shoes, custom work and repairing.	79	16,688	2,100	1,350	7,320	5,918	75			48	20,044
5	Boots and shoes, factory product	4	373,381	234	1,500	31,541	340,106	5	14	15,670	505	193,533
6	Boxes, wooden packing	7	443,488	152,023	98,267	71,353	121,845	10	13	9,876	261	104,061
7	Bread and other bakery products	57	140,669	19,700	38,500	40,522	41,947	71	34	12,163	199	98,923
8	Brooms and brushes	3	4,250			1,400	2,850	3			4	1,456
9	Carpentering	66	200,577	14,010	19,050	33,885	133,632	73	10	7,064	368	210,032
10	Carriages and wagons	9	88,249	26,000	12,550	7,011	42,688	12	4	1,650	74	44,729
11	Clothing, men's, custom work and repairing.	38	48,565	1,220	980	3,835	42,530	39	13	5,113	129	59,183

BY SPECIFIED INDUSTRIES: 1900—Continued.

HOLYOKE—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
35	$22,557	5	$2,073	1	$260	$9,005	$970	$151	$7,884		$28,516	$28,361	$155	$73,149	32
6	4,044					1,096	1,000		96		2,723	2,690	33	14,480	33
664	286,854	307	100,549	50	9,608	105,674	11,266	9,278	85,130		770,692	749,515	21,177	1,424,897	34
1,372	747,155	971	341,116	170	41,537	350,040	28,952	32,414	162,907	$125,767	3,106,453	3,044,951	61,502	5,450,494	35

and sheet, 1; lithographing and engraving, 1; looking-glass and picture frames, 2; lumber and timber products, 2; mineral and soda waters, 1; models and patterns, 1; mucilage and paste, 1; musical instruments and materials, not specified, 1; patent medicines and compounds, 1; paving and paving materials, 1; rubber and elastic goods, 1; screws, wood, 1; shoddy, 1; silk and silk goods, 2; tinsmithing, coppersmithing, and sheet-iron working, 2; trunks and valises, 1; vinegar and cider, 1; wire, 1; worsted goods, 1.

LAWRENCE.

12,998	$5,929,767	8,542	$2,856,361	818	$186,182	$2,210,145	$107,659	$251,432	$1,524,398	$326,656	$26,175,644	$25,593,234	$582,410	$44,703,278	1
13	7,709					3,359	1,694	234	781	650	14,054	13,106	948	35,385	2
28	18,996			1	300	2,799	2,232	220	347		10,587	9,545	1,042	43,322	3
29	13,769					5,993	5,138	190	665		14,650	13,949	701	53,254	4
212	109,205	75	28,325			9,628	2,506	376	6,746		559,426	558,115	1,311	766,443	5
28	16,775					29,535		1,560	27,975		183,486	178,310	5,176	267,352	6
57	30,815	15	4,763	2	355	8,349	4,282	475	3,592		116,967	112,081	4,886	201,087	7
13	7,212					1,492	927	85	480		18,862	18,676	186	35,085	8
413	217,476					126,529	940	1,014	11,110	113,465	440,196	437,834	2,362	883,345	9
76	39,020					4,431	926	465	2,690	350	54,164	52,215	1,949	123,501	10
70	45,248	35	13,166			11,384	8,610	289	2,485		56,734	55,727	1,007	171,384	11
1	1,060	97	29,067			5,612	4,385	102	1,125		27,545	26,697	848	92,931	12
28	16,700	14	4,965	1	100	8,653	6,442	226	1,985		59,403	58,012	1,391	120,534	13
2,921	1,251,282	2,899	1,042,076	187	42,843	596,148	202	94,257	387,107	114,582	4,227,357	4,115,651	111,706	8,146,594	14
7	4,288	6	2,460			1,907	1,452	33	422		1,614	799	815	14,500	15
153	57,158	46	13,861			8,999		3,879	5,120		122,593	98,002	24,591	239,017	16
36	23,150					19,388	1,200	1,938	16,250		1,304,945	1,300,145	4,800	1,608,224	17
757	407,698	64	21,684	1	187	70,203	8,100	9,462	52,091	550	566,377	540,712	25,665	1,333,833	18
10	5,317					1,259	943	15	301		6,694	6,617	77	19,450	19
4	1,900					360	264	61	35		4,235	4,097	138	9,715	20
3	1,400					688	491	64	133		2,330	2,201	129	7,050	21
128	72,982					18,487	64	1,239	16,384	800	124,814	124,164	650	248,700	22
224	127,333					54,449	790	601	4,199	48,859	195,859	194,694	1,165	423,823	23
1	300	76	27,321			16,658	13,393	524	2,741		52,234	51,321	913	129,838	24
16	12,996					1,097	540	148	409		11,555	11,025	530	32,850	25
116	62,521	1	225	1	390	6,417	3,038	259	2,920	200	36,582	36,161	421	138,892	26
372	182,714	69	16,759			70,394	62	9,300	61,032		624,188	530,856	93,332	1,070,415	27
13	7,851					2,544	60	62	2,422		10,723	10,548	175	28,965	28
10	5,410	4	1,900			4,607	3,516	136	955		9,045	8,670	375	30,663	29
14	7,880					512	210	26	276		9,198	9,158	40	22,913	30
119	71,552	1	300			8,193	3,890	775	3,528		111,754	110,817	937	245,468	31
12	5,100	1	375	1	150	1,673	1,126	80	467		8,719	8,566	153	22,199	32
111	62,456	8	4,534	5	972	10,806	3,560	775	6,471		38,992	35,356	3,636	163,775	33
6	3,720					2,016	1,500	93	223	200	6,533	6,341	192	19,450	34
43	20,388	1	250			1,591	420	575	596		54,382	53,085	1,297	98,584	35
10	5,548	1	200	1	120	3,366	961	66	2,339		9,463	9,363	100	24,837	36
17	11,470	1	400			8,588	6,059	218	2,311		13,099	12,571	528	54,512	37
307	81,267					6,628	1,507	827	4,294		150,239	148,320	1,919	269,962	38
254	119,747	182	68,942	21	4,389	70,798	492	5,203	48,833	16,270	593,301	584,430	8,871	906,606	39
5,483	2,318,103	4,925	1,569,070	590	135,176	852,131	5,652	96,128	719,621	30,730	15,334,169	15,083,940	250,229	24,678,138	40
884	474,251	21	5,718	7	1,200	152,474	10,085	19,452	122,937		988,576	961,357	27,219	1,920,682	41

leather goods, 2; liquors, malt, 1; marble and stone work, 1; mineral and soda waters, 2; models and patterns, 1; musical instruments, pianos and materials, 1; paper hanging, 1; patent medicines and compounds, 1; roofing and roofing materials, 2; sausage, 2; sewing machines and attachments, 1; ship and boat building, wooden, 1; soap and candles, 2; wool scouring, 2.

LOWELL.

17,082	$7,862,328	12,986	$3,710,401	1,309	$248,904	$4,639,877	$234,276	$413,044	$3,814,451	$178,106	$21,727,844	$21,132,505	$595,339	$44,774,525	1
26	13,114					4,153	3,088	96	969		12,733	12,265	468	39,477	2
56	34,059			3	448	7,549	5,338	231	1,980		35,893	33,780	2,113	127,174	3
46	19,904	2	140			7,708	6,698	101	909		32,287	31,752	535	101,003	4
300	133,343	154	52,276	51	7,914	36,340	5,402	798	30,140		674,657	672,137	2,520	957,035	5
260	103,781			1	280	29,525	1,912	4,871	22,742		343,458	343,258	200	517,665	6
164	88,258	32	10,172	3	493	34,001	17,093	1,957	14,951		324,573	314,461	10,112	588,676	7
2	832	2	624			422	336	12	74		5,351	5,291	60	10,760	8
368	210,032					131,706	4,941	770	13,665	112,330	371,113	370,203	910	846,083	9
74	44,729					10,673	3,809	886	5,378	600	39,088	37,403	1,685	119,115	0
69	39,083	60	20,100			15,596	10,089	368	4,903	236	68,684	68,280	404	186,540	1

TABLE 8.—MANUFACTURES IN CITIES

LOWELL—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
12	Clothing, women's, dressmaking	155	$41,055	$2,460	$2,420	$14,776	$21,399	156	3	$1,640	328	$98,639
13	Confectionery	10	8,220	600	400	2,495	4,725	10	5	805	9	4,104
14	Cotton goods	5	21,354,927	1,301,438	3,795,104	3,826,095	12,432,290	2	115	248,230	13,730	4,784,706
15	Dyeing and cleaning	7	5,525	800	700	3,150	875	7	1	300	12	4,971
16	Electrical construction and repairs	6	30,938			1,870	29,068	9	7	2,683	25	11,413
17	Flouring and grist mill products	3	12,000	2,000	2,000	4,600	3,400	3	1	312	2	1,467
18	Food preparations	3	6,650	2,000	2,500	1,050	1,100	3	1	1,000	7	1,288
19	Foundry and machine shop products	47	6,144,897	413,549	588,085	532,186	4,611,077	52	98	158,494	2,938	1,477,419
20	Furniture, cabinetmaking, repairing, and upholstering.	14	26,326	1,700	1,300	3,105	20,221	20	1	300	30	15,589
21	Furniture, factory product	3	29,900			5,400	24,500	3	1	468	45	16,800
22	Hand stamps	4	2,526			1,710	816	4	1	150	3	1,705
23	Hosiery and knit goods	8	3,135,987	271,705	460,209	561,773	1,842,300	1	57	73,949	4,165	1,276,372
24	Leather, tanned, curried, and finished	3	1,437,948	12,500	150,076	235,296	1,040,076	4	9	22,475	543	264,671
25	Lock and gun smithing	6	2,525			1,025	1,500	6			3	1,118
26	Looking-glass and picture frames	7	10,775	800	700	850	8,425	8	2	450	27	12,554
27	Lumber, planing mill products, including sash, doors, and blinds.	4	145,683	14,000	8,000	13,729	109,954	6	2	1,248	87	48,432
28	Marble and stone work	3	21,348	2,000	5,030	4,865	9,453	4	1	100	6	3,133
29	Masonry, brick and stone	26	97,901	4,576	8,900	36,295	48,130	30	3	2,568	362	139,942
30	Millinery, custom work	37	81,834	1,700	3,700	3,300	73,134	41	41	13,315	145	52,583
31	Mineral and soda waters	4	100,254	4,250	13,500	22,348	60,156	2	6	8,370	51	24,755
32	Monuments and tombstones	9	23,555	1,425	2,175	4,165	15,790	14	1	400	39	21,577
33	Painting, house, sign, etc	47	41,631	3,925	785	5,825	31,096	56	5	2,216	147	74,638
34	Paper hanging	6	25,638			8,813	16,825	7	5	2,656	43	20,512
35	Patent medicines and compounds	10	824,412	103,300	124,300	132,108	464,704	10	116	119,632	391	140,921
36	Photography	14	22,725	1,000	4,000	8,700	9,025	14	4	1,564	21	8,725
37	Plastering and stuccowork	7	7,220		10	2,540	4,670	9	1	800	28	20,791
38	Plumbing, and gas and steam fitting	34	177,196	13,848	27,390	10,195	125,763	40	26	18,185	157	90,535
39	Printing and publishing, book and job	16	64,932			43,084	21,848	21	8	2,811	53	28,592
40	Printing and publishing, newspapers and periodicals.	6	166,065			110,066	55,999	5	39	34,346	152	94,005
41	Roofing and roofing materials	9	19,815	2,200	2,960	3,130	11,525	10	1	300	25	12,976
42	Rubber and elastic goods	3	136,215	14,500	25,286	46,963	49,466	2	7	7,467	103	23,433
43	Saddlery and harness	13	24,295	7,550	3,900	4,200	8,645	12	4	1,710	21	11,896
44	Tinsmithing, coppersmithing, and sheet-iron working.	12	36,100	500	1,500	10,294	23,806	14	9	3,455	40	22,630
45	Tobacco, cigars and cigarettes	4	113,900	56,000	13,500	800	43,600	4	3	2,469	27	13,660
46	Watch, clock, and jewelry repairing	24	10,785			4,885	5,900	21			19	11,993
47	Wirework, including wire rope and cable.	4	40,100	8,000	4,000	8,400	19,700	2	5	4,896	67	27,166
48	Wood, turned and carved	4	158,163	12,000	31,632	64,783	49,748	3	3	2,580	259	69,764
49	Woolen goods	5	3,392,280	487,000	237,278	401,000	2,267,002		37	63,262	1,573	566,059
50	Worsted goods	3	781,644	800	3,500	112,335	665,009	4	14	18,459	923	315,709
51	All other industries[1]	69	6,436,605	633,267	1,002,200	1,840,237	2,960,901	77	86	121,110	3,098	1,224,808

[1] Embraces ammunition, 1; artificial limbs, 1; awnings, tents, and sails, 2: belting and hose, leather, 2; bookbinding and blank book making, 2; boot and shoe cut stock, 1; boot and shoe findings, 2; bottling, 1; boxes, fancy and paper, 2; brass castings and brass finishing, 1; carpets and rugs, other than rag, 1; cleansing and polishing preparations, 1; clothing, women's, factory product, 1; coffee and spice, roasting and grinding, 1; coffins, burial cases, and undertakers' goods, 1; corsets, 1; cotton small wares, 1; cutlery and edge tools, 1; electrical apparatus and supplies, 2; electroplating, 1; engraving and diesinking, 1; engraving, wood, 1; files, 1; flavoring extracts, 2; gas, illuminating and heating, 1; glue, 1; hats and caps, not including fur hats and wool hats, 1; iron and steel, bolts, nuts, washers,

LYNN.

1	All industries	776	$17,011,761	$484,726	$1,276,559	$3,279,871	$11,970,605	959	1,231	$980,868	17,492	$8,576,042
2	Bicycle and tricycle repairing	14	9,815	200	190	4,975	4,450	15			11	5,337
3	Blacking	12	52,011	500	500	7,126	43,885	18	17	10,155	16	10,633
4	Blacksmithing and wheelwrighting	32	48,560	4,250	10,850	13,635	19,825	32	1	600	55	32,659
5	Boot and shoe cut stock	60	2,566,045	45,900	109,600	139,679	2,270,866	87	64	58,406	1,049	438,408
6	Boot and shoe findings	24	251,395	8,200	2,900	52,535	187,760	37	29	21,825	359	126,905
7	Boots and shoes, custom work and repairing.	51	16,604	1,200	1,150	8,022	6,232	51			22	8,640
8	Boots and shoes, factory product	123	5,570,928	20,750	93,006	1,277,788	4,179,384	185	504	403,288	8,652	4,203,719
9	Boxes, fancy and paper	7	233,153	21,100	31,389	64,643	116,021	6	19	15,752	292	118,558
10	Bread and other bakery products	28	82,095	15,200	19,400	28,855	18,640	29	14	6,100	103	54,494
11	Brick and tile	3	62,850	15,500	4,800	2,400	40,150	3			17	9,748
12	Carpentering	36	276,113	33,150	44,000	61,408	137,555	42	5	2,870	232	154,043
13	Carriages and wagons	8	100,798	11,600	26,500	24,100	38,598	11	2	5,600	72	48,274
14	Clothing, men's, custom work and repairing.	36	85,015			10,288	74,727	40	5	2,900	165	76,734
15	Clothing, men's, factory product	3	12,055		2,100	2,380	7,575	4	3	1,220	14	4,840
16	Clothing, women's, dressmaking	11	3,160			1,035	2,125	11			27	8,565
17	Confectionery	8	33,345	1,700	5,500	7,729	18,416	9	4	1,920	39	17,513
18	Cutlery and edge tools	6	18,200	3,500	1,700	6,550	6,450	7	2	1,040	20	12,866
19	Electrical apparatus and supplies	3	2,908,116	42,500	526,000	392,624	1,946,992	2	313	235,980	3,166	1,721,442
20	Electrical construction and repairs	4	18,013	500	300	2,204	15,009	7			26	15,100
21	Foundry and machine shop products	28	561,820	22,500	27,600	198,255	313,465	35	35	32,296	441	248,806

BY SPECIFIED INDUSTRIES: 1900—Continued.

LOWELL—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
1	$472	327	$98,167			$20,321	$16,774	$145	$3,402		$96,023	$95,061	$962	$310,097	12
6	3,285	3	819			5,234	4,024	66	1,144		20,053	19,637	416	40,329	13
6,293	2,709,165	6,793	1,936,934	644	$138,607	1,397,294	2,692	207,265	1,183,180	$4,157	8,774,009	8,505,575	268,434	17,088,576	14
7	3,078	5	1,893			3,063	2,038	123	702	200	2,443	1,732	711	16,186	15
25	11,413					2,871	1,600	53	1,218		17,974	17,410	564	50,405	16
2	1,467					1,133	550	107	476		55,766	54,960	806	62,790	17
1	400	1	200	5	688	655	280	65	310		4,491	4,340	151	9,099	18
2,921	1,473,461	12	2,946	5	1,012	400,289	11,885	42,393	299,367	46,644	1,601,056	1,550,160	50,896	4,258,047	19
27	14,664	3	925			3,791	2,279	129	1,383		34,351	34,107	244	67,937	20
44	16,450	1	350			3,739	2,452	117	1,170		19,209	18,689	520	52,800	21
2	1,555	1	150			678	576	2	100		919	851	68	7,404	22
1,068	475,006	2,800	753,387	297	47,979	218,062	290	33,445	184,327		1,153,237	1,117,751	35,486	3,148,110	23
543	264,671					17,885	1,500	3,729	12,656		1,173,366	1,141,439	31,927	1,730,658	24
3	1,118					940	630	11	299		1,551	1,436	115	6,460	25
27	12,554					3,804	2,160	126	1,218	300	13,237	13,182	55	40,255	26
87	48,432					10,249	3,122	1,299	5,828		123,942	121,542	2,400	210,499	27
6	3,133					963	176	146	641		1,172	1,114	58	7,637	28
362	139,942					20,269	1,229	599	15,441	3,000	175,768	174,357	1,411	417,676	29
		144	52,442	1	141	31,777	22,023	969	8,785		137,028	136,819	209	280,107	30
45	19,639	5	4,921	1	195	16,357	1,038	450	14,869		35,494	34,784	710	94,873	31
39	21,577					2,269	287	472	1,510		8,308	8,190	118	49,595	32
147	74,638					10,589	5,561	225	4,803		47,790	47,535	255	178,210	33
43	20,512					4,335	2,914	210	1,211		34,862	34,788	74	76,341	34
197	88,961	192	51,418	2	542	1,075,238	1,664	7,469	1,066,105		404,737	401,170	3,567	1,784,338	35
13	5,917	8	2,808			8,388	5,213	224	2,251	700	10,371	10,242	129	41,071	36
28	20,791					1,777	625	11	1,141		17,416	17,404	12	48,343	37
157	90,535					23,959	8,803	1,826	13,330		199,198	197,808	1,390	399,407	38
49	27,537	1	605	3	450	7,873	4,595	344	2,919	15	29,435	27,280	2,155	85,790	39
136	83,405	13	10,210	3	390	29,682	6,688	1,462	21,532		80,797	77,840	2,957	299,641	40
24	12,880			1	96	3,042	551	86	2,405		47,567	47,442	125	74,649	41
36	12,118	67	11,315			6,389	60	979	5,350		91,946	88,406	3,540	152,329	42
21	11,896					2,384	1,464	192	728		27,639	27,415	224	51,410	43
39	22,430			1	200	6,034	2,753	332	2,644	305	31,042	30,499	543	82,281	44
21	12,334	5	1,166	1	160	5,082	220	208	4,654		16,257	16,147	110	40,785	45
19	11,993					6,492	5,483	122	787	100	5,028	4,835	193	37,078	46
58	25,408	1	364	8	1,394	3,419	1,364	445	1,610		30,170	28,703	1,467	89,283	47
250	68,424			9	1,340	6,507	744	858	4,905		73,821	71,730	2,091	169,230	48
934	377,499	607	183,334	32	5,226	184,564	6,400	30,824	147,340		1,999,662	1,955,489	44,173	3,275,613	49
358	156,766	495	146,835	70	12,108	83,981	16,261	3,251	61,050	3,419	803,184	770,658	32,526	1,413,652	50
1,678	829,667	1,252	365,900	168	29,241	730,826	26,602	62,175	635,949	6,100	2,419,688	2,335,148	84,540	5,082,006	51

and rivets, 1; ironwork, architectural and ornamental, 1; leather goods, 2; liquors, malt, 1; lumber and timber products, 1; mattresses and spring beds, 1; models and patterns, 1; musical instruments and materials, not specified, 1; musical instruments, organs and materials, 1; needles and pins, 1; paper goods, not elsewhere specified, 2; paving and paving materials, 2; perfumery and cosmetics, 1; pickles, preserves, and sauces, 2; sausage, 1; scales and balances, 2; screws, machine, 2; sewing machine repairing, 1; shirts, 1; soap and candles, 1; sporting goods, 1; stationery goods, not elsewhere specified, 1; stencils and brands, 2; stereotyping and electrotyping, 1; taxidermy, 1; trunks and valises, 1; vinegar and cider, 1; windmills, 1.

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12,352	$6,948,745	5,035	$1,600,722	105	$26,575	$2,270,595	$320,791	$75,271	$1,618,382	$256,151	$25,456,798	$25,240,548	$216,250	$41,633,845	1
11	5,337					1,938	1,549	51	288	50	11,806	11,515	291	25,430	2
16	10,633					16,871	5,930	143	10,798		65,611	65,191	420	172,054	3
54	32,409			1	250	4,326	3,284	366	676		33,894	32,072	1,822	110,230	4
857	384,347	191	53,801	1	260	134,808	35,458	10,483	86,567	2,300	6,225,491	6,212,802	12,689	7,385,106	5
237	98,748	120	27,757	2	400	22,157	10,655	942	10,560		527,868	525,133	2,735	765,797	6
20	7,840	2	800			6,535	5,494	32	759	250	20,264	19,805	459	61,706	7
5,047	2,999,668	3,600	1,202,444	5	1,607	798,851	115,665	16,562	483,631	182,993	10,298,891	10,231,766	67,125	16,830,733	8
117	56,586	175	61,972			22,010	4,980	2,186	14,844		213,365	210,316	3,049	416,563	9
86	48,597	17	5,897			12,288	7,833	542	3,583	330	147,660	142,897	4,763	283,456	10
17	9,748					650	300	350			5,470	970	4,500	23,750	11
232	154,043					62,318	4,799	1,702	3,296	52,521	329,351	325,829	3,522	637,337	12
72	48,274					6,715	4,010	910	1,795		54,156	52,318	1,838	91,299	13
75	44,545	90	32,189			17,557	10,854	172	3,431	3,100	80,070	79,027	1,043	233,308	14
2	986	12	3,854			2,422	416	89	1,917		19,219	18,933	286	34,185	15
1	850	26	7,715			1,570	1,495		75		3,230	3,152	78	19,700	16
34	16,420	5	1,093			9,688	3,835	163	5,690		46,076	44,995	1,081	93,978	17
20	12,866					1,460	945	121	394		4,724	4,159	565	30,550	18
2,731	1,589,179	344	109,109	91	23,154	113,856	4,162	16,250	93,444		3,031,645	3,021,770	9,875	5,840,668	19
26	15,100					1,063	635	68	360		30,103	29,941	162	56,437	20
441	248,806					46,892	16,410	2,090	23,022	5,370	263,540	248,877	14,663	858,564	21

TABLE 8.—MANUFACTURES IN CITIES

LYNN—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
22	Furniture, cabinetmaking, repairing, and upholstering.	8	$8,450			$3,000	$5,450	10	1	$715	9	$5,260
23	Lasts	5	77,897	$5,000	$6,500	27,005	39,392	10	6	5,410	63	36,490
24	Leather, tanned, curried, and finished	12	1,031,025	18,300	45,000	125,216	842,509	17	51	35,162	688	282,318
25	Lock and gun smithing	6	2,623		38	1,660	925	6			2	750
26	Marble and stone work	3	68,765	7,000	4,100	27,700	29,965	5	1	780	30	14,892
27	Masonry, brick and stone	11	66,475	7,800	10,700	11,450	36,525	13	5	3,100	121	48,632
28	Millinery, custom work	16	42,835		5,000	660	37,175	18	18	6,552	33	12,110
29	Mineral and soda waters	5	61,600	11,000	18,000	15,150	17,450	4	1	600	24	15,196
30	Models and patterns	13	29,591	300	350	15,229	13,712	19	3	2,250	58	20,632
31	Monuments and tombstones	4	27,622	300	3,600	1,571	22,151	6			17	13,271
32	Painting, house, sign, etc	32	50,605	4,380	2,700	12,130	31,395	38	1	780	119	69,711
33	Patent medicines and compounds	5	741,010	4,946	72,712	13,337	650,015	3	15	18,400	324	44,074
34	Photography	7	19,834			8,337	11,497	7			7	3,440
35	Plumbing, and gas and steam fitting	30	90,403	100	500	17,429	72,374	38	13	6,254	140	83,808
36	Printing and publishing, book and job	14	104,141			75,773	28,368	18	8	6,050	83	41,751
37	Printing and publishing, newspapers and periodicals.	5	107,700	14,000	26,000	34,800	32,900	4	8	6,482	77	49,756
38	Saddlery and harness	8	40,823	5,000	12,500	3,550	19,773	8			10	5,040
39	Sewing machine repairing	4	2,225			1,075	1,150	2			4	2,913
40	Soap and candles	3	130,287	37,100	19,100	12,265	61,822	4	8	6,000	39	17,448
41	Tobacco, cigars and cigarettes	8	23,175			975	22,200	9	5	3,000	16	12,920
42	Tools, not elsewhere specified	4	10,393	500	1,000	5,707	3,186	5			10	4,405
43	Watch, clock, and jewelry repairing	17	14,905		2,000	7,675	5,230	17			10	5,450
44	All other industries[1]	59	1,349,286	120,750	139,274	551,946	537,316	67	70	79,381	880	468,491

[1] Embraces artists' materials, 1; awnings, tents, and sails, 2; bookbinding and blank book making, 2; bottling, 2; boxes, wooden packing, 1; brooms and brushes, 1; carriage and wagon materials, 1; clothing, women's, factory product, 2; cooperage, 1; dyeing and cleaning, 1; fancy articles, not elsewhere specified, 2; flavoring extracts, 2; flouring and grist mill products, 1; food preparations, 1; fur goods, 1; fur hats, 1; gas, illuminating and heating, 1; hand stamps, 1; hardware, 1; iron and steel, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; lard, refined, 1; leather goods, 2; liquors, vinous, 1; looking-glass and picture frames, 2; lumber, planing mill products, including sash, doors, and blinds, 1; mattresses and spring beds, 1; mucilage and paste, 2;

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1	All industries	242	$5,906,279	$322,972	$511,851	$852,160	$4,219,296	261	129	$133,575	3,082	$1,520,658
2	Bicycle and tricycle repairing	6	3,250		200	2,250	800	8			4	2,235
3	Blacksmithing and wheelwrighting	21	14,483	500	875	5,593	7,515	23			28	17,425
4	Boots and shoes, custom work and repairing.	19	4,398	300	400	2,415	1,283	19			9	3,971
5	Bread and other bakery products	8	13,310	750	400	7,010	5,150	8	6	3,120	31	17,460
6	Carpentering	39	137,095	7,500	9,900	14,250	105,445	44	2	1,120	249	165,447
7	Clothing, men's, custom work and repairing.	10	9,640			1,915	7,725	11			23	12,563
8	Clothing, women's, dressmaking	17	1,926			1,271	655	18			23	8,422
9	Confectionery	3	6,824			4,850	1,974	3	10	1,804	5	2,164
10	Furniture, cabinetmaking, repairing, and upholstering.	4	2,480			350	2,130	5			9	4,850
11	Lumber, planing mill products, including sash, doors, and blinds.	3	32,850		1,500	6,500	24,850	3			41	22,474
12	Masonry, brick and stone	6	10,328			7,628	2,700	7			80	36,545
13	Millinery, custom work	8	15,682	5,300	2,790	317	7,275	8			24	9,424
14	Painting, house, sign, etc	18	11,485	900	750	4,220	5,615	19			40	26,672
15	Photography	3	3,775		150	2,850	775	3				
16	Plastering and stuccowork	5	1,920			620	1,300	8			14	10,058
17	Plumbing, and gas and steam fitting	12	19,860			3,650	16,210	14	7	2,747	31	24,580
18	Printing and publishing, book and job	7	21,845			19,000	2,845	9			23	9,966
19	Printing and publishing, newspapers and periodicals.	3	39,507	10,000	1,500	19,059	8,948	1	6	6,572	18	7,666
20	Saddlery and harness	3	3,475			725	2,750	3			4	2,500
21	Tinsmithing, coppersmithing, and sheet-iron working.	3	8,959			3,534	5,425	3	3	1,750	8	3,080
22	Watch, clock, and jewelry repairing	4	2,100			1,400	700	5			1	576
23	All other industries[1]	40	5,541,087	297,722	493,386	742,753	4,007,226	39	95	116,462	2,417	1,132,580

[1] Embraces bookbinding and blank book making, 1; boots and shoes, rubber, 1; boxes, wooden packing, 1; brooms and brushes, 1; carriages and wagons, 1; chemicals, 1; cordage and twine, 1; cotton goods, 1; dyeing and cleaning, 1; dyeing and finishing textiles, 1; electrical apparatus and supplies, 1; electrical construction and repairs, 1; fancy articles, not elsewhere specified, 1; flavoring extracts, 1; foundry and machine shop products, 2; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; hosiery and knit goods, 1; lasts, 2; leather, tanned, curried, and finished, 1; lock and gun smithing, 1; marble and

NEW BEDFORD.

1	All industries	618	$29,073,410	$1,234,080	$5,191,403	$12,125,407	$10,522,520	681	487	$566,457	16,409	$6,730,793
2	Bicycle and tricycle repairing	23	30,205	3,220	7,755	7,330	11,900	23	2	1,212	25	11,330
3	Blacksmithing and wheelwrighting	39	49,145	8,120	10,050	9,300	21,675	42			44	25,281
4	Boots and shoes, custom work and repairing.	71	19,125	1,150	2,150	9,380	6,445	72			18	9,212
5	Bottling	6	35,350	6,500	9,800	10,000	9,050	11	2	1,404	37	18,500
6	Bread and other bakery products	32	216,385	21,000	36,100	97,950	61,335	35	41	24,428	181	91,977

BY SPECIFIED INDUSTRIES: 1900—Continued.

LYNN—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
9	$5,260					$2,167	$1,624	$33	$510		$11,830	$11,721	$109	$26,850	22
63	36,490					6,225	2,685	351	3,189		29,275	27,497	1,778	99,738	23
637	281,968	1	$350			65,997	15,896	4,605	45,496		2,038,574	2,017,651	20,923	2,451,423	24
1	500			1	$250	1,230	1,082	12	136		1,177	1,070	107	7,250	25
30	14,892					1,785	133	202	1,450		26,285	25,670	615	54,880	26
121	48,632					7,480	400	240	5,280	$1,560	71,221	70,598	623	162,902	27
		33	12,110			12,036	9,814	643	1,579		77,824	77,636	188	134,950	28
24	15,196					4,996	696	500	3,800		14,147	13,072	1,075	53,700	29
49	18,779	9	1,853			4,788	3,150	78	1,560		18,002	17,632	370	74,290	30
17	13,271					2,789	310	62	717	1,700	9,923	9,801	122	38,406	31
119	69,711					6,685	3,900	277	2,156	352	36,857	36,006	851	153,382	32
107	16,100	217	27,974			641,105	1,076	1,634	638,395		273,087	272,092	995	1,338,833	33
3	1,612	4	1,828			3,760	2,176	46	888	650	4,774	4,467	307	20,560	34
140	83,808					14,891	8,388	561	3,192	2,750	134,288	132,901	1,387	304,550	35
77	39,509	4	1,900	2	342	7,381	4,522	313	2,546		44,829	43,175	1,654	141,452	36
72	48,344	3	1,100	2	312	6,077	1,360	647	2,070	2,000	17,670	16,720	950	102,808	37
10	5,040					2,390	1,520	355	515		11,717	11,492	225	28,270	38
4	2,913					736	458	70	208		1,750	1,530	220	7,900	39
33	16,248	6	1,200			11,269		1,094	10,175		78,661	76,631	2,030	146,379	40
16	12,920					12,351	1,160	68	11,123		27,380	27,344	36	74,811	41
10	4,405					899	500	89	310		3,405	3,055	350	17,263	42
10	5,450					3,933	2,899	105	804	125	8,757	8,658	99	35,689	43
704	422,715	176	45,776			165,650	18,333	10,064	137,153	100	1,102,931	1,052,661	50,270	2,186,708	44

musical instruments and materials, not specified, 2; needles and pins, 1; oil, not elsewhere specified, 1; ordnance and ordnance stores, 1; paper hanging, 1; paper hangings, 1; paving and paving materials, 1; phonographs and graphophones, 1; plumbers' supplies, 1; roofing and roofing materials, 2; rubber and elastic goods, 1; sand and emery paper and cloth, 1; shirts, 1; stencils and brands, 2; surgical appliances, 1; taxidermy, 1; tinsmithing, coppersmithing, and sheet-iron working, 2; wood, turned and carved, 1.

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1,907	$1,131,048	1,132	$381,848	43	$7,762	$790,518	$39,902	$74,263	$563,043	$113,310	$4,607,400	$4,549,587	$57,813	$7,959,292	1
4	2,235					848	597	19	232		3,976	3,780	196	11,632	2
27	17,200			1	225	4,489	2,928	27	1,534		14,533	13,609	924	57,551	3
9	3,971					1,878	1,360	10	508		10,188	10,016	172	26,776	4
23	15,192	8	2,268			2,980	2,486	66	428		60,510	59,288	1,222	110,200	5
249	165,447					116,613	1,952	659	4,522	109,480	309,431	308,136	1,295	701,855	6
10	7,669	13	4,894			2,241	1,843	39	359		12,882	12,653	229	37,595	7
		23	8,422			1,872	1,754		118		2,483	2,408	75	23,069	8
3	1,660	2	504			10,359	1,488	29	8,842		11,867	11,412	455	30,979	9
7	4,100	2	750			1,110	990		120		4,081	4,050	31	14,250	10
41	22,474					4,696	1,458	109	3,129		38,305	37,625	680	74,500	11
80	36,545					4,063	746		3,017	300	27,944	27,239	705	78,100	12
		24	9,424			2,758	1,712	98	948		18,772	18,675	97	43,580	13
40	26,672					1,439	970	37	382	50	14,385	14,336	49	60,964	14
						778	255	5	393	125	1,838	1,765	73	5,282	15
14	10,058					844	194		95	555	9,201	9,056	145	28,760	16
31	24,580					5,157	1,859	96	702	2,500	52,770	52,357	413	107,500	17
18	8,721	3	1,000	2	245	3,191	2,169	49	673	300	8,447	7,951	496	28,957	18
8	4,150	10	3,516			3,064	674	408	1,982		4,314	3,740	574	26,500	19
4	2,500					850	600		250		5,672	5,600	72	12,400	20
7	2,853			1	227	1,069	593	39	437		5,020	4,418	602	15,049	21
1	576					588	319	12	257		980	950	30	5,500	22
1,331	774,445	1,047	351,070	39	7,065	619,631	12,955	72,561	534,115		3,989,801	3,940,523	49,278	6,458,293	23

stone work, 1; mineral and soda waters, 1; monuments and tombstones, 1; paints, 1; paper hanging, 2; patent medicines and compounds, 2; paving and paving materials, 2; rubber and elastic goods, 2; sand and emery paper and cloth, 1; soap and candles, 1; taxidermy, 1; tobacco, cigars and cigarettes, 1; wirework, including wire rope and cable, 1.

NEW BEDFORD.

9,704	$4,576,957	5,759	$1,941,115	946	$212,721	$1,703,408	$91,280	$367,662	$1,204,196	$40,270	$12,727,776	$12,307,450	$420,326	$25,681,671	1
24	11,030			1	300	5,625	3,367	269	1,989		21,223	20,147	1,076	58,898	2
43	25,131			1	150	5,972	4,359	257	1,356		23,804	22,148	1,656	98,662	3
17	9,062			1	150	5,988	5,372	68	548		28,772	27,719	1,053	83,961	4
37	18,500					6,424	1,200	609	4,615		76,042	75,227	815	117,800	5
158	83,707	23	8,270			34,987	6,787	1,125	27,075		242,266	235,594	6,672	469,900	6

TABLE 8.—MANUFACTURES IN CITIES

NEW BEDFORD—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
7	Carpentering	33	$151,490	$9,150	$18,740	$20,025	$103,575	37	8	$4,904	232	$150,315
8	Carriages and wagons	9	181,733	36,000	44,200	8,150	93,383	9	5	4,072	76	47,402
9	Clothing, men's, custom work and repairing.	27	36,982	700	1,350	2,285	32,647	32	1	182	56	22,109
10	Clothing, women's, dressmaking	45	44,610	4,400	9,500	6,710	24,000	49			146	42,037
11	Confectionery	5	51,395	23,400	18,000	4,165	5,830	7	16	6,487	13	7,492
12	Cooperage	3	2,400		400	600	1,400	4			5	2,700
13	Cotton goods	15	21,870,988	766,538	4,125,875	10,158,007	6,820,568		140	253,369	12,286	4,602,769
14	Foundry and machine shop products	17	370,204	25,100	25,100	123,995	196,009	17	25	21,915	196	123,574
15	Furniture, cabinetmaking, repairing, and upholstering.	10	4,970			1,380	3,590	12			11	6,424
16	Glass, cutting, staining, and ornamenting.	4	34,000			6,200	27,800	4	2	1,864	37	24,850
17	Lock and gun smithing	3	2,625			1,075	1,550	3			2	1,056
18	Looking-glass and picture frames	6	12,925	600	2,400	1,725	8,200	7	1	1,000	10	3,925
19	Lumber, planing mill products, including sash, doors, and blinds.	4	59,207	9,000	8,200	21,278	20,729	8	1	624	38	21,058
20	Marble and stone work	5	11,880	3,000	1,100	830	6,950	6	1	1,200	7	5,224
21	Masonry, brick and stone	14	67,060	16,800	6,600	16,885	26,775	18	1	400	105	62,930
22	Millinery, custom work	26	29,390	1,800	200	2,340	25,050	29	7	3,176	56	16,373
23	Monuments and tombstones	4	12,330	2,500	2,150	780	6,900	4			11	7,130
24	Oil, not elsewhere specified	4	190,495	11,500	8,500	10,085	160,410	5	10	10,764	44	21,591
25	Painting, house, sign, etc	37	102,515	17,125	12,050	10,705	62,635	44	5	3,100	128	89,071
26	Paints	3	86,767	2,500	2,500	9,000	72,767	7	4	3,560	8	4,944
27	Photography	15	17,075	1,000	1,000	8,850	6,225	15			9	3,731
28	Plumbing, and gas and steam fitting	26	125,700	8,500	14,800	15,300	87,100	33	11	5,734	145	82,088
29	Printing and publishing, book and job	8	29,613	2,000	2,000	14,300	11,313	9	4	1,928	26	11,658
30	Printing and publishing, newspapers and periodicals.	6	118,242			52,376	65,866	10	20	32,780	96	62,644
31	Roofing and roofing materials	5	23,470	4,800	1,700	4,820	12,150	7	2	950	31	11,604
32	Saddlery and harness	9	24,090	10,700	6,900	1,765	4,725	10	1	600	13	7,692
33	Ship and boat building, wooden	11	13,650	1,100	2,700	5,325	4,525	13			22	12,760
34	Tinsmithing, coppersmithing, and sheet-iron working.	5	4,200	300	500	750	2,650	5			4	2,312
35	Tobacco, cigars and cigarettes	5	14,600			1,500	13,100	6	2	1,200	14	6,918
36	Watch, clock, and jewelry repairing	21	11,250			5,780	5,470	21			21	12,668
37	All other industries[1]	62	5,017,344	235,577	809,083	1,474,461	2,498,223	67	174	179,604	2,256	1,097,444

[1] Embraces awnings, tents, and sails, 2; bookbinding and blank book making, 1; boot and shoe cut stock, 1; boots and shoes, factory product, 2; boxes, cigar, 1; boxes, fancy and paper, 1; brass and copper, rolled, 1; brass castings and brass finishing, 2; brooms and brushes, 1; buttons, 1; cars and general shop construction and repairs by street railroad companies, 1; chemicals, 1; coffee and spice, roasting and grinding, 1; cordage and twine, 2; dyeing and cleaning, 1; electrical apparatus and supplies, 1; electrical construction and repairs, 2; electroplating, 1; engraving and diesinking, 1; fancy articles, not elsewhere specified, 1; flags and banners, 1; flavoring extracts, 1; flouring and grist mill products, 1; furniture, factory product, 2; gas, illuminating and heating, 1; glass, 1; grease and tallow, 1;

NEWTON.

1	All industries	297	$5,105,196	$375,183	$711,083	$1,136,418	$2,882,512	317	134	$166,646	3,094	$1,581,887
2	Bicycle and tricycle repairing	7	15,150			5,510	9,640	6	2	850	8	6,140
3	Blacksmithing and wheelwrighting	18	53,894	18,950	11,300	5,425	18,219	21	1	500	40	25,546
4	Boots and shoes, custom work and repairing.	23	4,704			2,585	2,119	19			7	3,636
5	Bread and other bakery products	9	9,230	700	1,000	4,190	3,340	10			12	5,702
6	Carpentering	43	358,031	17,475	44,150	59,123	237,283	48	17	19,350	538	332,630
7	Carriages and wagons	6	216,950	27,500	39,000	12,500	137,950	5	6	10,000	248	150,900
8	Clothing, men's, custom work and repairing.	13	5,960			1,415	4,545	12			11	5,070
9	Clothing, women's, dressmaking	15	6,225			2,085	4,140	17			41	12,095
10	Confectionery	3	12,910	1,210	2,500	5,700	3,500	3	2	780	6	2,404
11	Dyeing and cleaning	3	2,060	75	150	1,085	750	3	1	520	5	1,312
12	Electrical construction and repairs	5	5,550	1,750	1,050	825	1,925	5			4	2,245
13	Furniture, cabinetmaking, repairing, and upholstering.	8	19,685	4,300	7,500	1,405	6,480	8			14	7,480
14	Masonry, brick and stone	28	178,372	25,875	25,850	58,490	68,157	30	2	1,900	316	184,881
15	Millinery, custom work	5	1,885			940	945	5			5	2,048
16	Painting, house, sign, etc	31	57,300	2,610	5,120	9,695	39,875	37	3	820	146	78,940
17	Plumbing, and gas and steam fitting	23	65,522	1,300	2,920	6,290	55,012	25	5	2,376	114	61,238
18	Printing and publishing, book and job	3	8,940			4,600	4,340	4			17	8,300
19	Printing and publishing, newspapers and periodicals.	4	48,350	6,000	13,000	18,000	11,350	4	1	312	23	12,242
20	Saddlery and harness	7	10,800	500	1,250	2,225	6,825	9			8	4,809
21	Tinsmithing, coppersmithing, and sheet-iron working.	6	11,176			2,675	8,501	8	1	350	10	5,470
22	Watch, clock, and jewelry repairing	10	4,865	100	200	2,200	2,365	10			1	690
23	All other industries[1]	27	4,007,637	266,838	556,093	929,455	2,255,251	28	93	128,888	1,520	668,109

[1] Embraces bookbinding and blank book making, 1; cordage and twine, 1; dye stuffs and extracts, 1; electrical apparatus and supplies, 1; fireworks, 1; flouring and grist mill products, 1; foundry and machine shop products, 2; gas, illuminating and heating, 1; liquors, vinous, 1; looking-glass and picture frames, 1; lumber, planing mill products, including, sash, doors, and blinds, 2; paper and wood pulp, 1; paper hanging, 2; photography, 2; pickles, preserves, and sauces, 1; roofing

BY SPECIFIED INDUSTRIES: 1900—Continued.

NEW BEDFORD—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
232	$150,315					$17,022	$949	$644	$3,829	$11,600	$251,651	$249,896	$1,755	$484,225	7
75	47,102	1	$300			9,435	1,719	6,781	935		49,240	48,679	561	124,320	8
18	11,262	38	10,847			9,013	4,724	164	825	3,300	28,142	27,348	794	99,875	9
2	3,225	140	38,162	4	$650	5,288	4,053	175	1,060		49,712	48,751	961	152,885	10
13	7,492					3,061	865	546	1,650		27,745	26,305	1,440	58,900	11
5	2,700					537	375	47	115		5,015	5,000	15	10,961	12
6,395	2,676,230	5,004	1,723,051	887	203,488	1,056,261		287,976	768,285		8,208,178	7,897,944	310,234	16,748,783	13
184	120,611	12	2,963			17,242	4,750	1,238	11,254		203,461	189,184	14,277	424,810	14
10	6,074	1	350			3,693	2,574	14	1,105		6,437	6,301	136	25,900	15
37	24,850					5,974	960	199	2,815	2,000	10,895	10,250	645	55,350	16
2	1,056					429	296	25	108		901	765	136	3,250	17
10	3,925					1,340	798	87	455		11,424	11,005	419	22,925	18
38	21,058					7,500	2,250	378	4,872		48,980	47,940	1,040	89,973	19
7	5,224					766	260	81	425		3,356	3,325	31	21,600	20
105	62,930					26,544	549	355	3,240	22,400	66,055	64,520	1,535	195,050	21
		56	16,373			8,213	5,963	198	2,002	50	50,838	50,293	545	105,515	22
11	7,130					753	325	205	223		8,874	8,803	71	22,867	23
37	19,251	7	2,340			20,706	2,500	522	17,684		320,643	317,726	2,917	426,318	24
123	87,446	5	1,625			4,402	2,183	377	1,842		93,236	92,731	505	239,950	25
8	4,944					2,431	700	546	1,185		80,622	80,072	550	109,040	26
4	2,372	4	1,209	1	150	4,379	3,705	164	510		8,100	7,825	275	32,700	27
138	80,548			7	1,540	8,031	4,574	687	2,770		124,215	122,430	1,785	278,801	28
20	9,982	5	1,560	1	116	2,279	1,528	216	535		15,456	14,592	864	46,550	29
92	60,772	4	1,872			45,984	5,606	1,466	38,912		33,980	29,761	4,219	207,168	30
31	11,604					4,569	137	120	4,312		10,463	10,252	211	39,028	31
13	7,692					2,479	1,785	164	530		12,149	12,007	142	30,445	32
22	12,760					1,699	534	46	199	920	6,073	5,940	133	27,925	33
4	2,312					725	616	21	88		3,863	3,742	121	11,550	34
9	5,581	5	1,337			4,464	550	114	3,800		12,070	11,961	109	31,050	35
18	12,038			3	630	5,037	3,619	135	1,283		15,750	15,400	350	52,650	36
1,762	961,041	454	130,856	40	5,547	364,156	10,748	61,643	291,765		2,568,145	2,505,867	62,278	4,672,086	37

hand stamps, 1; hardware, 1; hooks and eyes, 1; hosiery and knit goods, 1; jewelry, 1; leather goods, 1; lumber and timber products, 2; mattresses and spring beds, 1; mineral and soda waters, 2; mucilage and paste, 1; optical goods, 1; paper and wood pulp, 1; paper goods, not elsewhere specified, 1; paper hanging, 1; plastering and stuccowork, 1; plated and britannia ware, 2; rubber and elastic goods, 1; sausage, 1; shirts, 2; soap and candles, 1; tools, not elsewhere specified, 1; toys and games, 1; window shades, 1; wirework, including wire rope and cable, 1; woolen goods, 1.

NEWTON.

2,624	$1,454,750	445	$122,004	25	$5,133	$388,922	$43,836	$38,418	$185,818	$120,850	$3,065,921	$3,005,674	$60,247	$6,322,232	1
8	6,140					1,603	1,300	8	295		6,025	5,934	91	21,710	2
40	25,546					2,937	2,190	363	384		16,392	15,403	989	70,800	3
7	3,636					2,538	2,475		63		9,007	8,832	175	25,032	4
10	5,234	2	468			2,279	2,136	36	107		24,228	23,449	779	47,685	5
538	332,630					128,180	3,825	2,040	4,515	117,800	767,020	764,210	2,810	1,439,462	6
248	150,900					38,540	300	955	36,985	300	261,810	258,465	3,345	686,620	7
5	3,065	6	2,005			2,951	2,570	28	203	150	7,466	7,342	124	24,880	8
2	900	38	10,995	1	200	3,153	3,053		100		9,767	9,745	22	38,720	9
6	2,404					1,361	1,000	149	212		7,700	7,365	335	18,500	10
4	1,104			1	208	363	360	3			1,003	931	72	4,700	11
4	2,245					410	204	38	168		7,450	7,450		14,985	12
14	7,480					1,888	1,380	150	358		6,642	6,580	62	25,200	13
316	184,881					3,804	470	1,597	1,537	200	162,422	161,817	605	437,945	14
		5	2,048			1,326	1,210	5	111		8,420	8,410	10	15,640	15
146	78,940					5,333	4,157	144	1,032		41,807	41,560	247	188,900	16
114	61,238					5,146	4,280	208	658		135,245	133,709	1,536	277,587	17
10	6,200	7	2,100			525	372	53	100		3,844	3,584	260	18,100	18
18	9,860	5	2,382			3,870	1,510	525	1,835		6,707	5,625	1,082	48,561	19
8	4,809					1,033	855	62	116		5,470	5,399	71	20,000	20
10	5,470					1,615	1,288	74	253		8,857	8,728	129	39,400	21
1	690					1,824	1,658	11	155		1,547	1,485	62	11,325	22
1,115	561,378	382	102,006	23	4,725	178,243	7,243	31,969	136,631	2,400	1,567,092	1,519,651	47,441	2,846,480	23

and roofing materials, 1; rubber and elastic goods, 1; ship and boat building, wooden, 1; shoddy, 1; silk and silk goods, 1; starch, 1; window shades, 1; worsted goods, 1.

TABLE 8.—MANUFACTURES IN CITIES

NORTH ADAMS.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	231	$14,563,492	$929,982	$1,828,914	$3,438,648	$8,365,948	253	267	$472,324	6,796	$2,949,010
2	Bicycle and tricycle repairing	3	9,000			3,000	6,000	3	1	500	4	1,150
3	Blacksmithing and wheelwrighting	8	10,145	1,200	1,000	2,500	5,445	9			14	8,555
4	Boots and shoes, custom work and repairing.	8	2,022			1,237	785	8			3	1,570
5	Boots and shoes, factory product	7	849,990	68,500	96,777	76,897	607,816	12	64	58,895	1,516	642,974
6	Bottling	4	12,200	3,000	1,800	2,300	5,100	5	2	665	14	5,956
7	Bread and other bakery products	12	49,355	1,700	1,500	19,660	26,495	13	10	7,485	65	23,868
8	Carpentering	17	85,955	25,250	7,200	9,243	44,262	22	3	2,302	114	68,431
9	Carriages and wagons	5	59,800	18,600	5,900	6,300	29,000	5			25	15,000
10	Clothing, men's, custom work and repairing.	12	46,250	11,000	9,000	3,525	22,725	12	3	3,000	58	24,860
11	Clothing, women's, dressmaking	21	12,263	3,100	3,700	2,378	3,085	25			40	10,426
12	Confectionery	3	7,300	2,000	500	1,000	3,800	3	2	433	4	866
13	Cotton goods	5	6,466,396	513,432	1,039,565	2,209,302	2,704,097	2	43	121,166	2,357	947,351
14	Foundry and machine shop products	4	226,648	27,500	24,252	39,655	135,241	3	15	20,573	192	104,999
15	Furniture, cabinetmaking, repairing, and upholstering.	8	12,710	4,000	1,000	1,405	6,305	7	3	1,280	4	2,670
16	Masonry, brick and stone	8	39,489	16,900	3,800	7,375	11,414	9			49	26,515
17	Millinery, custom work	16	21,620	200	400	470	20,550	19			30	9,527
18	Painting, house, sign, etc	19	25,765	3,375	925	2,980	18,485	21	2	912	49	27,637
19	Photography	5	8,710	600	1,760	1,525	4,825	5			2	1,480
20	Plumbing, and gas and steam fitting	6	54,400	2,500	2,500	9,900	39,500	8	3	2,000	58	27,918
21	Printing and publishing, book and job	4	24,460			19,400	5,060	6	1	600	24	12,182
22	Printing and publishing, newspapers and periodicals.	3	50,000			39,500	10,500	4	6	4,750	34	14,250
23	Roofing and roofing materials	4	3,365			565	2,800	5			11	6,900
24	Saddlery and harness	4	3,350		200	300	2,850	5			3	1,886
25	Tobacco, cigars and cigarettes	8	18,906			750	18,156	10			27	11,762
26	Watch, clock, and jewelry repairing	8	4,175			1,725	2,450	7			5	3,626
27	All other industries[1]	29	6,459,218	227,125	627,135	975,756	4,629,202	25	109	247,763	2,094	946,651

[1] Embraces boxes, fancy and paper, 2; brick and tile, 1; brooms and brushes, 1; clothing, women's, factory product, 1; dyeing and finishing textiles, 1; flouring and grist mill products, 2; gas, illuminating and heating, 1; grease and tallow, 1; ironwork, architectural and ornamental, 1; leather, tanned, curried, and finished, 1; lime and cement, 1; lock and gun smithing, 2; lumber and timber products, 1; lumber, planing mill products, including sash, doors, and blinds, 1;

PITTSFIELD.

1	All industries	261	$6,084,849	$274,656	$540,333	$864,467	$4,405,393	309	229	$255,527	3,863	$1,627,790
2	Bicycle and tricycle repairing	4	4,200			1,700	2,500	5			5	2,539
3	Blacksmithing and wheelwrighting	22	20,320	3,340	4,400	3,180	9,400	27			17	9,710
4	Boots and shoes, custom work and repairing.	16	3,300	100	50	1,965	1,185	16			5	2,378
5	Bread and other bakery products	9	29,150	9,000	4,600	5,650	9,900	13	5	1,768	23	11,988
6	Carpentering	24	63,770	18,350	9,550	13,650	22,220	30	5	2,852	150	86,074
7	Clothing, men's, custom work and repairing.	12	16,290			1,980	14,310	14	1	936	26	18,275
8	Clothing, women's, dressmaking	18	7,495	750	1,250	1,855	3,640	22	1	520	36	11,161
9	Dyeing and cleaning	3	165			55	110	3	1	400	4	1,425
10	Flouring and grist mill products	3	18,800	4,000	3,000	4,800	7,000	1			3	1,440
11	Foundry and machine shop products	4	180,688	37,500	29,000	24,150	90,038	3	9	12,114	100	57,577
12	Furniture, cabinetmaking, repairing, and upholstering.	4	13,861	500	5,100	4,800	3,461	5	2	620	21	12,764
13	Looking-glass and picture frames	3	3,525			875	2,650	3			2	1,300
14	Masonry, brick and stone	10	174,321	11,000	4,100	9,635	149,586	13	7	4,316	160	92,700
15	Millinery, custom work	6	12,205			205	12,000	7	3	560	39	14,255
16	Monuments and tombstones	3	8,975		25	300	8,650	5			5	3,840
17	Painting, house, sign, etc	24	38,035	1,950	6,100	4,772	25,213	26	2	1,470	70	37,411
18	Patent medicines and compounds	3	8,972			1,210	7,762	3	4	3,300	2	350
19	Photography	7	8,572			4,800	3,772	7			11	3,840
20	Plumbing, and gas and steam fitting	7	85,689	26,000	14,000	3,350	42,339	16	2	912	45	26,832
21	Printing and publishing, book and job	4	7,964			6,100	1,864	5			6	1,926
22	Printing and publishing, newspapers and periodicals.	4	60,690			37,630	23,060	1	12	12,024	55	32,305
23	Saddlery and harness	4	9,500			1,650	7,850	5			4	2,496
24	Shirts	3	6,900			3,200	3,700	8	2	1,820	91	24,305
25	Watch, clock, and jewelry repairing	8	22,400			4,400	18,000	10			9	3,934
26	Woolen goods	6	1,403,273	41,616	151,648	228,225	981,784	14	29	35,417	1,068	405,772
27	All other industries[1]	50	3,875,789	120,550	307,510	494,330	2,953,399	47	144	176,498	1,906	761,193

[1] Embraces boot and shoe cut stock, 1; boot and shoe findings, 1; boots and shoes, factory product, 2; bottling, 1; boxes, fancy and paper, 2; brick and tile, 1; carriages and wagons, 2; cars and general shop construction and repairs by steam railroad companies, 1; clothing, men's, factory product, 1; clothing, women's, factory product, 1; confectionery, 1; cotton goods, 1; cutlery and edge tools, 1; electrical apparatus and supplies, 2; electrical construction and repairs, 2; electroplating, 1; engraving, steel, including plate printing, 1; food preparations, 1; fur goods, 1; gas, illuminating and heating, 1; grease and tallow, 1; hand knit

BY SPECIFIED INDUSTRIES: 1900—Continued.

NORTH ADAMS.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
4,585	$2,283,109	1,890	$607,344	321	$58,557	$836,345	$35,559	$65,643	$668,567	$66,576	$5,410,262	$5,209,832	$200,430	$11,682,663	1
4	1,150					627	530	12	85		2,865	2,800	65	6,650	2
14	8,555					1,227	852	17	358		5,919	5,137	782	29,126	3
3	1,570					1,019	1,006	3	10		3,094	3,012	82	8,900	4
896	447,717	551	181,955	69	13,302	85,121	725	3,543	80,853		1,925,139	1,917,792	7,347	2,881,474	5
14	5,956					3,602	740	120	2,742		31,739	31,642	97	52,894	6
44	20,213	20	3,359	1	296	4,335	3,337	62	936		120,663	118,191	2,472	181,491	7
114	68,431					61,678	378	415	2,174	58,711	114,404	114,249	155	294,646	8
25	15,000					2,188		568	1,580	40	10,811	10,531	280	33,840	9
40	19,446	18	5,414			4,746	2,904	320	1,522		26,148	25,608	540	75,825	10
1	914	39	9,512			2,458	1,962	77	419		9,729	9,348	381	38,214	11
		2	433	2	433	1,898	1,680	38	180		6,460	6,240	220	17,000	12
1,445	688,932	740	226,415	172	32,004	259,044		34,536	217,218	7,290	1,149,008	1,068,028	80,980	2,893,128	13
192	104,999					50,622	660	1,244	48,718		139,734	135,852	3,882	347,410	14
4	2,670					1,068	586	50	432		7,138	6,958	180	18,524	15
49	26,515					5,286		279	5,007		16,167	16,107	60	75,176	16
		30	9,527			5,500	4,653	51	796		43,064	42,857	207	80,022	17
48	27,427			1	210	3,349	1,841	169	1,339		16,238	16,131	107	65,228	18
1	880	1	600			706	612	24	70		3,389	3,282	107	13,500	19
58	27,918					3,213	1,626	278	1,309		37,145	36,824	321	83,664	20
24	12,182					1,865	968	62	675	160	5,590	5,070	520	25,868	21
34	14,250					4,859	1,720	144	2,695	300	8,760	7,845	915	47,060	22
11	6,900					545	156		389		20,463	20,438	25	34,320	23
3	1,886					701	492	22	187		5,250	5,167	83	10,834	24
26	11,474			1	288	6,042	1,668	61	4,313		15,397	15,211	186	42,838	25
5	3,626					2,535	1,728	40	767		1,843	1,725	118	12,815	26
1,530	764,498	489	170,129	75	12,024	322,111	4,735	23,508	293,798	75	1,684,105	1,583,787	100,318	4,312,216	27

marble and stone work, 1; monuments and tombstones, 1; musical instruments and materials, not specified, 1; paving and paving materials, 1; photographic materials, 1; tinsmithing, coppersmithing, and sheet-iron working, 1; toys and games, 1; washing machines and clothes wringers, 1; window shades, 1; woolen goods, 1; worsted goods, 2.

PITTSFIELD.

2,380	$1,201,262	1,372	$408,670	111	$17,858	$548,483	$60,634	$34,292	$402,301	$51,256	$3,616,578	$3,516,092	$100,486	$7,135,770	1
5	2,539					1,660	1,245	10	405		6,699	6,636	63	15,780	2
17	9,710					2,334	1,931	89	264		11,730	10,981	749	41,315	3
5	2,378					1,438	1,357	15	66		4,627	4,511	116	13,471	4
21	11,388	2	600			4,609	2,746	201	1,662		40,228	35,164	5,064	94,915	5
149	85,874			1	200	42,152	1,205	289	643	40,015	145,246	144,766	480	415,918	6
23	17,225	3	1,050			4,907	2,479	13	589	1,826	12,242	11,942	300	56,239	7
		36	11,161			1,612	1,476	27	109		6,745	6,595	150	27,889	8
3	1,125	1	300			550	420		130		1,272	1,058	214	5,600	9
3	1,440					840	500	216	124		33,160	32,868	292	39,371	10
100	57,577					16,318	240	1,344	14,734		85,285	82,739	2,546	192,950	11
21	12,764					2,592	1,578	150	364	500	8,369	8,169	200	35,000	12
2	1,300					276	266		10		2,785	2,775	10	5,600	13
160	92,700					12,428	60	560	9,808	2,000	129,705	129,345	360	289,700	14
1	150	38	14,105			2,075	1,324	92	659		31,532	31,440	92	72,000	15
5	3,840					629	570	39	20		8,555	8,510	45	23,800	16
69	37,155			1	256	4,255	2,364	216	1,675		26,480	26,291	189	90,477	17
2	350					7,635	555	150	5,700	1,230	4,260	4,210	50	15,831	18
5	2,170	6	1,670			1,957	1,375	32	278	272	6,267	6,160	107	18,700	19
44	26,432	1	400			3,406	1,840	585	981		59,984	59,174	810	129,226	20
3	1,610			3	316	1,443	1,226	42	150	25	1,297	1,096	201	8,620	21
46	27,855	9	4,450			7,453	2,685	637	4,131		24,598	23,316	1,282	95,831	22
4	2,496					1,134	1,009	23	102		3,557	3,443	114	10,000	23
1	240	90	24,065			4,621	1,000	71	550	3,000	2,418	2,218	200	35,856	24
8	3,752			1	182	2,415	1,740	23	352	300	1,695	1,606	89	15,296	25
667	281,642	328	112,112	73	12,018	82,613	7,800	8,830	63,895	2,088	798,745	769,456	29,289	1,505,702	26
1,016	517,550	858	238,757	32	4,886	337,131	21,593	20,638	294,900		2,159,097	2,101,623	57,474	3,880,683	27

goods, 1; hosiery and knit goods, 2; liquors, malt, 1; lock and gun smithing, 1; lumber and timber products, 1; lumber, planing mill products, including sash, doors, and blinds, 1; models and patterns, 1; paper goods, not elsewhere specified, 1; paper hanging, 1; perfumery and cosmetics, 1; roofing and roofing materials, 2; sewing machine repairing, 1; silk and silk goods, 1; steam fittings and heating apparatus, 1; tinsmithing, coppersmithing, and sheet-iron working, 2; tobacco cigars and cigarettes, 2; vinegar and cider, 2; wood, turned and carved, 1; worsted goods, 1.

TABLE 8.—MANUFACTURES IN CITIES

QUINCY.

	Manufacturing and mechanical industries.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
1	All industries	339	$2,208,197	$421,155	$265,173	$412,533	$1,109,336	402	126	$108,392	2,546	$1,378,823
2	Bicycle and tricycle repairing	6	6,375	125	2,500	800	2,950	8			3	2,400
3	Blacksmithing and wheelwrighting	17	52,840	9,850	16,550	7,180	19,260	16	2	1,320	38	23,122
4	Boots and shoes, custom work and repairing.	11	6,230	350	850	1,135	3,895	10			15	6,156
5	Bread and other bakery products	5	8,050	1,000	1,000	2,550	3,500	5	2	370	13	7,030
6	Carpentering	39	109,390	9,675	14,750	9,665	75,300	40	7	4,540	159	97,122
7	Clothing, men's, custom work and repairing.	6	2,550			800	1,750	7			7	3,310
8	Clothing, women's, dressmaking	8	1,055			525	530	8			10	2,510
9	Confectionery	8	5,850	1,000	500	3,500	850	4			6	1,750
10	Foundry and machine shop products	4	59,252	3,166	9,700	13,418	32,968	4	4	9,000	82	52,574
11	Furniture, cabinetmaking, repairing, and upholstering.	5	2,660	500	700	750	710	5			4	2,025
12	Looking-glass and picture frames	3	6,165	2,000	925	815	2,425	4			2	1,000
13	Marble and stone work	53	275,429	103,116	42,523	76,696	53,094	63	16	11,785	357	171,363
14	Masonry, brick and stone	11	9,675	1,150	1,750	2,755	4,020	12	2	1,140	43	24,762
15	Millinery, custom work	6	5,450	100	1,200	450	3,700	6			9	3,050
16	Monuments and tombstones	90	1,143,289	234,523	108,525	142,746	657,495	123	67	55,280	1,299	765,377
17	Painting, house, sign, etc	14	14,890	4,900	5,235	1,225	3,530	18			21	15,963
18	Plumbing, and gas and steam fitting	9	49,860	8,500	10,200	3,625	27,535	11	1	600	40	28,665
19	Ship and boat building, wooden	3	38,805	17,600	5,600	6,105	9,500	5	2	2,500	18	10,360
20	Tinsmithing, coppersmithing, and sheet-iron working.	4	22,400	1,300	3,050	12,750	5,300	6	3	2,300	12	5,950
21	Tools, not elsewhere specified	5	18,500	1,600	2,500	7,100	7,300	6			5	3,500
22	Watch, clock, and jewelry repairing	3	950			650	300	3			3	2,050
23	All other industries[1]	34	368,532	20,700	37,115	117,293	193,424	38	20	19,557	400	148,784

[1] Embraces awnings, tents, and sails, 1; belting and hose, linen, 1; boot and shoe cut stock, 1; boots and shoes, factory product, 1; brass castings and brass finishing, 2; carriages and wagons, 2; clothing, women's, factory product, 1; dyeing and cleaning, 1; electrical construction and repairs, 1; fancy articles, not elsewhere specified, 1; flavoring extracts, 1; flouring and grist mill products, 1; gas, illuminating and heating, 1; hammocks, 1; leather board, 1; leather, tanned,

SALEM.

1	All industries	446	$7,450,935	$283,041	$901,652	$2,107,250	$4,158,992	490	286	$214,656	6,424	$2,842,678
2	Bicycle and tricycle repairing	11	14,050	800	1,000	6,175	6,075	10	4	2,468	12	9,026
3	Blacksmithing and wheelwrighting	22	31,866	4,200	2,850	11,725	13,091	23			26	17,022
4	Boot and shoe cut stock	15	155,246	8,700	20,500	25,150	100,896	20	11	5,346	312	109,822
5	Boot and shoe findings	14	98,014	1,800	16,200	29,010	51,004	17	7	4,776	378	151,500
6	Boots and shoes, custom work and repairing.	23	4,949		100	2,697	2,152	22			2	1,317
7	Boots and shoes, factory product	18	997,900	3,300	9,000	211,394	774,206	33	70	53,512	1,787	766,047
8	Brass castings and brass finishing	3	16,650	1,000	4,200	3,400	8,050	3			26	20,350
9	Bread and other bakery products	23	47,637	5,200	8,700	18,280	15,457	21	13	8,556	73	39,406
10	Carpentering	43	97,421	5,367	10,950	21,638	59,466	47	4	2,776	184	117,687
11	Carriages and wagons	5	6,300			2,350	3,950	5			4	2,377
12	Clothing, men's, custom work and repairing.	22	30,605	500	2,225	3,560	24,320	24			75	32,085
13	Clothing, women's, dressmaking	15	3,065			1,155	1,910	15			42	9,765
14	Confectionery	4	3,300			1,500	1,800	4	1	200	5	2,640
15	Dyeing and cleaning	3	2,915	1,500	300	900	215	2			5	2,300
16	Foundry and machine shop products	11	157,399	19,000	23,300	40,355	74,744	14	6	4,300	81	48,803
17	Furniture, cabinetmaking, repairing, and upholstering.	7	7,210		500	1,950	4,760	6	1	300	17	8,600
18	Leather goods	4	24,400	400	1,500	7,200	15,300	5	4	3,100	37	14,650
19	Leather, tanned, curried, and finished	20	1,925,315	53,934	190,338	261,741	1,419,302	23	41	49,821	868	395,661
20	Lock and gun smithing	3	1,525			875	650	2			1	540
21	Looking-glass and picture frames	3	13,950	1,500	4,000	550	7,900	8	1	312	5	3,700
22	Lumber, planing mill products, including sash, doors, and blinds.	8	92,904	5,400	21,000	6,000	60,504	4	4	1,800	64	45,076
23	Masonry, brick and stone	16	74,110	800	900	10,440	61,970	21	2	760	136	93,214
24	Millinery, custom work	15	38,990	4,150	6,000	3,550	25,290	15			54	19,078
25	Monuments and tombstones	3	23,400	2,000	3,500	1,900	16,000	7			20	14,888
26	Painting, house, sign, etc	39	27,298	750	1,750	6,527	18,271	44	1	720	91	53,769
27	Paints	3	143,067	5,000	15,000	25,043	98,024	1	6	10,828	58	22,543
28	Photography	9	34,775			22,300	12,475	11	4	2,496	19	9,005
29	Plumbing, and gas and steam fitting	12	52,005	20	80	4,941	46,964	13	4	2,270	64	36,177
30	Printing and publishing, book and job	7	23,300			17,500	5,800	8	3	900	32	12,057
31	Printing and publishing, newspapers and periodicals.	4	56,200			37,000	19,200	4	4	8,080	96	54,804
32	Roofing and roofing materials	3	9,825	2,600	500	2,050	4,675	8			12	6,572
33	Saddlery and harness	7	8,085		400	1,840	6,845	8			3	2,320
34	Ship and boat building, wooden	3	5,460	1,900	200	1,050	2,310	8			8	6,250
35	Tinsmithing, coppersmithing, and sheet-iron working.	3	41,900			3,750	38,150	8			50	21,800
36	Tobacco, cigars and cigarettes	3	4,235			385	3,850	4			3	900
37	Watch, clock, and jewelry repairing	10	7,040			2,855	4,185	7			10	5,620
38	All other industries[1]	37	3,168,624	153,220	556,659	1,309,014	1,149,731	35	45	51,335	1,764	685,307

[1] Embraces awnings, tents, and sails, 1; bookbinding and blank book making, 2; boot and shoe uppers, 2; boxes, fancy and paper, 1; boxes, wooden packing, 1; cars and general shop construction and repairs by steam railroad companies, 1; clothing, men's, factory product, 2; clothing, women's, factory product, 2; cotton goods, 1; electrical apparatus and supplies, 1; electrical construction and repairs, 2; electroplating, 1; flavoring extracts, 1; food preparations, 1; gas, illuminating

BY SPECIFIED INDUSTRIES: 1900—Continued.

QUINCY.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
2,264	$1,300,443	281	$78,320	1	$60	$253,703	$31,459	$19,160	$125,064	$78,020	$1,300,260	$1,244,708	$55,552	$3,948,932	1
3	2,400					597	498	9	90		3,974	3,974		11,395	2
37	23,062			1	60	3,333	1,381	622	1,330		23,292	22,009	1,283	69,795	3
15	6,156					1,089	909	52	128		4,864	4,813	51	18,590	4
12	6,770	1	260			2,555	1,641	89	825		21,638	20,123	1,515	41,280	5
159	97,122					37,870	1,488	652	4,280	31,450	180,189	180,139	50	410,517	6
5	2,510	2	800			1,030	845		185		7,598	7,488	110	18,382	7
		10	2,510			600	600				1,765	1,765		8,875	8
6	1,750					977	840	75	62		6,865	6,720	145	16,875	9
82	52,574					3,158	214	574	2,370		34,246	30,005	4,241	104,926	10
4	2,025					380	284	13	83		3,560	3,560		12,500	11
2	1,000					198	60	30	108		2,830	2,830		6,785	12
357	171,363					16,164	4,725	3,800	7,639		58,044	43,718	14,326	399,730	13
43	24,762					2,453	252	129	657	1,415	21,459	21,459		60,626	14
		9	3,050			1,492	1,018	99	375		8,045	7,950	95	17,285	15
1,299	765,377					153,612	6,175	10,167	92,175	45,155	367,123	342,338	24,785	1,764,890	16
21	15,963					814	298	164	352		8,810	8,785	25	37,671	17
40	28,665					2,561	1,145	292	1,124		73,609	73,302	307	128,951	18
18	10,360					806	300	196	310		10,925	10,675	250	16,150	19
12	5,950					1,806	480	301	1,025		11,522	11,277	245	23,650	20
5	3,500					857	216	126	515		8,798	6,749	2,049	19,975	21
3	2,050					305	270		35		608	583	25	5,550	22
141	77,084	259	71,700			21,046	7,820	1,830	11,396		440,496	434,446	6,050	754,534	23

curried, and finished, 2; lumber, planing mill products, including sash, doors, and blinds, 1; mineral and soda waters, 1; musical instruments, pianos and materials, 1; optical goods, 1; photography, 2; printing and publishing, book and job, 2; printing and publishing, newspapers and periodicals, 2; roofing and roofing materials, 1; saddlery and harness, 1; shirts, 1; soap and candles, 1; type founding, 1.

SALEM.

4,120	$2,172,215	2,135	$641,272	169	$29,191	$464,618	$89,915	$51,756	$264,262	$58,685	$7,159,987	$7,041,871	$118,116	$12,257,449	1
11	8,546			1	480	1,744	1,303	102	339		14,194	13,886	308	33,911	2
26	17,022					3,564	2,949	186	429		17,460	16,183	1,277	61,536	3
125	66,537	133	42,940	4	345	8,371	2,151	601	5,619		223,247	219,697	3,550	409,693	4
171	108,050	178	38,442	29	5,008	11,401	2,806	817	7,778		299,786	295,530	4,256	563,469	5
2	1,317					2,000	1,884	5	111		8,076	7,881	195	23,055	6
1,087	560,158	582	202,833	18	3,056	56,660	15,685	2,392	37,983	600	1,876,029	1,864,498	11,531	2,974,631	7
26	20,350					410	100	108	202		43,403	42,109	1,294	73,904	8
54	33,638	19	5,768			7,810	5,954	320	1,536		97,195	93,471	3,724	205,594	9
184	117,687					16,615	3,312	330	2,738	10,235	194,942	193,602	1,340	404,001	10
4	2,377					807	714	58	35		4,093	3,825	268	9,850	11
28	19,832	45	12,028	2	225	6,953	5,301	190	1,162	300	34,940	34,439	501	104,134	12
		42	9,765			1,399	1,288		96	15	4,596	4,524	72	25,414	13
4	2,340	1	300			1,467	1,264	39	164		7,791	7,535	256	16,125	14
4	2,092	1	208			784	534	43	207		952	660	292	6,300	15
81	48,803					4,704	1,429	1,044	2,231		70,600	66,219	4,381	160,253	16
16	8,300	1	300			1,144	729	24	341	50	4,874	4,710	164	24,320	17
19	10,530	18	4,120			1,339	545	155	639		61,132	60,694	438	91,500	18
860	391,757	8	3,904			71,489	4,560	9,305	57,624		2,355,971	2,330,569	25,402	3,076,869	19
1	540					381	330		51		1,216	1,158	58	3,180	20
5	3,700					745	500	145	100		6,530	6,435	95	15,876	21
63	44,908			1	168	3,089	600	973	1,516		84,060	83,520	540	174,526	22
136	93,214					48,928	779	102	1,847	46,200	70,659	69,879	780	288,712	23
		54	19,078			8,927	6,558	323	2,046		74,580	74,245	335	127,142	24
20	14,888					633	224	167	242		11,438	10,931	507	48,100	25
91	53,769					2,751	2,314	34	403		23,594	23,293	301	117,837	26
55	21,543	3	1,000			4,598	960	1,209	2,429		213,794	212,621	1,173	255,571	27
10	6,070	9	2,935			4,682	2,953	198	1,321	210	9,364	9,081	283	37,210	28
63	35,977			1	200	4,810	2,698	283	1,829		67,344	66,877	467	132,400	29
18	8,260	10	3,380	4	417	3,966	2,246	170	1,500	50	13,707	12,659	1,048	41,330	30
52	31,136	43	23,512	1	156	7,622	4,280	658	2,084	600	18,576	17,228	1,348	115,100	31
12	6,572					483	184	82	217		5,457	5,370	87	16,500	32
3	2,320					1,071	911	68	92		4,315	4,215	100	13,530	33
8	6,250					398	225	22	26	125	3,215	3,205	10	13,200	34
50	21,800					1,855	1,150	135	570		20,052	19,190	862	52,930	35
		3	900			1,120	174	6	940		3,122	3,060	62	7,485	36
9	5,220	1	400			1,195	1,013	54	128		2,402	2,340	62	13,490	37
822	396,712	834	269,459	108	19,136	168,703	9,308	31,408	127,687	300	1,207,281	1,156,532	50,749	2,518,771	38

and heating, 1; gloves and mittens, 1; glue, 1; hairwork, 2; lasts, 1; liquors, malt, 1; mattresses and spring beds, 1; mineral and soda waters, 1; models and patterns, 1; mucilage and paste, 1; paving and paving materials, 2; plastering and stuccowork, 1; plumbers' supplies, 1; taxidermy, 1; toys and games, 1; upholstering materials, 1.

TABLE 8.—MANUFACTURES IN CITIES

SOMERVILLE.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	378	$10,131,596	$1,112,394	$2,020,145	$1,187,235	$5,811,822	419	294	$266,918	4,342	$2,199,491
2	Bicycle and tricycle repairing	8	9,330	2,000	2,000	2,290	3,040	11	2	350	5	3,280
3	Blacksmithing and wheelwrighting	25	47,781	16,200	11,350	7,046	13,185	27	1	700	40	26,121
4	Boots and shoes, custom work and repairing.	31	4,816		100	2,668	2,048	32			11	4,795
5	Bread and other bakery products	14	77,810	14,700	20,200	21,585	21,325	21	35	17,711	50	33,914
6	Carpentering	50	139,390	5,330	10,025	17,095	106,940	54	9	4,229	234	152,164
7	Carriages and wagons	8	91,650	32,800	24,400	13,850	20,600	12	2	624	49	29,224
8	Clothing, men's, custom work and repairing.	22	20,535	2,500	3,500	3,145	11,390	23	1	412	42	18,379
9	Clothing, women's, dressmaking	16	9,013	1,500	3,300	1,483	2,730	17			21	6,387
10	Confectionery	4	21,650	1,600	6,000	2,150	11,900	6	5	1,600	9	3,694
11	Electrical construction and repairs	3	1,925			725	1,200	3			2	1,495
12	Food preparations	3	31,958		2,075	3,290	26,593	2	8	9,176	13	6,975
13	Furniture, cabinetmaking, repairing, and upholstering.	9	10,240			2,790	7,450	9	2	430	12	6,234
14	Masonry, brick and stone	15	38,848	7,050	5,500	3,910	22,388	16	1	520	77	38,188
15	Millinery, custom work	12	9,396			671	8,725	13			8	2,442
16	Painting, house, sign, etc	40	36,181	2,410	5,040	7,546	21,185	46	1	150	99	64,183
17	Paper hanging	4	7,950			700	7,250	5	5	2,436	13	9,340
18	Photography	5	109,544	8,336	46,369	17,739	37,100	4	33	21,736	91	53,734
19	Plastering and stuccowork	3	8,425	1,000	500	1,000	5,925	3	1	624	32	17,786
20	Plumbing, and gas and steam fitting	20	76,333	8,800	20,400	5,290	41,843	21	6	3,224	66	41,673
21	Printing and publishing, book and job	5	7,200			5,750	1,450	5			3	2,514
22	Printing and publishing, newspapers and periodicals.	3	42,000	3,000	15,000	13,800	10,200	4	13	10,660	32	17,948
23	Roofing and roofing materials	6	10,820	500	1,800	2,680	5,840	7			15	7,850
24	Saddlery and harness	5	5,450	300	500	1,200	3,450	5			6	3,490
25	Tinsmithing, coppersmithing, and sheet-iron working.	5	21,457	3,000	1,500	7,900	9,057	6	5	3,612	27	14,816
26	Tobacco, cigars and cigarettes	4	4,725			745	3,980	5				
27	Watch, clock, and jewelry repairing	5	4,950	150	100	2,650	2,050	5			4	2,100
28	All other industries[1]	53	9,282,219	1,001,218	1,840,486	1,037,537	5,402,978	57	164	188,724	3,367	1,630,765

[1] Embraces blacking, 1; bluing, 1; boot and shoe cut stock, 1; boxes, fancy and paper, 1; brass castings and brass finishing, 1; brooms and brushes, 2; cars and general shop construction and repairs by steam railroad companies, 1; cleansing and polishing preparations, 1; clothing, men's, factory product, 1; clothing, women's, factory product, 1; coffins, burial cases, and undertakers' goods, 1; cooperage, 2; cordage and twine, 1; dyeing and cleaning, 1; dyeing and finishing textiles, 1; foundry and machine shop products, 2; furniture, factory product, 1; glass, 1; grease and tallow, 2; hardware, 1; hardware, saddlery, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; jewelry, 1; liquors, distilled, 1; lock and gun smithing, 2; looking-glass and picture frames, 1; lumber, planing

SPRINGFIELD.

1	All industries	817	$17,105,947	$1,535,730	$2,677,919	$4,858,021	$8,034,277	837	953	$1,035,696	10,123	$5,176,299
2	Bicycle and tricycle repairing	30	18,650	50	50	8,540	10,010	35	1	100	18	10,361
3	Bicycles and tricycles	6	125,309	3,000	4,000	57,200	61,109	4	11	12,627	95	50,458
4	Blacksmithing and wheelwrighting	45	70,237	13,650	16,300	14,400	25,887	48	1	1,000	73	49,478
5	Bookbinding and blank book making	3	13,486			6,785	6,701	2	2	2,326	33	14,077
6	Boots and shoes, custom work and repairing.	47	12,283	1,600	1,425	5,050	4,208	43			22	10,522
7	Bottling	4	29,877	100	475	1,565	27,737	6	1	240	10	5,400
8	Boxes, fancy and paper	4	36,070			17,100	18,970	8	1	1,500	98	29,602
9	Brass castings and brass finishing	3	267,787	5,000	18,544	54,481	189,762	2	10	18,600	181	92,226
10	Bread and other bakery products	26	181,154	26,500	36,855	50,367	67,432	26	17	14,114	133	67,700
11	Buttons	3	264,688	16,200	40,000	55,158	153,330	2	10	19,200	361	132,767
12	Carpentering	66	414,217	47,235	55,865	41,150	269,967	80	9	3,567	630	384,823
13	Carriages and wagons	6	95,228	10,000	11,500	7,475	66,253	9	2	2,136	62	31,982
14	Clothing, men's, custom work and repairing.	36	80,925	1,250	600	5,150	73,925	42	4	2,968	167	86,828
15	Clothing, women's, dressmaking	36	31,292	1,100	4,000	8,960	22,232	37	2	816	146	60,291
16	Confectionery	7	100,167	20,500	30,200	23,050	26,417	5	20	15,124	153	62,296
17	Dyeing and cleaning	5	12,275			6,675	5,600	5	2	857	16	9,146
18	Electrical apparatus and supplies	3	264,330			101,534	162,796	1	18	27,615	127	60,049
19	Electrical construction and repairs	7	15,190	50	100	1,015	14,025	9	2	650	19	15,526
20	Electroplating	3	5,250			4,000	1,250	2	1	520	9	6,100
21	Engraving and diesinking	5	5,950			4,200	1,750	6			3	1,620
22	Envelopes	3	565,613	45,000	35,565	233,311	251,737	1	35	32,904	286	114,662
23	Fancy articles, not elsewhere specified	3	16,993			4,730	12,263	2			13	5,879
24	Foundry and machine shop products	25	1,687,390	96,102	389,881	449,668	751,739	17	56	68,942	766	423,739
25	Furniture, cabinetmaking, repairing, and upholstering.	18	54,160	8,450	15,000	4,405	26,305	20	3	1,800	46	24,624
26	Lithographing and engraving	4	643,608	15,000	25,257	209,500	393,851	1	51	56,384	426	208,048
27	Lock and gun smithing	8	4,227			2,375	1,852	9			3	1,846
28	Looking-glass and picture frames	6	10,100			700	9,400	8	1	400	17	9,460
29	Lumber, planing mill products, including sash, doors, and blinds.	3	261,989	23,743	84,747	65,283	88,216	1	14	15,568	161	91,697
30	Marble and stone work	4	145,358	29,640	20,490	35,797	59,431	4	3	3,250	71	53,946
31	Masonry, brick and stone	25	143,847	19,450	25,750	23,210	75,437	32	2	1,850	226	147,162

BY SPECIFIED INDUSTRIES: 1900—Continued.

SOMERVILLE.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
3,877	$2,059,410	425	$130,942	40	$9,139	$706,415	$54,000	$69,471	$443,367	$139,577	$17,346,772	$17,171,501	$175,271	$21,776,511	1
6	3,280					1,675	1,499	56	120		7,194	6,884	310	16,849	2
40	26,121					4,764	3,411	376	727	250	20,079	18,628	1,451	77,384	3
11	4,795					3,776	3,134	30	588	24	9,908	9,783	125	32,666	4
52	31,135	8	2,779			6,518	3,196	358	2,964		123,426	120,740	2,686	238,844	5
234	152,164					135,510	2,719	287	8,069	124,435	217,286	216,442	844	614,965	6
49	29,224					5,849	1,740	880	2,597	632	30,771	30,178	593	89,195	7
22	12,098	20	6,281			5,663	4,743	163	657	100	21,398	21,066	332	66,737	8
		21	6,387			1,770	1,492	70	105	103	14,620	14,405	215	33,341	9
4	2,466	5	1,228			1,306	360	121	825		15,842	15,436	406	27,604	10
2	1,495					436	197		209	30	3,270	3,234	36	8,062	11
8	5,725	5	1,250			3,806	696	160	2,950		52,719	51,712	1,007	116,572	12
12	6,234					2,776	1,501	20	955	300	28,776	28,608	168	58,623	13
77	38,188					7,900	373	161	2,906	4,460	42,455	42,431	24	111,160	14
		8	2,442			2,759	2,632	40	87		13,448	13,332	116	27,359	15
99	64,183					5,065	3,231	259	725	850	25,432	25,365	67	140,086	16
13	9,340					980	741	44	195		9,033	9,010	23	26,500	17
53	31,162	41	22,572			12,860	456	764	11,160	480	52,057	51,514	543	158,831	18
32	17,786					5,504	197	46	796	4,465	12,230	11,930	300	39,519	19
66	41,673					5,825	3,122	484	1,019	1,200	98,741	98,202	539	174,115	20
3	2,514					820	722	17	81		2,882	2,729	153	12,765	21
15	11,118	14	6,050	3	780	3,449	531	467	1,948	503	7,379	7,125	254	44,017	22
15	7,850					1,982	450	33	1,249	250	12,677	12,555	122	28,834	23
6	3,490					898	657	13	28	200	7,025	6,947	78	15,918	24
27	14,816					3,908	1,577	259	2,072		17,518	17,327	191	46,280	25
						1,155	234	21	900		2,181	2,171	10	4,641	26
4	2,100					1,162	1,030	51	81		4,785	4,775	10	16,795	27
3,027	1,540,453	303	81,953	37	8,359	478,299	13,359	64,291	399,354	1,295	16,493,640	16,328,972	164,668	19,548,849	28

mill products, including sash, doors, and blinds, 1; marble and stone work, 1; mineral and soda waters, 1; patent medicines and compounds, 1; paving and paving materials, 1; pens, fountain and stylographic, 1; pickles, preserves, and sauces, 2; plumbers' supplies, 1; sausage, 1; slaughtering and meat packing, wholesale, 2; slaughtering, wholesale, not including meat packing, 2; stamped ware, 1; sugar and molasses, refining, 1; toys and games, 1; trunks and valises, 1; window shades, 2; wood, turned and carved, 1; woodenware, not elsewhere specified, 1.

SPRINGFIELD.

7,453	$4,362,605	2,536	$785,460	134	$28,234	$2,067,702	$261,276	$105,406	$1,178,641	$522,379	$9,194,841	$8,991,127	$203,714	$21,207,039	1
17	10,137			1	224	6,377	4,752	87	1,413	125	25,093	24,410	683	63,905	2
92	49,458	3	1,000			8,606	3,120	474	5,012		77,849	75,324	2,525	187,695	3
73	49,478					7,331	6,323	440	368	200	40,379	38,163	2,216	146,974	4
16	9,427	17	4,650			4,015	910	114	1,491	1,500	13,610	13,220	390	57,800	5
22	10,522					4,647	4,426	64	107	50	14,409	14,028	381	53,168	6
10	5,400					8,164	775	154	7,235		42,418	42,296	122	68,284	7
14	8,733	84	20,869			4,532	3,745	202	585		30,960	30,601	359	79,081	8
181	92,226					24,312	3,950	1,862	18,500		134,745	130,145	4,600	333,064	9
112	61,250	20	6,294	1	156	20,227	5,900	1,192	13,135		223,558	209,337	14,221	393,006	10
133	55,800	214	75,768	14	1,199	12,880	276	1,684	10,760	160	71,978	69,830	2,148	290,900	11
630	384,823					292,681	2,887	2,151	6,252	281,391	796,175	794,467	1,708	1,797,624	12
62	31,982					7,491	4,581	815	2,080	15	27,778	27,006	772	94,550	13
119	70,615	47	15,901	1	312	17,157	11,601	535	4,791	230	80,672	79,713	959	259,393	14
16	15,470	130	44,821			7,626	6,536	67	611	412	59,165	58,649	516	167,460	15
88	51,548	55	10,748			11,308	5,040	1,662	4,606		211,619	209,353	2,266	349,704	16
13	8,226	3	920			3,546	2,912	59	575		4,418	4,060	358	24,550	17
77	43,749	50	16,300			15,892	5,080	755	10,057		138,339	134,779	3,560	302,402	18
18	15,162	1	364			1,330	970	34	326		20,485	20,480	5	50,000	19
9	6,100					1,109	920	24	165		1,933	1,323	610	12,000	20
3	1,620					3,183	709	14	160	2,300	751	673	78	12,000	21
82	42,567	204	72,095			69,486	8,300	1,741	59,445		394,409	390,410	3,999	659,445	22
7	4,067	6	1,812			3,364	1,240	21	1,705	398	6,086	5,900	186	19,186	23
760	421,147	6	2,592			83,011	13,648	10,259	43,904	15,200	547,241	521,346	25,895	1,482,742	24
42	23,024	4	1,600			3,595	2,165	333	867	230	42,587	41,810	777	88,925	25
301	160,119	97	37,960	28	9,969	96,867	8,450	3,357	84,810	250	224,049	218,670	5,379	690,237	26
3	1,846					1,569	1,069	30	170	300	1,325	1,138	187	11,245	27
17	9,460					2,652	1,660	95	897		16,102	16,024	78	43,514	28
161	91,697					18,519	400	3,254	14,865		175,150	172,506	2,644	332,923	29
71	53,946					10,756	495	2,921	2,340	5,000	126,951	124,651	2,300	208,395	30
226	147,162					57,308	150	668	8,117	48,373	317,044	316,551	493	632,418	31

TABLE 8.—MANUFACTURES IN CITIES

SPRINGFIELD—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
32	Millinery, custom work	18	$80,256			$1,490	$78,766	25	19	$8,550	132	$44,685
33	Mineral and soda waters	6	32,950	$3,500	$3,000	10,050	16,400	7	1	550	19	9,229
34	Monuments and tombstones	4	57,350	25,000	2,000	6,550	23,800	5	7	4,300	35	13,580
35	Painting, house, sign, etc	55	106,140	17,100	18,585	10,530	59,925	60	12	9,492	232	146,742
36	Paper goods, not elsewhere specified	8	1,122,226	38,300	198,806	248,501	636,619	12	47	82,931	466	196,363
37	Patent medicines and compounds	5	8,175	1,000	1,200	1,110	4,865	7	1	500	3	1,560
38	Paving and paving materials	3	106,570	60,150	10,200	220	36,000	4	1	1,000	29	13,100
39	Photography	13	26,080	1,700	1,950	11,230	11,200	16	4	1,598	25	10,947
40	Plumbing, and gas and steam fitting	42	251,278	13,100	19,325	25,185	193,668	49	21	15,161	246	170,026
41	Printing and publishing, book and job	22	565,986			197,755	368,231	17	121	120,686	189	103,890
42	Printing and publishing, newspapers and periodicals.	14	474,053	98,500	124,700	86,050	164,803	6	147	113,233	231	207,195
43	Roofing and roofing materials	7	31,075	4,250	3,800	8,950	14,075	9			35	14,520
44	Rubber and elastic goods	3	118,377	17,500	19,500	44,360	37,017	1	6	4,500	146	39,892
45	Saddlery and harness	12	38,265	7,500	7,500	1,765	21,500	11	1	468	23	12,158
46	Soap and candles	3	29,210	1,600	3,050	1,700	22,860	2	5	8,000	14	9,034
47	Tinsmithing, coppersmithing, and sheet-iron working.	12	99,607	13,000	18,000	16,207	52,400	13	9	7,612	69	34,201
48	Tobacco, cigars and cigarettes	19	247,024	20,050	8,350	7,220	211,404	22	6	8,760	266	159,902
49	Tools, not elsewhere specified	4	145,740	15,000	15,183	48,045	67,512	3	14	15,208	106	43,842
50	Watch, clock, and jewelry repairing	28	34,455	5,500	3,300	8,050	17,605	27			18	12,231
51	Wood, turned and carved	5	7,850	400	200	3,550	3,700	5			12	10,040
52	All other industries[1]	90	7,945,630	808,960	1,402,666	2,621,669	3,112,335	69	252	328,089	3,456	1,660,847

[1] Embraces artificial limbs, 1; awnings, tents, and sails, 1; bags, other than paper, 1; billiard tables and materials, 2; boots and shoes, factory product, 1; boxes, cigar, 1; boxes, wooden packing, 1; brassware, 1; brick and tile, 2; bridges, 1; brooms and brushes, 1; cars and general shop construction and repairs by steam railroad companies, 1; cars and general shop construction and repairs by street railroad companies, 1; cars, street railroad, not including operations of railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; clothing, men's, factory product, 1; clothing, women's, factory product, 2; coffee and spice, roasting and grinding, 1; corsets, 1; cotton goods, 2; cotton small wares, 2; cotton waste, 2; cutlery and edge tools, 1; emery wheels, 1; enameling and enameled goods, 1; engraving, wood, 1; firearms, 1; flavoring extracts, 1; fur goods, 1; gas, illuminating and heating, 1; gas machines and meters, 1; gold and silver, leaf and foil, 1; grease and tallow, 1; hairwork, 1; hand stamps, 2; hardware, 1; hats and caps, not including fur hats and wool hats, 1; hooks and eyes, 1; hosiery and

TAUNTON.

1	All industries	284	$11,737,399	$445,836	$1,974,207	$2,660,336	$6,657,020	281	330	$430,818	7,102	$3,331,680
2	Bicycle and tricycle repairing	6	5,175			1,975	3,200	6			7	3,410
3	Blacksmithing and wheelwrighting	25	28,750	5,125	6,350	7,875	9,400	26			23	11,628
4	Boots and shoes, custom work and repairing.	18	9,970	2,200	2,000	3,190	2,580	18			6	2,913
5	Bread and other bakery products	10	34,550	3,600	9,600	9,400	11,950	10	8	5,800	65	38,520
6	Brick and tile	4	112,054	36,593	11,600	19,500	44,361	5	2	1,800	79	33,375
7	Carpentering	17	59,300	3,550	8,200	8,900	38,650	17			139	74,194
8	Carriages and wagons	4	95,946	5,000	10,000	5,300	75,646	6			46	26,922
9	Clothing, men's, custom work and repairing.	11	15,440			3,040	12,400	10	1	520	25	14,205
10	Confectionery	6	17,300	700	1,300	7,400	7,900	7	2	1,170	15	7,860
11	Cotton goods	7	4,410,390	117,500	1,029,170	1,568,375	1,695,345	1	44	79,664	3,151	1,125,679
12	Foundry and machine shop products	14	2,679,203	94,100	405,377	411,044	1,768,682	7	91	121,158	1,684	990,586
13	Furniture, cabinetmaking, repairing, and upholstering.	6	3,225	200	500	1,150	1,375	6			6	2,575
14	Iron and steel, nails and spikes, cut and wrought, including wire nails.	3	704,819	54,500	93,125	61,180	496,014	2	52	37,610	287	140,160
15	Masonry, brick and stone	6	12,565	150	500	3,225	8,690	6			35	19,780
16	Millinery, custom work	7	11,350			1,650	9,700	7			19	6,902
17	Mineral and soda waters	3	24,450	1,700	11,000	5,000	6,750	3			6	2,820
18	Models and patterns	5	8,710	900	1,500	1,760	4,550	4	1	1,000	15	9,585
19	Monuments and tombstones	3	14,100	4,000	3,500	2,875	3,725	4			18	12,040
20	Painting, house, sign, etc	17	43,280	8,700	4,000	5,025	25,555	22	5	3,224	83	48,798
21	Photography	5	6,970			4,000	2,970	5			4	1,470
22	Plumbing, and gas and steam fitting	10	45,350	2,100	4,650	6,100	32,500	14	4	2,330	44	24,407
23	Pottery, terra cotta, and fire-clay products.	6	248,429	9,000	58,000	45,500	135,929	8	15	13,418	145	71,562
24	Printing and publishing, newspapers and periodicals.	3	64,000			50,000	14,000		9	7,000	35	19,314
25	Saddlery and harness	7	5,975			1,500	4,475	7			6	2,900
26	Tinsmithing, coppersmithing, and sheet-iron working.	4	3,600			1,650	1,950	4			5	3,700
27	Tobacco, cigars and cigarettes	7	12,695	350	1,250	560	10,535	7			14	6,607
28	Watch, clock, and jewelry repairing	10	3,620			2,035	1,585	11			5	2,625
29	All other industries[1]	60	3,056,183	95,868	312,585	421,127	2,226,603	58	96	156,124	1,135	627,143

[1] Embraces bookbinding and blank book making, 1; boot and shoe findings, 1; boots and shoes, factory product, 1; bottling, 1; boxes, wooden packing, 1; brass castings and brass finishing, 1; brassware, 2; brooms and brushes, 1; buttons, 1; cars and general shop construction and repairs by steam railroad companies, 1; cars and general shop construction and repairs by street railroad companies, 1; clothing, women's, dressmaking, 2; cooperage, 2; cotton waste, 1; crucibles, 2; dyeing and cleaning, 2; dyeing and finishing textiles, 1; electrical construction and repairs, 2; electroplating, 1; fancy articles, not elsewhere specified, 1; files, 1; flouring and grist mill products, 1; food preparations, 1; gas, illuminating and heating, 1; grease and tallow, 1; hardware, 1; iron and steel, bolts, nuts, washers,

BY SPECIFIED INDUSTRIES: 1900—Continued.

SPRINGFIELD—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
3	$785	129	$43,900			$18,330	$14,674	$296	$3,360		$123,588	$122,732	$856	$272,148	32
19	9,229					3,242	1,014	167	2,061		14,901	14,411	490	45,200	33
35	13,580					6,111	1,317	436	1,358	$3,000	44,181	43,776	405	86,366	34
231	146,512			1	$230	21,172	5,836	653	4,783	9,900	89,810	89,459	351	342,323	35
268	130,575	198	65,788			40,433	11,495	6,077	22,861		720,691	711,875	8,816	1,164,985	36
3	1,560					1,546	288	35	1,223		5,442	5,400	42	19,025	37
29	13,100					1,415		1,165	250		40,395	40,395		66,075	38
15	7,566	10	3,381			7,597	5,108	381	1,608	500	19,434	18,924	510	56,275	39
245	169,744			1	282	17,813	12,793	1,060	3,810	150	272,525	270,834	1,691	605,324	40
134	82,683	54	21,007	1	200	214,166	13,699	3,838	72,160	124,469	132,963	129,622	3,341	750,710	41
205	196,727	23	10,168	3	300	101,478	4,632	5,505	79,188	12,153	161,985	154,529	7,456	646,004	42
85	14,520					2,059	990	153	916		19,667	19,533	134	52,015	43
72	27,000	74	12,892			3,782	180	602	2,950		63,225	61,050	2,175	135,765	44
23	12,158					2,934	2,518	86	330		16,412	16,178	234	48,642	45
14	9,034					1,462	24	754	684		46,517	45,981	536	89,520	46
69	34,201					5,337	3,108	370	1,809	50	58,206	57,125	1,081	154,565	47
168	119,338	103	40,564			50,008	4,516	1,646	43,846		177,106	172,581	4,525	439,778	48
102	42,642			4	1,200	14,695	1,800	1,071	10,999	825	29,754	28,642	1,112	151,261	49
18	12,231					6,189	4,900	219	1,070		8,936	8,763	173	53,629	50
12	10,040					814	432	32	100	250	3,115	2,690	425	20,100	51
2,383	1,372,619	994	274,066	79	14,162	737,628	58,962	45,792	617,926	14,948	3,278,710	3,189,764	88,946	7,094,739	52

knit goods, 2; iron and steel, forgings, 1; ironwork, architectural and ornamental, 1; jewelry, 2; leather goods, 1; lime and cement, 1; liquors, malt, 2; lumber and timber products, 1; mattresses and spring beds, 1; models and patterns, 2; musical instruments, organs and materials, 1; needles and pins, 1; oil, not elsewhere specified, 1; paints, 1; paper hanging, 2; pens, gold, 1; photographic apparatus, 1; photographic materials, 2; photolithographing and photoengraving, 1; pickles preserves, and sauces, 1; plumbers' supplies, 1; regalia and society banners and emblems, 2; registers, cash, 1; sausage, 1; screws, machine, 1; shirts, 2; slaughtering and meat packing, wholesale, 1; sporting goods, 1; stencils and brands, 1; stereotyping and electrotyping, 1; sugar and molasses, refining, 1; typewriter repairing, 2; typewriters and supplies, 2; wirework, including wire rope and cable, 2.

TAUNTON.

5,235	$2,757,650	1,541	$511,325	326	$62,705	$908,180	$41,305	$98,606	$751,381	$16,888	$5,993,237	$5,772,053	$221,184	$12,594,814	1
7	3,410					1,402	1,012	15	375		6,691	6,650	41	14,350	2
23	11,628					2,570	1,910	172	488		12,603	11,621	982	48,055	3
6	2,913					2,048	1,612	59	377		6,769	6,568	201	22,595	4
57	36,070	8	2,450			6,210	2,462	418	3,330		87,011	84,503	2,508	177,250	5
79	33,375					3,153	100	713	2,340		12,591	1,255	11,336	64,985	6
139	74,194					9,613	556	202	1,105	7,750	131,987	131,532	455	259,175	7
46	26,922					4,860	816	592	3,452		34,700	34,150	550	88,165	8
8	7,130	17	7,075			6,545	2,205	15	3,275	1,050	17,793	17,600	193	47,000	9
12	7,260	3	600			1,021	736	104	181		20,370	19,655	715	39,300	10
1,599	644,695	1,254	424,868	298	56,116	266,096		43,231	222,058	807	2,651,502	2,561,023	90,479	4,593,466	11
1,679	989,386	5	1,200			200,531	520	20,192	179,819		883,516	841,393	42,123	2,636,390	12
6	2,575					689	464	20	205		4,410	4,240	170	12,060	13
192	106,247	76	28,985	19	4,928	45,338	180	4,841	40,317		356,649	346,412	10,237	628,187	14
35	19,780					3,224	158	8	58	3,000	9,742	9,722	20	40,905	15
1	400	18	6,502			3,581	3,186	65	330		23,486	23,365	121	43,050	16
6	2,820					568		203	365		7,580	7,460	120	22,700	17
15	9,585					886	705	46	135		1,340	1,262	78	18,000	18
18	12,040					3,671	60	136	275	3,200	5,840	5,735	105	28,800	19
83	48,798					3,934	2,278	261	1,395		44,620	44,352	268	124,183	20
2	845	2	625			1,896	1,624	32	240		6,622	6,552	70	16,000	21
43	24,095			1	312	3,486	1,960	211	1,315		70,939	70,554	385	131,701	22
143	71,149			2	413	15,823		2,129	13,173	521	52,698	38,982	13,716	191,333	23
30	16,735	5	2,579			6,064	2,330	563	3,171		12,393	11,013	1,380	68,300	24
6	2,900					1,232	1,026	21	185		5,918	5,797	121	14,600	25
5	3,700					847	810		37		5,355	5,265	90	13,800	26
10	5,357	4	1,250			3,831	618	34	3,179		13,663	13,575	88	30,605	27
5	2,625					1,905	1,344	46	515		2,094	2,045	49	13,140	28
980	591,016	149	35,191	6	936	307,156	12,633	24,277	269,686	560	1,504,355	1,459,772	44,583	3,206,719	29

and rivets, 1; ivory and bone work, 2; lumber and timber products, 1; lumber, planing mill products, including sash, doors, and blinds, 2; marble and stone work, 1; mattresses and spring beds, 1; millinery and lace goods, 1; oilcloth, enameled, 2; paving and paving materials, 1; plated and britannia ware, 2; printing and publishing, book and job, 2; sewing machine repairing, 1; ship and boat building, wooden, 1; silverware, 1; soap and candles, 1; stencils and brands, 1; surgical appliances, 1; taxidermy, 1; tools, not elsewhere specified, 2; wire, 1; wirework, including wire rope and cable, 2.

TABLE 8.—MANUFACTURES IN CITIES

WALTHAM.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	275	$9,152,169	$409,227	$1,114,144	$2,779,908	$4,848,890	279	198	$264,588	5,392	$2,630,929
2	Bicycle and tricycle repairing	8	7,380			1,585	5,795	9			5	2,039
3	Blacksmithing and wheelwrighting	16	27,000	5,900	5,700	8,125	7,275	18			20	11,850
4	Boots and shoes, custom work and repairing.	22	4,850			3,180	1,670	21			6	2,948
5	Bread and other bakery products	12	25,320	3,500	4,900	5,720	11,200	12	4	2,738	47	27,456
6	Carpentering	23	51,128	10,080	14,300	5,578	21,170	25			101	51,015
7	Carriages and wagons	8	41,795	4,200	6,450	13,815	17,330	9	1	780	24	16,228
8	Clothing, men's, custom work and repairing.	10	6,675			1,100	5,575	12			30	12,800
9	Clothing, women's, dressmaking	20	12,950	4,000	5,800	1,415	1,735	21			60	19,908
10	Confectionery	4	3,375			2,350	1,025	4	3	1,080	8	3,542
11	Emery wheels	3	83,513	5,000	18,732	19,425	40,356	2	6	8,788	31	16,706
12	Foundry and machine shop products	8	391,850	27,872	56,271	95,080	212,627	8	10	15,271	267	141,816
13	Furniture, cabinetmaking, repairing, and upholstering.	5	10,455	1,000	500	525	8,430	6			2	1,180
14	Lumber, planing mill products, including sash, doors, and blinds.	3	48,643	12,219	6,000	10,628	19,796	2	3	1,916	19	13,328
15	Masonry, brick and stone	17	68,005	9,450	11,500	5,895	41,160	18	5	3,930	111	57,390
16	Millinery, custom work	9	23,320	2,000	4,000	2,120	15,200	9	4	770	15	3,402
17	Monuments and tombstones	3	7,375	1,000	3,300	450	2,625	4			5	4,220
18	Painting, house, sign, etc	22	25,275	3,150	6,200	3,935	11,990	26			57	29,282
19	Photography	5	7,280			4,200	3,080	5			6	2,755
20	Plumbing, and gas and steam fitting	13	42,983	500	600	3,825	38,058	14	3	1,900	47	25,633
21	Printing and publishing, book and job	6	14,625			11,300	3,325	6			10	5,162
22	Saddlery and harness	4	11,900		300	1,200	10,400	3	4	1,610	7	3,950
23	Ship and boat building, wooden	8	21,655	1,500	10,000	2,525	7,630	4	1	260	9	5,500
24	Tobacco, cigars and cigarettes	3	12,220			320	11,900	3			10	4,660
25	Watch, clock, and jewelry repairing	5	14,400			2,100	12,300	6			9	6,150
26	All other industries[1]	42	8,188,197	317,856	959,591	2,573,512	4,337,238	32	154	225,545	4,486	2,162,009

[1] Embraces bicycles and tricycles, 2; chemicals, 1; clocks, 1; cotton goods, 1; dyeing and finishing textiles, 1; electrical construction and repairs, 1; electroplating, 1; engraving and diesinking, 1; flavoring extracts, 1; flouring and grist mill products, 1; gas, illuminating and heating, 1; hosiery and knit goods, 2; house furnishing goods, not elsewhere specified, 1; iron and steel, bolts, nuts, washers, and rivets, 1; lock and gun smithing, 1; marble and stone work, 2; mineral

WORCESTER.

1	All industries	1,071	$42,966,743	$3,051,618	$5,084,905	$11,370,982	$23,459,238	1,106	1,430	$1,791,000	25,593	$12,894,784
2	Awnings, tents, and sails	3	1,900			1,140	760	3			7	1,611
3	Bicycle and tricycle repairing	18	18,250	2,220	900	8,565	6,565	20	1	420	22	13,497
4	Bicycles and tricycles	6	300,248	5,700	58,374	130,984	105,190	5	17	17,302	181	62,869
5	Blacking	3	28,214	2,024	5,770	3,183	17,237	2	3	4,700	4	2,581
6	Blacksmithing and wheelwrighting	54	101,530	33,950	20,350	22,850	24,380	60	1	400	116	71,036
7	Boot and shoe findings	3	29,400	2,400	10,000	6,800	10,200	3			49	19,600
8	Boots and shoes, custom work and repairing.	71	12,430	172	625	8,243	3,390	72	1	600	19	8,303
9	Boots and shoes, factory product	11	651,732	33,006	75,014	109,850	433,862	13	31	34,695	803	379,745
10	Bottling	13	77,150	7,200	16,200	25,885	27,865	13	12	8,390	55	34,939
11	Bread and other bakery products	26	333,518	14,000	29,600	183,346	106,572	33	59	34,161	250	117,204
12	Brooms and brushes	3	14,171	300	800	850	12,221	1	8	4,222	21	7,750
13	Carpentering	50	332,774	23,200	30,125	47,142	232,307	55	4	2,850	597	386,064
14	Carriages and wagons	9	103,593	19,165	26,500	8,350	49,578	8	3	3,820	57	34,199
15	Clothing, men's, custom work and repairing.	57	83,975			6,974	77,001	63	15	12,032	211	109,698
16	Clothing, men's, factory product	4	96,771			6,275	90,496	5			126	53,111
17	Clothing, women's, dressmaking	56	50,650	1,700	2,450	7,990	38,510	64	1	2,000	250	72,557
18	Clothing, women's, factory product	7	465,786	10,000	27,000	53,117	375,669	11	19	30,490	691	194,299
19	Confectionery	10	47,250	800	3,000	9,475	33,975	10	7	5,280	34	18,594
20	Cotton goods	3	318,373	10,000	50,090	61,446	196,837		13	12,018	125	48,749
21	Cutlery and edge tools	4	144,656	7,250	24,200	33,115	80,091		10	14,400	157	72,748
22	Dyeing and cleaning	5	3,610			2,605	1,005	7	2	375	9	5,015
23	Dyeing and finishing textiles	3	98,678	11,600	35,796	13,800	37,482	1	6	8,318	76	39,986
24	Electrical apparatus and supplies	4	35,929			9,354	26,575	4	2	1,600	21	6,430
25	Electrical construction and repairs	4	28,244		100	700	27,444	3	9	8,595	33	17,261
26	Electroplating	6	19,300	2,600	5,200	6,800	4,700	8			27	15,220
27	Engraving and diesinking	4	7,300			5,150	2,150	6			20	13,043
28	Engraving, wood	3	19,950			1,850	18,100	4			13	7,000
29	Envelopes	5	1,218,815	72,594	256,892	402,902	486,427		48	43,910	555	214,332
30	Firearms	3	374,581	14,200	51,000	144,506	164,875	1	12	16,570	632	302,214
31	Flavoring extracts	4	12,732	1,500	7,000	732	3,500	4	1	450	1	350
32	Food preparations	3	271,050	500	300	85,597	184,653	2	19	34,300	145	66,268
33	Foundry and machine shop products	90	9,044,947	1,093,338	1,188,426	2,194,902	4,568,281	85	249	443,058	4,777	2,751,857
34	Furniture, cabinetmaking, repairing, and upholstering.	17	34,659	1,500	1,200	12,713	19,246	16	2	1,416	58	33,904
35	Hairwork	3	5,575			525	5,050	3	1	500	8	2,200
36	Hand stamps	3	2,050			1,750	300	3			2	750

BY SPECIFIED INDUSTRIES: 1900—Continued.

WALTHAM.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
3,263	$1,881,046	2,095	$743,889	34	$5,994	$671,780	$39,368	$93,809	$430,388	$108,215	$2,317,792	$2,217,269	$100,523	$6,934,381	1
5	2,039					2,225	957	60	1,118	90	6,877	6,739	138	14,945	2
20	11,850					1,921	1,424	217	280		11,266	10,020	1,246	39,805	3
6	2,948					2,867	2,726	16	125		7,784	7,642	142	24,926	4
42	26,164	5	1,292			5,401	3,118	224	2,059		62,131	60,268	1,863	118,386	5
101	51,015					31,648	736	429	1,814	28,669	139,635	139,521	114	258,590	6
24	16,228					7,508	1,046	163	2,397	3,902	14,348	13,421	927	33,875	7
16	7,740	14	5,060			3,754	2,708	65	281	700	17,152	16,927	225	42,350	8
		60	19,908			2,460	2,036	125	299		22,408	22,240	168	64,255	9
6	2,922	2	620			1,955	1,760	41	154		6,524	6,319	205	17,460	10
31	16,706					4,250	450	988	2,812		17,884	14,572	3,312	61,197	11
260	139,490	7	2,326			9,828		2,472	7,276	80	95,651	87,566	8,085	320,371	12
2	1,180					956	382	54	520		2,105	2,080	25	7,625	13
19	13,328					1,941		298	1,643		22,849	19,549	3,300	62,000	14
111	57,390					47,456	774	384	6,043	40,255	56,742	56,549	193	184,700	15
		15	3,402			3,635	3,170	111	354		29,124	29,039	85	48,360	16
5	4,220					2,600	233	125	42	2,200	3,417	3,404	13	14,600	17
57	29,282					3,253	1,543	209	1,501		16,694	16,585	109	71,675	18
4	1,830	2	925			2,266	1,840	54	372		5,730	5,690	40	18,800	19
47	25,633					3,927	2,684	171	1,022	50	71,390	71,035	355	124,120	20
8	4,086	2	1,076			1,400	906	144	335	15	9,195	8,686	509	25,421	21
7	3,950					1,000	752	127	121		9,205	9,010	195	20,250	22
9	5,500					2,494	200	185	453	1,656	4,003	3,792	211	18,900	23
9	4,360	1	300			1,152	232	55	865		3,912	3,870	42	11,640	24
9	6,150					2,292	1,407	160	525	200	5,052	5,010	42	20,900	25
2,465	1,447,035	1,987	708,980	34	5,994	523,591	8,284	86,932	397,977	30,398	1,676,714	1,597,735	78,979	5,309,230	26

and soda waters, 2; musical instruments, organs and materials, 1; paper and wood pulp, 1; paper hanging, 2; patent medicines and compounds, 2; paving and paving materials, 2; printing and publishing, newspapers and periodicals, 2; roofing and roofing materials, 1; screws, machine, 1; tinsmithing, coppersmithing, and sheet-iron working, 2; tools, not elsewhere specified, 2; watch and clock materials, 2; watches, 2; window shades, 1.

WORCESTER.

20,421	$11,431,473	4,589	$1,336,473	583	$126,838	$4,258,926	$452,388	$281,664	$3,230,681	$294,193	$26,666,176	$25,798,828	$867,348	$53,348,783	1
2	576	5	1,035			1,172	623	4	520	25	4,322	4,182	140	10,965	2
21	13,197			1	300	4,211	3,046	117	698	350	17,451	16,877	574	52,387	3
168	59,480	13	3,389			27,368	3,890	2,783	20,695		93,745	88,940	4,805	264,249	4
2	1,611	2	970			1,084	500	222	362		9,934	9,748	186	18,579	5
116	71,036					14,725	12,156	968	1,601		48,978	45,370	3,608	209,613	6
39	16,900	10	2,700			2,768	1,040	278	1,450		66,205	65,305	900	98,650	7
19	8,303					8,014	7,444	42	528		25,145	24,292	853	78,398	8
516	276,097	281	103,048	6	600	78,449	11,105	7,578	50,941	8,825	1,053,140	1,038,112	15,028	1,610,605	9
54	34,439	1	500			20,510	5,660	661	14,189		210,626	209,026	1,600	367,017	10
154	92,371	77	22,033	19	2,800	36,687	21,575	2,795	12,317		377,962	368,334	9,628	700,086	11
11	4,750	10	3,000			1,530	800	164	566		21,919	21,509	410	43,692	12
597	386,064					227,377	5,834	1,686	11,603	208,254	787,940	783,522	4,418	1,600,129	13
57	34,199					6,182	3,004	1,023	2,055	100	35,904	33,887	2,017	115,497	14
132	85,211	78	24,383	1	104	33,494	24,124	521	6,729	2,120	105,740	104,010	1,730	330,825	15
38	24,852	88	28,259			4,316	2,560	611	1,145		164,426	163,845	581	230,100	16
7	5,096	241	67,261	2	200	14,939	11,820	128	2,816	175	72,142	71,206	936	215,645	17
46	22,790	645	171,509			16,548	7,140	3,035	6,373		446,562	443,352	3,210	853,018	18
29	16,344	5	2,250			7,803	6,067	217	1,519		46,289	45,624	665	93,042	19
31	16,625	94	32,124			19,069	2,843	678	15,548		296,194	291,518	4,676	416,662	20
136	66,198	21	6,550			8,172	2,800	1,367	4,005		48,338	44,608	3,730	175,849	21
6	3,260	3	1,755			2,402	998	23	1,381		2,063	1,490	573	13,775	22
67	37,374	9	2,612			8,601		1,105	7,496		61,062	51,059	10,003	141,919	23
21	6,430					1,782	784	323	675		15,394	14,995	399	31,811	24
33	17,261					1,191	640	222	329		56,635	56,530	105	92,650	25
26	14,920	1	300			2,094	1,300	156	638		4,394	3,210	1,184	29,198	26
19	12,783			1	260	2,304	1,226	140	938		9,295	8,815	480	33,750	27
13	7,000					1,078	740	55	283		2,717	2,602	115	27,050	28
172	103,294	381	110,675	2	363	93,787	2,990	6,861	83,936		610,363	606,649	3,714	1,150,802	29
631	301,614	1	600			46,929	4,320	3,835	38,774		115,957	110,492	5,465	649,751	30
				1	350	1,887	276	126	1,485		11,283	11,238	45	17,725	31
96	55,668	49	10,600			227,574	8,914	314	218,346		235,172	223,773	11,399	658,730	32
4,739	2,739,209	29	10,655	9	1,993	586,696	65,255	65,111	425,306	31,024	3,621,439	3,486,190	135,249	8,492,686	33
49	30,759	9	3,145			6,860	4,940	149	1,771		37,152	35,965	1,187	112,730	34
		8	2,200			989	760	42	187		6,860	6,800	60	16,000	35
2	750					738	488	15	235		1,619	1,548	71	5,850	36

TABLE 8.—MANUFACTURES IN CITIES

WORCESTER—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES AND TOWNS.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
37	Hardware	3	$378,248	$13,516	$50,232	$61,141	$253,359	2	6	$9,294	183	$81,767
38	Iron and steel, nails and spikes, cut and wrought, including wire nails.	4	164,017	10,000	15,000	76,336	62,681	4	11	12,520	67	28,566
39	Lasts	3	56,817	1,000	5,175	21,283	29,359	6	3	2,898	36	23,277
40	Leather goods	3	107,749		300	23,250	84,199	8	39	22,563	150	74,520
41	Lock and gun smithing	10	5,655			4,310	1,345	11	1	54	4	2,126
42	Looking-glass and picture frames	7	12,550	500	700	750	10,600	7	1	500	11	5,595
43	Lumber, planing mill products, including sash, doors, and blinds.	3	253,406	41,125	76,325	60,371	75,585	1	17	18,430	152	72,512
44	Marble and stone work	8	503,362	159,450	43,650	106,475	193,787	7	11	27,684	418	252,863
45	Masonry, brick and stone	41	864,328	111,650	39,800	73,270	139,608	47	7	6,312	740	386,437
46	Mattresses and spring beds	3	108,920	27,500	15,000	3,920	62,500	2	4	2,008	87	38,009
47	Millinery, custom work	21	48,830			1,385	47,445	20	2	1,520	99	35,033
48	Mineral and soda waters	6	22,800			10,800	12,000	10	1	1,000	13	6,070
49	Models and patterns	4	18,214			8,296	9,918	4	1	312	29	18,929
50	Monuments and tombstones	7	126,637	36,000	23,150	28,144	39,343	8	1	950	36	26,810
51	Musical instruments, organs and materials.	3	270,211	13,000	23,720	38,140	195,351		7	13,800	255	132,334
52	Optical goods	5	29,813	3,600	10,392	10,978	4,843	6	8	4,000	43	16,650
53	Painting, house, sign, etc	35	61,179	1,590	1,950	11,291	46,348	39	5	3,060	211	122,077
54	Paper hanging	8	3,165			90	3,075	3			20	13,820
55	Patent medicines and compounds	7	31,860	1,500	5,500	4,010	20,850	7	4	7,900	25	13,134
56	Paving and paving materials	3	53,750	9,200	9,700	21,200	13,650	4	6	7,500	75	31,814
57	Photography	18	35,299			18,384	16,915	20	6	3,644	45	23,693
58	Plumbing, and gas and steam fitting	38	191,035	4,500	4,000	14,676	167,859	51	15	14,788	210	135,078
59	Printing and publishing, book and job	31	195,851	250	325	138,817	56,459	34	7	13,018	148	84,552
60	Printing and publishing, newspapers and periodicals.	14	181,452			111,703	69,749	10	114	66,604	276	183,238
61	Roofing and roofing materials	5	33,369	400	1,000	7,860	24,109	6	3	6,000	70	37,524
62	Saddlery and harness	12	33,830	1,100	400	1,955	30,375	12	3	2,000	34	23,540
63	Sausage	3	7,900	600	2,000	2,900	2,400	4	2	1,200	14	8,855
64	Screws, machine	4	438,577	15,000	35,000	142,009	246,568	4	27	27,426	459	198,829
65	Shirts	3	6,368			1,700	4,668	4			25	11,175
66	Stamped ware	3	34,169			12,772	21,397	1	3	3,300	28	16,740
67	Tinsmithing, coppersmithing, and sheet-iron working.	13	119,021	3,218	54,800	23,437	37,566	16	2	800	49	27,580
68	Tobacco, cigars and cigarettes	16	49,052	100	350	2,720	45,882	18	5	5,012	84	47,363
69	Tools, not elsewhere specified	8	154,992	200	300	56,925	97,567	7	4	9,500	109	53,676
70	Watch, clock, and jewelry repairing	25	25,688			9,094	16,594	28			21	10,708
71	Wirework, including wire rope and cable.	11	1,076,013	98,420	186,500	262,534	528,559	6	96	92,974	979	395,422
72	Wood, turned and carved	4	4,325			3,050	1,275	6			4	1,988
73	Woolen goods	11	1,104,591	77,049	96,775	178,023	752,744	7	22	41,389	855	334,305
74	Worsted goods	3	452,447	2,250	10,750	102,044	337,403	8	8	5,171	237	71,828
75	All other industries[1]	104	21,811,462	1,047,981	2,445,199	6,095,473	12,222,809	90	422	608,997	9,140	4,661,363

[1] Embraces agricultural implements, 2; belting and hose, leather, 2; billiard tables and materials, 2; bookbinding and blank book making, 2; boot and shoe cut stock, 2; boxes, cigar, 1; boxes, fancy and paper, 1; boxes, wooden packing, 2; brass, 1; brass castings and brass finishing, 2; brick and tile, 2; bronze castings, 1; calcium lights, 1; carpets and rugs, other than rag, 2; carriage and wagon materials, 1; cars, street railroad, not including operations of railroad companies, 1; china decorating, 1; coffee and spice, roasting and grinding, 2; coffins, burial cases, and undertakers' goods, 1; corsets, 2; cotton small wares, 2; dentists' materials, 1; druggists' preparations, not including prescriptions, 2; emery wheels, 2; engraving, steel, including plate printing, 1; fancy articles, not elsewhere specified, 1; fertilizers, 1; files, 2; fire extinguishers, chemical, 1; flouring and grist mill products, 2; fur goods, 1; fur hats, 1; furniture, factory product, 1; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 2; hand knit goods, 1; hats and caps, not including fur hats and wool hats, 2; hosiery and knit goods, 1;

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and towns	7,404	$190,317,701	$10,511,864	$29,242,189	$40,621,742	$109,941,906	8,072	5,513	$6,630,393	131,274	$58,674,505
2	Abington	67	758,395	9,800	104,000	126,998	517,597	77	56	52,962	1,568	713,181
3	Adams	107	6,646,981	315,265	1,187,949	3,058,359	2,085,408	114	56	125,874	3,315	1,234,459
4	Amesbury	152	2,949,565	144,375	376,288	587,915	1,840,987	191	75	68,212	2,347	1,027,222
5	Amherst	67	559,085	24,041	104,708	134,572	295,764	71	22	21,560	525	253,906
6	Andover	57	2,096,294	94,500	311,516	251,944	1,438,334	58	48	53,602	1,103	436,212
7	Arlington	90	406,128	18,674	62,625	122,509	202,320	97	20	13,922	323	197,099
8	Athol	129	1,722,593	133,850	258,969	493,178	836,596	142	104	95,398	1,455	668,445
9	Attleboro	179	5,833,100	154,240	713,984	1,783,385	3,181,491	233	278	287,177	5,106	2,354,880
10	Beverly	227	2,552,955	78,987	160,002	667,056	1,646,910	286	116	75,073	2,810	1,390,066
11	Blackstone	23	5,023,339	528,087	710,101	567,754	3,217,397	16	51	82,687	1,742	776,201
12	Bridgewater	54	866,911	42,305	114,035	160,820	549,751	55	39	39,839	838	478,381
13	Brookfield	35	393,859	14,600	12,050	59,080	308,129	33	10	8,500	455	202,800
14	Canton	59	2,214,623	202,470	517,975	405,949	1,088,229	58	85	103,062	749	339,899
15	Chicopee	122	6,595,802	449,495	1,179,121	1,814,499	3,152,687	129	123	158,509	4,331	1,668,362
16	Clinton	104	7,098,744	150,892	1,231,765	1,874,147	3,841,940	111	85	115,312	4,021	1,600,948
17	Dalton	33	1,724,823	53,015	534,828	318,285	818,695	36	53	85,633	848	351,101
18	Danvers	90	1,398,834	60,040	119,555	265,020	954,219	109	51	53,671	974	489,432
19	Dedham	96	777,098	112,125	108,952	163,394	392,627	96	15	12,431	678	305,824
20	Dudley	18	1,978,291	307,151	301,850	261,423	1,107,867	14	30	45,690	1,195	437,177
21	Easthampton	63	2,300,366	93,100	383,534	655,542	1,168,190	62	45	93,021	1,714	658,933

BY SPECIFIED INDUSTRIES: 1900—Continued.

WORCESTER—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
140	$61,494	1	$178	42	$20,095	$42,818	$866	$1,850	$40,102	----------	$60,096	$56,702	$3,394	$217,710	37
59	26,082	5	1,384	3	1,100	6,830	1,800	1,883	3,147	----------	421,176	417,552	3,624	542,200	38
36	23,277	----------	----------	----------	----------	8,210	3,400	444	3,766	$600	11,502	10,268	1,234	67,516	39
96	57,400	54	17,120	----------	----------	42,092	6,100	1,042	34,950	----------	94,284	93,619	665	364,563	40
3	1,606	1	520	----------	----------	1,865	1,888	17	360	100	3,915	3,649	266	16,050	41
11	5,595	----------	----------	----------	----------	2,512	1,287	106	1,119	----------	14,744	14,639	105	32,075	42
150	71,512	2	1,000	----------	----------	10,580	3,000	2,710	4,870	----------	139,461	137,161	2,300	268,405	43
418	252,863	----------	----------	----------	----------	19,687	600	1,961	12,212	4,914	486,552	482,029	4,523	911,969	44
740	386,437	----------	----------	----------	----------	40,435	1,928	3,835	30,972	3,700	668,207	665,356	2,851	1,230,958	45
57	23,406	30	14,603	----------	----------	10,292	1,395	1,050	7,847	----------	134,000	132,580	1,420	242,249	46
----------	----------	95	34,568	4	465	12,248	9,108	365	2,775	----------	106,149	105,586	563	189,349	47
11	5,820	----------	----------	2	250	4,177	1,741	153	2,283	----------	9,183	8,715	468	34,588	48
29	18,929	----------	----------	----------	----------	3,863	2,180	127	1,556	----------	9,164	8,462	702	39,155	49
36	26,810	----------	----------	----------	----------	4,517	760	698	3,059	----------	19,931	19,116	815	74,957	50
200	114,838	49	17,496	----------	----------	21,424	5,985	2,604	12,835	----------	148,235	144,835	3,400	382,486	51
36	15,650	7	1,000	----------	----------	4,822	2,080	35	2,707	----------	11,235	9,688	1,547	33,600	52
211	122,077	----------	----------	----------	----------	9,293	5,917	333	3,043	----------	69,154	68,570	584	253,045	53
20	13,820	----------	----------	----------	----------	1,244	528	37	679	----------	9,315	9,245	70	29,187	54
17	7,574	8	5,560	----------	----------	3,487	2,000	192	1,245	----------	14,645	14,570	75	99,750	55
75	31,814	----------	----------	----------	----------	1,840	200	333	1,307	----------	29,699	25,734	3,965	104,400	56
28	18,378	17	5,315	----------	----------	10,989	8,889	149	1,951	----------	21,049	20,593	456	91,039	57
210	135,078	----------	----------	----------	----------	19,803	12,742	1,488	5,573	----------	318,306	316,394	1,912	625,268	58
132	78,617	11	5,168	5	767	35,514	9,278	915	17,487	7,834	84,629	81,230	3,399	271,625	59
259	179,703	16	3,276	1	259	81,897	16,932	2,093	57,854	5,018	109,743	101,296	8,447	490,869	60
70	37,524	----------	----------	----------	----------	1,637	1,231	116	290	----------	108,307	108,047	260	212,820	61
34	23,540	----------	----------	----------	----------	3,940	2,800	264	876	----------	27,651	27,474	177	73,522	62
13	8,680	1	175	----------	----------	4,280	860	140	3,280	----------	53,179	52,144	1,035	75,500	63
405	183,603	54	15,226	----------	----------	41,014	9,252	2,172	29,590	----------	161,119	152,902	8,217	546,495	64
2	1,375	23	9,800	----------	----------	973	940	13	20	----------	13,107	12,847	260	29,377	65
28	16,740	----------	----------	----------	----------	3,086	2,260	225	601	----------	13,875	13,035	840	42,623	66
49	27,580	----------	----------	----------	----------	5,262	2,586	532	2,144	----------	46,930	45,973	957	112,591	67
66	42,197	14	4,336	4	830	17,480	2,647	599	14,210	24	47,348	47,074	274	142,200	68
108	53,520	----------	----------	1	156	13,867	7,440	2,291	3,136	1,000	54,543	53,036	1,507	189,975	69
21	10,708	----------	----------	----------	----------	7,717	6,763	48	906	----------	11,005	10,605	400	47,599	70
686	325,479	262	59,371	31	10,572	56,910	3,862	8,264	44,784	----------	775,626	756,232	19,394	1,531,047	71
4	1,988	----------	----------	----------	----------	613	524	19	70	----------	3,108	2,512	596	8,811	72
471	209,025	364	121,967	20	3,313	71,394	11,000	6,349	38,915	15,130	920,451	885,929	34,522	1,553,297	73
86	39,506	115	26,633	36	5,689	16,623	4,511	1,752	10,360	----------	291,855	274,674	17,181	464,973	74
7,349	4,204,767	1,399	380,224	392	76,372	2,094,411	67,946	131,105	1,890,360	5,000	12,419,331	11,914,132	505,199	22,745,505	75

house furnishing goods, not elsewhere specified, 1; instruments, professional and scientific, 1; iron and steel, 1; iron and steel, bolts, nuts, washers, and rivets, 2; iron and steel, forgings, 1; ironwork, architectural and ornamental, 2; japanning, 1; jewelry, 1; leather, tanned, curried, and finished, 1; linen goods, 1; liquors, malt, 2; lithographing and engraving, 1; musical instruments and materials, not specified, 2; musical instruments, pianos and materials, 2; oil, not elsewhere specified, 2; paints, 2; paper goods, not elsewhere specified, 1; paper hangings, 1; perfumery and cosmetics, 1; photographic materials, 2; plastering and stuccowork, 1; plumbers' supplies, 2; refrigerators, 2; regalia and society banners and emblems, 1; show cases, 1; silk and silk goods, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 1; sporting goods, 1; surgical appliances, 1; taxidermy, 1; trunks and valises, 1; umbrellas and canes, 2; upholstering materials, 1; vinegar and cider, 1; woodenware, not elsewhere specified, 2.

TOWNS UNDER 20,000 IN POPULATION: 1900.

92,956	$46,822,280	35,105	$11,260,743	3,213	$591,482	$11,394,382	$1,007,635	$1,339,600	$8,001,461	$1,045,686	$133,761,916	$130,754,263	$3,007,653	$245,245,235	1
1,109	562,076	349	147,405	110	3,700	56,423	3,362	4,553	48,208	300	1,712,764	1,702,662	10,102	2,684,644	2
1,907	818,353	1,252	383,363	156	32,743	251,319	7,132	52,517	168,284	23,386	1,839,969	1,719,983	119,986	4,189,239	3
1,662	844,464	621	172,079	64	10,679	227,659	33,982	19,250	169,205	5,222	2,090,449	2,033,800	56,649	3,898,251	4
320	172,510	204	81,283	1	113	73,716	4,972	3,327	24,187	41,230	716,093	699,710	16,383	1,316,143	5
683	314,100	341	113,226	79	8,886	110,106	8,247	17,369	75,490	9,000	1,073,222	1,050,203	23,019	1,888,329	6
292	188,006	27	8,322	4	771	53,915	13,192	2,881	17,213	20,629	268,934	257,181	11,753	681,010	7
1,016	526,904	421	133,996	18	7,545	119,906	11,128	11,364	85,895	11,519	1,307,815	1,291,410	16,405	2,549,704	8
3,570	1,839,469	1,472	502,117	54	13,294	359,736	62,681	31,862	232,033	33,160	4,106,820	4,039,166	67,654	9,442,752	9
2,097	1,158,435	667	223,184	46	8,447	215,536	43,160	9,340	87,587	75,449	2,546,186	2,511,318	34,868	4,933,752	10
1,243	619,018	421	143,798	78	13,385	86,602	1,139	28,457	57,003	3	2,850,300	2,807,061	43,239	6,593,641	11
705	422,485	127	54,704	6	1,192	43,933	4,107	5,451	31,875	2,500	1,300,927	1,257,679	43,248	2,075,377	12
334	163,737	115	37,849	6	1,214	33,067	13,436	1,430	18,191	10	544,591	528,174	16,417	809,420	13
501	262,436	244	76,695	4	768	83,839	4,732	12,004	66,113	990	929,509	874,246	55,263	1,650,829	14
2,495	1,160,573	1,716	486,742	120	21,047	433,337	15,416	75,345	331,426	11,150	5,666,713	5,585,075	81,638	8,704,907	15
2,409	1,049,994	1,423	513,455	189	37,499	222,973	13,957	69,487	121,529	18,000	2,913,952	2,822,526	91,426	5,446,768	16
423	225,609	414	123,092	11	2,400	143,454	4,870	16,890	121,594	100	726,946	685,780	41,166	1,619,191	17
760	416,741	197	68,971	17	3,720	89,659	7,008	6,686	56,367	19,598	1,756,846	1,723,719	33,127	2,654,936	18
516	258,942	151	41,825	11	2,057	43,846	6,363	9,991	27,008	484	687,550	655,172	32,378	1,260,125	19
675	286,366	430	137,687	84	13,124	108,027	1,716	12,224	94,087	----------	1,018,132	992,322	25,810	1,661,978	20
914	408,260	776	245,388	24	5,285	113,403	4,978	23,001	83,392	2,032	1,452,605	1,433,527	19,078	2,669,753	21

TABLE 9.—MANUFACTURES IN CITIES AND

	Cities and towns.	Number of establishments.	Capital.					Proprietors and firm members.	Salaried officials, clerks, etc.		Average number of wage-earners and total wages.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
22	Easton	46	$1,244,991	$48,550	$372,219	$95,262	$728,960	50	28	$30,042	706	$310,994
23	Fairhaven	47	329,491	34,690	46,450	110,279	138,072	49	18	7,331	313	170,096
24	Foxboro	45	308,048	6,402	37,633	83,112	180,901	49	18	20,008	491	221,858
25	Framingham	144	3,092,662	259,640	538,891	601,661	1,692,470	159	83	75,551	2,475	1,018,339
26	Franklin	51	1,823,556	101,500	249,672	382,195	1,090,189	49	42	48,208	888	397,846
27	Gardner	118	6,073,152	204,255	725,197	662,677	4,481,023	128	120	130,892	3,083	1,299,492
28	Grafton	49	1,938,007	106,875	395,850	642,027	793,255	50	42	56,398	1,256	466,729
29	Great Barrington	94	1,436,391	72,280	212,978	390,836	760,297	96	37	49,567	1,010	415,547
30	Greenfield	141	1,725,880	69,600	180,805	329,643	1,145,832	147	99	95,080	1,223	551,550
31	Groveland	11	798,941	14,973	125,388	53,415	605,165	11	8	7,700	415	172,308
32	Hardwick	16	1,442,618	31,350	431,750	466,575	512,943	16	14	23,550	755	289,932
33	Hinsdale	14	340,045	7,345	45,050	34,631	253,019	13	6	8,684	250	88,395
34	Hopedale	4	3,031,796	68,047	686,860	381,082	1,895,807	6	50	107,181	1,464	790,439
35	Hudson	74	1,615,132	43,625	162,300	279,618	1,129,589	76	48	66,321	1,571	769,625
36	Hyde Park	127	3,740,053	286,725	680,020	845,250	1,928,058	119	109	155,929	2,792	1,317,684
37	Ipswich	64	826,419	57,269	79,238	142,923	546,989	58	18	24,216	843	382,277
38	Lee	71	1,209,509	211,300	220,675	360,294	417,240	76	42	59,611	620	274,004
39	Leicester	20	970,246	56,661	131,800	243,024	538,761	18	13	16,217	647	266,210
40	Leominster	167	3,987,611	239,485	638,544	683,821	2,425,761	201	158	167,179	3,623	1,600,186
41	Mansfield	52	557,480	24,760	93,808	110,311	328,601	59	23	51,314	571	274,840
42	Marblehead	100	469,859	25,682	68,113	134,144	241,920	124	15	11,476	1,032	411,372
43	Marlboro	142	2,191,860	141,769	365,505	343,108	1,341,478	144	74	100,752	2,780	1,304,301
44	Maynard	43	2,349,645	403,425	459,050	411,775	1,075,395	42	26	68,517	838	345,480
45	Medford	141	1,328,106	217,783	255,039	259,171	596,113	149	65	73,862	968	487,793
46	Melrose	106	3,296,048	160,937	256,745	226,622	2,651,744	134	84	88,068	1,428	695,422
47	Merrimac	40	252,812	17,350	27,350	27,543	180,569	47	9	10,140	252	114,739
48	Methuen	74	1,203,412	84,982	268,292	267,389	582,749	86	21	23,931	726	302,934
49	Middleboro	110	1,034,730	71,706	133,796	233,121	596,107	131	51	34,870	1,081	510,724
50	Milford	129	1,240,782	66,435	149,835	394,063	630,449	161	84	76,202	1,554	773,144
51	Millbury	54	1,047,897	56,972	177,468	293,139	520,318	52	18	18,240	694	270,862
52	Milton	58	291,284	32,750	59,550	78,421	120,563	64	10	5,392	335	189,920
53	Monson	43	690,481	89,040	133,200	165,280	302,961	51	14	17,850	523	234,606
54	Montague	60	2,653,595	216,018	726,343	757,359	953,875	58	47	81,039	1,208	554,186
55	Natick	154	1,061,320	34,580	139,505	214,650	672,585	178	40	30,149	1,502	726,137
56	Newburyport	195	3,863,199	125,712	480,362	791,436	2,465,689	192	212	206,247	3,076	1,326,719
57	Northampton	214	2,728,140	148,800	451,095	798,791	1,329,454	235	103	112,875	2,406	1,140,655
58	North Andover	34	1,225,212	41,170	264,460	230,471	689,111	34	34	41,492	873	420,053
59	North Attleboro	116	2,014,999	36,340	129,827	695,385	1,153,447	145	156	157,509	2,162	1,160,052
60	Northbridge	31	3,826,408	94,873	828,087	769,077	2,134,371	33	44	143,384	2,648	1,130,404
61	North Brookfield	51	962,164	24,061	78,300	69,292	790,511	54	33	52,935	1,307	643,835
62	Norwood	53	2,437,949	114,177	229,300	342,411	1,752,061	55	48	51,832	1,511	859,242
63	Orange	81	2,770,120	84,400	191,784	601,744	1,892,192	79	82	116,118	1,815	635,682
64	Palmer	78	3,104,049	73,150	546,261	771,632	1,713,006	78	63	71,039	3,053	1,251,992
65	Peabody	161	4,437,229	273,200	687,191	706,678	2,770,160	185	148	150,379	2,881	1,384,126
66	Randolph	54	441,070	14,425	83,365	85,999	257,281	59	25	24,582	725	359,150
67	Reading	72	455,247	50,875	64,650	135,930	203,792	90	20	21,014	448	188,645
68	Revere	82	502,819	89,305	214,880	94,425	104,209	89	9	8,704	255	133,129
69	Rockland	81	998,824	22,824	154,300	210,294	611,406	90	58	51,995	1,071	515,974
70	Rockport	41	737,225	213,793	61,189	256,797	205,446	45	23	28,513	566	255,634
71	Salisbury	11	11,970	1,000	2,100	5,945	2,925	11	------	------	14	6,988
72	Shelburne	33	132,063	10,200	22,525	62,529	36,809	33	6	5,284	90	39,096
73	Southbridge	109	4,269,358	272,191	551,246	941,674	2,504,247	112	67	94,454	2,871	1,225,064
74	South Hadley	24	758,186	67,238	206,797	128,850	355,301	26	23	28,198	254	109,352
75	Spencer	81	1,519,234	79,324	75,687	270,151	1,094,072	83	67	45,924	1,665	613,917
76	Stoneham	94	822,071	47,175	92,250	195,314	487,332	103	64	75,881	1,290	544,213
77	Stoughton	56	2,125,321	46,825	189,050	321,255	1,568,191	59	40	43,336	1,071	451,274
78	Wakefield	97	3,209,070	133,568	362,323	297,026	2,416,153	101	81	100,394	1,616	784,644
79	Walpole	44	2,010,385	99,606	326,594	517,645	1,066,540	40	89	137,051	684	370,945
80	Ware	100	3,284,599	181,899	688,851	595,379	1,818,470	104	48	64,226	2,777	979,930
81	Warren	39	1,379,563	77,300	314,577	310,705	676,981	34	22	22,771	1,027	426,594
82	Watertown	105	4,549,242	520,513	791,612	1,204,990	2,032,127	106	134	178,235	2,304	1,130,099
83	Webster	83	3,733,575	50,695	364,375	534,496	2,784,009	87	51	52,332	2,490	870,244
84	Westboro	57	948,047	9,233	101,490	159,685	677,639	59	19	18,456	843	383,586
85	Westfield	186	4,345,372	238,900	487,839	1,104,258	2,514,375	188	258	327,644	2,641	1,229,643
86	West Springfield	41	934,945	34,624	482,904	99,337	318,080	41	38	60,816	626	345,776
87	Weymouth	130	4,427,328	239,733	386,191	605,383	3,196,021	153	218	287,150	1,998	911,502
88	Whitman	65	2,054,815	36,525	217,039	258,032	1,543,219	72	102	100,377	2,059	1,092,024
89	Wilbraham	15	711,426	62,825	135,721	156,796	356,084	13	9	19,460	171	81,100
90	Williamstown	38	815,368	98,670	238,484	234,407	243,807	41	12	12,619	365	141,864
91	Winchendon	53	1,454,853	76,634	317,636	341,606	718,977	69	33	33 760	1,238	462,582
92	Winchester	52	3,724,461	62,396	264,728	634,814	2,762,523	55	124	183,098	1,155	666,064
93	Winthrop	43	106,445	22,150	27,350	18,575	38,370	47	3	1,490	118	60,543
94	Woburn	123	2,983,705	83,762	361,043	586,278	1,952,622	133	56	65,217	1,596	757,670

TOWNS UNDER 20,000 IN POPULATION: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
588	$280,280	89	$25,902	29	$4,812	$23,910	$3,349	$5,822	$9,701	$5,038	$803,925	$781,893	$22,032	$1,523,467	22
284	159,131	28	10,861	1	104	22,757	1,793	3,094	17,870	----------	126,508	118,101	8,407	408,099	23
229	125,342	262	96,516	----------	----------	37,240	13,080	2,164	20,741	1,255	359,607	343,509	16,098	777,219	24
1,349	693,398	1,078	316,036	48	8,905	187,797	23,145	26,054	93,026	45,572	2,010,281	1,980,305	29,976	3,714,732	25
595	303,668	277	89,974	16	4,204	87,325	7,478	8,464	71,383	----------	954,409	927,014	27,395	1,686,041	26
2,686	1,177,979	388	119,559	9	1,954	198,615	11,202	41,774	135,689	9,950	2,454,237	2,398,680	55,557	4,763,863	27
672	283,102	508	163,016	76	15,611	94,403	3,722	16,371	74,310	----------	927,957	907,667	20,290	1,708,342	28
742	344,510	247	66,916	21	4,121	108,012	17,714	10,035	64,762	15,501	832,032	816,597	15,435	1,671,574	29
997	487,492	198	59,303	28	4,755	95,786	16,616	10,821	53,872	14,477	884,443	851,497	32,946	2,093,352	30
243	122,245	127	39,214	45	10,849	34,119	159	4,502	29,458	----------	594,025	559,809	34,216	857,736	31
500	223,380	209	57,902	46	8,650	72,438	340	10,038	59,485	2,575	691,354	648,498	42,856	1,173,776	32
153	62,717	84	23,519	13	2,159	19,602	450	2,569	16,583	----------	275,638	268,028	7,610	434,627	33
1,458	789,019	6	1,420	----------	----------	123,682	200	7,603	115,879	----------	1,214,395	1,199,750	14,645	3,319,747	34
1,051	556,406	493	206,152	27	7,067	154,641	15,025	11,163	125,203	3,250	2,440,180	2,424,390	15,790	3,621,137	35
2,077	1,120,542	695	192,991	19	4,151	157,816	12,112	25,212	113,162	7,330	2,747,589	2,687,170	60,419	5,007,409	36
471	265,891	341	111,248	31	5,138	142,446	2,138	7,872	34,616	97,820	481,386	469,301	12,085	1,194,826	37
424	227,597	195	46,251	1	156	71,200	2,513	9,945	58,025	717	483,569	439,479	44,090	1,168,328	38
376	181,570	246	79,483	25	5,157	39,781	9,168	7,452	23,161	----------	641,288	616,408	24,880	1,063,669	39
2,439	1,211,616	1,137	379,248	47	9,322	368,417	26,408	23,412	280,502	38,095	2,986,707	2,911,365	75,342	5,856,174	40
412	232,352	159	42,488	----------	----------	25,428	2,263	3,485	15,053	4,627	485,531	475,376	10,155	1,035,804	41
743	332,401	289	78,971	----------	----------	35,175	9,893	2,917	15,865	6,500	811,180	801,691	9,489	1,410,406	42
1,791	967,744	900	315,639	89	20,918	183,801	22,410	13,995	144,983	2,413	3,057,414	3,036,251	21,163	4,986,399	43
566	262,048	221	73,466	51	9,966	48,569	2,731	13,331	28,837	3,670	833,742	807,430	26,312	1,534,003	44
884	463,015	72	22,849	12	1,929	117,441	18,721	10,887	72,708	15,125	896,460	847,822	48,638	1,907,624	45
865	503,419	549	189,675	14	2,328	456,120	10,919	45,858	388,173	11,170	2,403,575	2,382,952	20,623	3,945,580	46
250	114,364	2	375	----------	----------	16,924	4,033	1,815	11,076	----------	200,791	195,649	5,142	391,793	47
457	215,559	243	81,764	26	5,611	81,315	7,140	10,305	53,764	10,106	694,506	668,350	26,156	1,273,920	48
845	424,641	227	84,881	9	1,202	101,421	16,745	7,860	60,616	16,200	1,293,425	1,276,573	16,852	2,298,946	49
1,102	615,760	420	150,031	32	7,353	103,886	22,632	9,094	70,635	1,525	1,636,739	1,616,384	20,355	3,071,493	50
439	200,406	230	65,544	25	4,912	43,455	5,380	10,597	27,218	260	579,605	557,805	21,800	1,082,294	51
290	177,740	41	11,555	4	625	33,278	5,354	1,263	9,286	17,375	271,787	265,866	5,921	675,793	52
355	164,591	163	69,127	5	888	64,438	2,283	4,037	58,118	----------	410,372	400,799	9,573	876,123	53
887	466,851	264	75,451	57	11,884	113,694	4,435	31,446	76,963	850	847,319	734,096	113,223	1,985,693	54
1,089	603,364	397	119,869	16	2,904	146,368	12,922	5,621	92,775	35,050	2,094,150	2,078,744	15,406	3,298,777	55
2,073	1,040,946	961	279,516	42	6,257	358,728	30,222	21,859	289,021	17,626	3,258,571	3,212,283	46,288	5,685,768	56
1,795	946,451	581	187,818	30	6,386	274,017	35,985	19,888	175,481	42,663	1,974,433	1,911,326	63,107	4,193,486	57
717	368,906	139	47,307	17	3,840	70,511	1,386	14,072	50,513	4,540	655,002	630,359	24,643	1,345,589	58
1,458	862,003	694	295,967	10	2,082	137,087	39,724	10,455	82,433	4,475	1,609,569	1,574,466	35,103	3,990,731	59
2,106	987,075	434	123,127	108	20,202	77,821	2,269	26,893	48,659	----------	1,140,798	1,088,623	52,175	3,028,661	60
947	533,552	344	106,560	16	3,723	79,458	3,209	7,584	66,665	2,000	2,073,095	2,063,096	9,999	3,018,676	61
1,321	802,699	186	55,593	4	950	208,085	19,011	12,265	151,797	25,012	1,823,438	1,797,642	25,796	3,348,974	62
1,093	578,100	207	55,256	15	2,326	132,429	7,530	24,100	93,676	7,123	1,217,293	1,204,045	13,248	2,602,253	63
2,228	1,027,332	718	206,400	107	18,260	143,323	5,647	25,247	111,429	1,000	2,575,330	2,497,322	78,008	4,483,036	64
2,703	1,332,558	174	50,726	4	842	245,513	32,578	24,459	174,326	14,150	4,583,297	4,491,464	91,833	7,261,647	65
550	293,591	168	64,040	7	1,519	27,307	4,723	2,106	19,578	900	903,917	895,726	8,191	1,425,890	66
283	139,375	162	48,394	3	876	32,950	8,278	3,927	20,745	----------	534,621	523,310	11,311	944,422	67
248	130,486	5	2,112	2	531	26,757	5,517	2,804	12,366	6,070	170,181	153,990	16,191	451,215	68
791	421,544	241	86,430	39	8,000	112,435	6,775	5,305	100,355	----------	1,363,959	1,351,029	12,930	2,288,972	69
561	253,818	5	1,816	----------	----------	34,390	1,460	5,810	27,120	----------	142,397	132,240	10,157	634,755	70
14	6,988	----------	----------	----------	----------	578	107	51	420	----------	8,248	7,971	277	24,325	71
76	34,556	12	4,040	2	500	7,053	2,398	564	4,066	25	50,112	48,092	2,020	140,575	72
1,989	961,783	748	241,425	134	21,856	222,267	10,336	37,880	135,451	38,600	1,947,000	1,884,004	62,996	3,854,638	73
141	79,543	113	29,809	----------	----------	35,564	1,117	9,918	23,029	1,500	238,361	217,197	21,164	522,810	74
1,172	473,926	434	126,713	59	13,278	92,632	18,198	10,945	59,414	4,075	1,812,515	1,799,467	13,048	2,784,994	75
751	353,173	517	185,175	22	5,865	75,708	12,152	5,323	54,083	4,150	1,894,999	1,881,518	13,481	2,856,919	76
681	346,915	367	99,709	23	4,650	161,183	4,410	10,818	121,862	24,093	1,521,417	1,499,404	22,013	2,297,798	77
1,227	655,274	382	128,366	7	1,004	220,168	8,237	18,600	82,472	110,859	1,354,253	1,330,435	23,818	2,958,656	78
622	353,143	58	16,988	4	814	173,320	7,566	8,599	152,855	4,300	825,216	769,558	55,658	1,972,398	79
1,514	652,939	1,084	294,403	179	32,588	127,775	8,388	31,670	74,497	13,220	2,119,178	2,071,533	47,645	3,681,069	80
736	351,698	276	72,223	15	2,673	54,434	2,921	12,405	38,778	330	688,187	659,156	29,031	1,275,574	81
1,466	837,059	800	287,438	38	5,602	170,131	17,006	23,261	119,186	10,678	3,811,803	3,752,973	58,835	6,078,902	82
1,668	659,769	655	187,333	167	23,142	280,796	18,859	12,513	246,424	3,000	2,447,448	2,359,482	87,966	4,086,267	83
642	312,679	201	70,907	----------	----------	39,752	9,402	2,051	27,799	500	1,087,315	1,077,193	10,122	1,783,298	84
2,080	1,040,371	533	182,895	28	6,377	328,542	39,753	25,756	252,558	10,475	2,401,460	2,342,584	58,876	5,072,074	85
500	309,658	125	36,068	1	50	59,291	2,959	5,232	49,300	1,800	561,675	532,173	29,502	1,142,105	86
1,478	740,813	516	170,196	4	493	298,022	10,132	20,531	257,677	9,682	3,246,899	3,209,926	36,973	5,583,144	87
1,513	900,867	501	182,879	45	8,278	140,286	11,043	12,115	115,138	1,990	3,160,456	3,140,754	19,702	5,009,786	88
94	52,570	76	28,380	1	150	24,365	204	4,456	19,005	700	558,198	541,730	16,468	736,173	89
246	111,722	91	24,758	28	5,384	20,059	2,602	5,923	11,534	----------	182,511	170,209	12,302	434,371	90
973	399,094	148	39,620	117	23,868	45,207	9,871	10,579	18,957	5,800	861,523	846,620	14,903	1,745,925	91
1,113	653,176	87	12,188	5	700	178,284	6,364	9,715	159,505	2,700	1,855,159	1,829,243	25,916	3,257,172	92
114	59,065	4	1,478	----------	----------	12,909	2,513	706	2,358	7,332	100,643	99,799	844	242,111	93
1,332	698,445	248	56,313	16	2,912	183,489	16,732	32,908	110,744	23,105	3,064,985	2,990,358	74,627	4,450,566	94

MICHIGAN.

Table 1 shows the manufacturing and mechanical industries of the state of Michigan as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	16,807	12,127	8,873	9,455	3,448	2,033	38.6	36.7	[1]6.2	174.2	69.6
Capital	$284,097,133	$262,412,240	$92,930,959	$71,712,283	$23,808,226	$6,563,660	8.3	182.4	29.6	201.2	262.7
Salaried officials, clerks, etc., number	13,858	[2]15,267	(3)	(3)	(3)	(3)	[1]9.2	------	------	------	------
Salaries	$12,562,855	[2]$11,364,892	(3)	(3)	(3)	(3)	10.5	------	------	------	------
Wage-earners, average number	162,355	148,674	77,591	63,694	23,190	9,344	9.2	91.6	21.8	174.7	148.2
Total wages	$66,467,867	$54,982,906	$25,313,682	$21,205,355	$6,735,047	$2,717,124	20.9	117.2	19.4	214.9	147.9
Men, 16 years and over	136,627	133,176	68,445	58,347	22,144	8,990	2.6	94.6	17.3	163.5	146.3
Wages	$60,835,081	$51,932,652	(3)	(3)	(3)	(3)	17.1	------	------	------	------
Women, 16 years and over	23,092	12,857	4,784	2,941	1,046	354	79.6	168.8	62.7	181.2	195.5
Wages	$5,239,149	$2,720,453	(3)	(3)	(3)	(3)	92.6	------	------	------	------
Children, under 16 years	2,636	2,641	4,362	2,406	(3)	(3)	[1]0.2	[1]39.5	81.3	------	------
Wages	$393,637	$329,801	(3)	(3)	(3)	(3)	19.4	------	------	------	------
Miscellaneous expenses	$25,495,423	$18,348,381	(4)	(4)	(4)	(4)	39.0	------	------	------	------
Cost of materials used	$199,559,905	$154,521,918	$92,900,269	$68,142,515	$17,635,611	$6,136,328	29.1	66.3	36.3	286.4	187.4
Value of products, including custom work and repairing	$356,944,082	$277,896,706	$150,715,025	$118,394,676	$32,658,356	$11,169,002	28.4	84.4	27.3	262.5	192.4
Total population	2,420,982	2,093,889	1,636,937	1,184,059	749,113	397,654	15.6	27.9	38.2	58.1	88.4
Wage-earners engaged in manufactures	162,355	148,674	77,591	63,694	23,190	9,344	9.2	91.6	21.8	174.7	148.2
Per cent of total population	6.7	7.1	4.7	5.4	3.1	2.3	------	------	------	------	------
Assessed value of real estate	[5]$1,017,071,643	$739,690,151	$432,861,884	$224,663,667	$123,605,084	$25,580,371	37.5	70.9	92.7	81.8	383.2
Value of land and buildings invested in manufactures[6]	$78,074,887	$85,827,515	(3)	(3)	(3)	(3)	[1]9.0	------	------	------	------
Per cent of assessed value	7.7	11.6	------	------	------	------	------	------	------	------	------

[1] Decrease.
[2] Includes proprietors and firm members with their salaries; number only reported in 1900. (See Table 7.)
[3] Not reported separately.
[4] Not reported.
[5] From assessed valuation made by the Boards of Supervisors, June sessions, 1901.
[6] Does not include value of rented property.

Table 1 shows that there has been a large growth in the manufacturing and mechanical industries of Michigan during the half century. The population during these years increased from 397,654 to 2,420,982, while the average number of wage-earners employed in manufacturing establishments increased from 9,344 to 162,355, embracing, in 1900, 6.7 per cent of the entire population, compared with 2.3 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 232,353, or 9.6 per cent of the total population of the state.

The greatest percentage of increase in the value of products, 262.5 per cent, is shown for the decade ending with 1870, but the greatest absolute increase, $127,181,681, was between the years 1880 and 1890. The much smaller absolute increase during the decade from 1890 to 1900, $79,047,376, is due to the decrease in the manufacture of lumber and timber products, by far the most important industry in the state. In 1890, at the close of the decade during which lumbering was at its height, the percentage of wage-earners to total population was 7.1, which is greater than at any other census year included in the half century.

The decrease between 1880 and 1890 in the number of children employed under 16 years of age was 39.5 per cent; during the decade ending with 1900 it was two-tenths of 1.0 per cent. This is attributed to the factory act of 1889, with its later amendments, and to the compulsory school law of 1895.[1] No child under 14 can be employed in any manufacturing establishment. A register containing a sworn statement of the name, age, birthplace, and residence of all employees under 16 must be kept by the employer, to be open to official inspection. The number of women employed over 16 years of age has increased rapidly during the last two decades, a natural result of the increase in the number of industries in which women are employed.

The large increase in the manufacturing industries of Michigan is due to a steady improvement in the means of communication within the state and with the states adjoining; to the growing markets afforded by the rapidly settling West; and to the state's extraordinary forest resources. It is to the Erie Canal that the first rapid advance of Michigan can be attributed;[2] a close relation

[1] Report of the Michigan Bureau of Labor Statistics, 1898, Appendix, pages 2 and 3.
[2] History of Michigan, by J. H. Lanman, page 233.

may be traced between the development of transportation and of manufactures in the state. Before 1812 there were no roads worthy of the name. Between 1815 and 1817 a few short military roads were constructed along the Erie shore; after 1825 territorial roads were built by Congress to Saginaw, Fort Gratiot, Sandusky, Miami, and Chicago; and by 1845 the road now known as the Grand River road had become the great highway of the state.[1] These roads, and others constructed under the general plank road act of 1848, had their greatest effect upon manufacturing through the stimulus they gave to the lumber industry. During the first half of the century Michigan was dependent upon Lake Erie for its communication with the East. The greater part of the goods which found their way into western Michigan went around by the lakes, and were poled or rafted up the Grand, Kalamazoo, and St. Joseph rivers, and even up their tributaries.[2] After the completion, in the fifth and sixth decades, of the Lake Shore, Michigan Central, and Great Western railroads, the latter giving through connection with the eastern seaboard, this primitive method of transportation disappeared and a marked development in business was at once apparent.

[1] History of Detroit and Michigan, by Silas Farmer, page 925.
[2] Michigan Pioneer and Historical Collections, Vol. III, page 283.

The industrial development of the state has been marked by a steady diversification of its manufactures. There has been a moderate localization of manufacturing in the southern half of the Lower Peninsula, due to the special facilities for transportation in this section, to the offering of bonuses on the part of municipalities, and to certain natural advantages, such as good waterpower and soil specially adapted to the growing of raw material like the sugar beet.

The most serious handicap to manufacturing in Michigan is the insufficient supply of coal. There are extensive coal deposits in the central part of the Lower Peninsula, but they are of an inferior quality, and manufacturers at times find it difficult to secure a supply adequate to their demands. The local production of coal, however, has increased steadily since 1896.[3] The product for 1899 was 624,708 short tons.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for educational, eleemosynary, and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

[3] United States Geological Survey: Mineral Resources, 1899, Metallic Products, Coal, and Coke, page 463.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	20,222	$285,845,087	22,354	163,836	$66,536,992	$25,574,235	$199,906,716	$48,707,099	$142,698,419	$8,501,198	$358,022,727
Hand trades[1]	6,779	8,231,512	7,661	15,591	7,005,853	1,776,193	11,159,812	182,211	10,720,233	306,868	26,661,198
Educational, eleemosynary, and penal institutions	8	517,594	--------	28	8,054	4,823	86,883	500	77,915	8,468	220,348
Establishments with a product of less than $500	3,407	1,230,360	3,674	1,453	61,071	73,989	259,928	24,282	235,646	----------	858,802
All other establishments	10,028	275,865,621	11,019	146,764	59,462,014	23,719,230	188,400,593	48,550,106	131,664,625	8,185,862	330,282,884

[1] Includes bicycle and tricycle repairing, 310; blacksmithing and wheelwrighting, 1,830; boots and shoes, custom work and repairing, 696; carpentering, 524; clothing, men's, custom work and repairing, 703; clothing, women's, dressmaking, 367; dyeing and cleaning, 50; furniture, cabinetmaking, repairing, and upholstering, 172; lock and gun smithing, 42; masonry, brick and stone, 163; millinery, custom work, 705; painting, house, sign, etc., 404; paper hanging, 31; plastering and stuccowork, 39; plumbing, and gas and steam fitting, 295; sewing machine repairing, 7; taxidermy, 3; watch, clock, and jewelry repairing, 438.

Of the 20,222 establishments of all classes shown in this table, 10,186, or 50.4 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $27,519,500, or only 7.7 per cent of the total value of the products of the state.

In addition to the 20,222 active establishments in the state during the census year, with a capital of $285,845,087, shown in Table 2, there were 139 idle establishments, with a capital of $2,861,192, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Boxes, wooden packing	2	$20,125	Lumber and timber products	17	$427,772
Brick and tile	20	135,390	Lumber, planing mill products, including sash, doors, and blinds	4	42,300
Chemicals	2	135,000	Matches	1	40,000
Cheese, butter, and condensed milk, factory product	10	16,945	Musical instruments, pianos and materials	2	27,000
Cooperage	1	50,000	Paper and wood pulp	2	34,307
Flouring and grist mill products	11	37,100	Patent medicines and compounds	1	25,000
Foundry and machine shop products	7	36,865	Paving and paving materials	1	49,746
Fruits and vegetables, canning and preserving	7	73,025	Saddlery and harness	1	15,000
Furniture, factory product	2	30,450	Salt	2	30,800
Grease and tallow	1	50,000	Tin and terne plate	1	529,259
Iron and steel	6	688,981	All other industries	33	63,435
Lime and cement	2	226,141			
Liquors, malt	3	76,551			

TABLE 3.—COMPARATIVE SUMMARY OF FIFTEEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	3,818	$172,225,897	81,980	$35,561,887	$11,527,459	$110,989,509	$189,517,713
	1890	3,950	203,569,092	93,141	33,384,125	11,007,927	111,504,780	184,268,704
Increase, 1890 to 1900		[1] 132	[1] 31,343,195	[1] 11,161	2,177,762	519,532	[1] 515,271	5,249,009
Per cent of increase		[1] 3.3	[1] 15.4	[1] 12.0	6.5	4.7	[1] 0.5	2.8
Per cent of total of all industries in state	1900	22.7	60.6	50.5	53.5	45.2	55.6	53.1
	1890	32.6	77.6	62.6	60.7	60.0	72.2	66.3
Agricultural implements	1900	59	8,932,344	1,944	952,636	1,329,530	2,482,235	6,339,508
	1890	65	6,944,005	1,585	759,340	547,244	1,647,579	3,955,306
Carriages and wagons	1900	299	7,935,269	4,890	2,028,530	495,520	6,616,081	11,205,602
	1890	407	5,311,833	2,893	1,282,627	263,967	2,779,806	5,699,941
Cars and general shop construction and repairs by steam railroad companies.	1900	42	2,527,256	3,938	2,026,000	39,642	2,120,166	4,332,927
	1890	17	1,226,163	2,098	1,119,487	----------	1,492,487	2,645,314
Cars, steam railroad, not including operations of railroad companies.	1900	4	6,693,209	3,187	1,409,580	227,774	7,272,761	9,920,780
	1890	5	3,769,483	3,723	1,565,557	245,560	8,007,974	11,078,281
Chemicals	1900	51	7,503,853	2,897	1,162,634	503,732	2,707,464	5,364,724
	1890	4	2,415,685	1,315	513,490	438,424	1,219,045	3,380,388
Flouring and grist mill products	1900	765	7,933,587	1,423	718,499	396,484	19,924,980	23,593,991
	1890	544	8,472,852	1,852	757,068	528,927	19,462,779	22,778,829
Foundry and machine shop products	1900	364	19,595,771	13,502	6,527,496	1,540,950	8,222,862	20,615,864
	1890	260	14,331,924	7,892	4,124,997	682,510	5,491,366	13,363,030
Furniture, factory product	1900	124	13,900,789	11,870	4,570,713	875,069	6,727,378	14,614,506
	1890	116	9,328,956	8,688	3,702,977	781,256	4,268,801	10,767,038
Iron and steel	1900	10	3,859,050	1,972	941,091	277,827	3,770,213	5,902,058
	1890	19	6,696,541	1,427	756,361	369,163	4,135,991	5,829,843
Leather, tanned, curried, and finished	1900	27	5,214,042	1,427	559,142	248,297	4,697,367	6,015,590
	1890	20	1,200,982	337	163,176	52,774	1,273,315	1,743,760
Liquors, malt	1900	77	6,235,484	980	599,319	2,402,652	1,187,770	5,296,825
	1890	78	3,963,163	687	419,439	737,785	998,128	2,979,258
Lumber and timber products	1900	1,705	67,379,698	26,199	11,122,030	2,328,961	29,439,931	54,290,520
	1890	2,124	129,467,072	54,308	15,548,833	5,748,166	49,418,374	83,121,969
Lumber, planing mill products, including sash, doors, and blinds	1900	235	8,571,453	5,281	2,012,754	509,357	8,341,834	12,469,532
	1890	230	6,701,437	4,788	1,983,252	361,111	6,151,535	10,007,603
Paper and wood pulp	1900	27	4,505,741	2,014	700,826	264,373	2,707,827	4,217,869
	1890	31	2,712,773	1,219	519,432	192,302	1,711,436	2,919,166
Slaughtering: Total	1900	29	1,438,351	456	230,637	87,291	4,770,640	5,337,417
	1890	30	1,026,223	329	168,089	58,738	3,446,164	3,998,978
Slaughtering and meat packing, wholesale	1900	8	1,265,151	375	186,473	76,659	3,325,734	3,724,761
	1890	10	802,463	263	133,555	45,299	2,684,053	3,069,298
Slaughtering, wholesale, not including meat packing	1900	21	173,200	81	44,164	10,632	1,444,906	1,612,656
	1890	20	223,760	66	34,534	13,439	762,111	929,680

[1] Decrease.

The 15 leading industries of the state in 1900, as shown in Table 3, embraced 3,818 establishments, or 22.7 per cent of the total number in the state; used a capital of $172,225,897, or 60.6 per cent of the total; gave employment to 81,980 wage-earners, or 50.5 per cent of the total number; and paid $35,561,887, or 53.5 per cent of the total wages. The value of their products was $189,517,713, or 53.1 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

Table 3 shows that the manufacture of lumber and timber products is the most important industry in the state. The 1,705 establishments reported in 1900 gave employment to 26,199 wage-earners, or 16.1 per cent of the wage-earners employed in the state, and the products were valued at $54,290,520, or 15.2 per cent of the total value of the products of the state. In 1890 there were 2,124 establishments, 54,308 wage-earners, and products valued at $83,121,969. The decrease in the value of products during the decade was $28,831,449, or 34.7 per cent.

The vast pine and hard wood forests of Michigan have constituted the state's most valuable natural resource. During the first half of the century there was a great influx of settlers who were attracted to the oak openings back from Detroit, on the higher land of the interior. Timber was sawed by mills in this section for local trade, but the lumber industry may be said to have begun in 1834, when Harvey Williams built the first steam sawmill in the Saginaw Valley. Other small establishments followed in rapid succession, manufacturing chiefly for local markets. With roadbuilding the lumber industry advanced rapidly. At Flint, in 1854, after the opening of a plank road, the prices of lumber nearly doubled. In 1858 a regular logging business was begun at Alpena, 1,000,000 feet of logs being put out that year at $2 per 1,000 feet, board measure.[1] The industry was at first concentrated along the valleys of the Grand, Saginaw, and Muskegon rivers

[1] One Hundred Years of American Commerce, Vol. I, page 197.

and their tributaries, and at lake ports, such as Alpena, Manistee, Ludington, Cheboygan, and Grand Haven. The building of railways between 1870 and 1880 opened up the more inaccessible portions of the northern part of the Lower Peninsula, and many new lumber centers sprang up. A change thereupon took place in the industry. Instead of transporting logs to the mills located on the lake shore and at the mouths of rivers, lumber manufacturers moved their mills to the sources of supply. The Saginaw Valley, the Lake Huron shore, Manistee, Muskegon, and the Upper Peninsula came to be the most important lumber regions. The decline in the industry since 1890 is the inevitable penalty the state has been obliged to pay for the extravagant and wasteful exploitation of its forests in the preceding decades. The production is still great, although large quantities of logs are brought into the state. The industry at Alpena, for example, has been sustained by the importation of logs from Canada.[1] The high-grade woods of the state were the first to be exhausted. Public opinion is now developing in favor of a system of forestry, and a commission has been created looking toward the protection of the forests.

The manufacture of flouring and grist mill products ranks second among the industries of the state, with 765 establishments, 1,423 wage-earners, and products valued at $23,593,991. In 1890 there were 544 establishments, 1,852 wage-earners, and products valued at $22,778,829. The increase in the value of products during the decade was $815,162, or 3.6 per cent. In the earlier decades the number of establishments was large, the absence of adequate means of transportation necessitating the establishment of mills for every small market. In recent years the industry has tended to localize at points which possess superior waterpower or shipping facilities. Grand Rapids, Detroit, Adrian, Greenville, Coldwater, Saginaw, and Niles are important milling centers.

There were 364 establishments engaged in 1900 in the manufacture of foundry and machine shop products, the industry third in rank, with 13,502 wage-earners, and products valued at $20,615,864. In 1890 there were 260 establishments, 7,892 wage-earners, and products valued at $13,363,030. The increase in the value of products during the decade was $7,252,834, or 54.3 per cent. This industry is well distributed throughout the state. In addition to the principal centers, which are Detroit and contiguous towns on the Detroit River, Grand Rapids, Saginaw, Bay City, and Jackson, there are many other centers of growing importance, including Battle Creek, Kalamazoo, Lansing, Muskegon, Manistee, and Marquette.

There were 124 establishments engaged in the factory manufacture of furniture in 1900, with 11,870 wage-earners, and products valued at $14,614,506. In 1890 there were 116 establishments, 8,688 wage-earners, and products valued at $10,767,038. The increase in the value of products during the decade was $3,847,468, or 35.7 per cent. Grand Rapids is conspicuous as one of the great furniture centers of the world. Second in the state stands Detroit, and the industry is carried on also in Muskegon, Saginaw, Owosso, Holland, Pentwater, Bingham, Sturgis, Plymouth, and Big Rapids. There is a tendency toward localization and an increase in the size of establishments, notably at Grand Rapids, the value of whose furniture products in 1900 was $7,494,607. The first cabinet shop in that city is said to have been established in 1849 by Abraham Snively.[2] Abundant waterpower, and a river draining areas covered with both pine and hard wood, gave the industry a sudden and rapid growth. Although the waterpower is now of much less importance, and the timber is becoming exhausted, so that large quantities are imported, the impetus given by these early natural advantages has been maintained by the utilization of new resources. The most important of these are the unique method of sale by photographs, the invention and use of special furniture cars, and the establishment of great semiannual fairs at Grand Rapids. Buyers are thus attracted from a widely extended area, and the tendency toward centralization is accentuated.[3]

There were 235 establishments engaged in the manufacture of planing mill products in 1900, with 5,281 wage-earners, and products valued at $12,469,532. In 1890 there were 230 establishments, 4,788 wage-earners, and products valued at $10,007,603. The increase in the value of products during the decade was $2,461,929, or 24.6 per cent. While the manufacture of lumber and timber products has decreased, the manufacture of planing mill products has increased. In consequence of the impairment of the timber supply of the state, the attention of lumber manufacturers, especially in Saginaw, has been turned to the finer forms of wood manufacture. Other important cities in the planing mill industry are Detroit, Grand Rapids, Marquette, Bay City, Lansing, Kalamazoo, Jackson, and Owosso.

There were 299 establishments engaged in the manufacture of carriages and wagons in 1900, with 4,890 wage-earners, and products valued at $11,205,602. In 1890 there were 407 establishments, 2,893 wage-earners, and products valued at $5,699,941. The increase in the value of products during the decade was $5,505,661, or 96.6 per cent. From 1880 to 1890 there was an increase in the number of establishments, but since 1890 there has been a marked decrease, due to the inability of many small establishments to survive in competition with those producing on a large scale. The nearness of this industry to raw materials, as compared with the vehicle manufacturing centers of some of the other states, an increasing local and neighboring market, and excellent shipping facilities have influenced its growth and localization. The cities chiefly interested in the manufacture of carriages and wagons are Grand Rapids, Flint, Jackson, Detroit, Pontiac, and Lansing.

There were 4 establishments engaged in the manufacture of steam railroad cars in 1900, with 3,187 wage-

[1] Bulletins of Farmers' Institutes, 1896–1897, page 38.

[2] Report of the Michigan Bureau of Labor Statistics, 1900, page 69.

[3] Ibid., page 76.

earners, and products valued at $9,920,780. In 1890 there were 5 establishments, 3,723 wage-earners, and products valued at $11,078,281. The decrease in the value of products during the decade was $1,157,501, or 10.4 per cent. This decrease is due to the consolidation of large establishments located in Detroit with similar establishments in other states, and the resultant redistribution of production.

There were 59 establishments engaged in the manufacture of agricultural implements in 1900, with 1,944 wage-earners, and products valued at $6,339,508. In 1890 there were 65 establishments, 1,585 wage-earners, and products valued at $3,955,306. The increase in the value of products during the decade was $2,384,202, or 60.3 per cent. The cities in which this manufacture is most conspicuous are Albion, Adrian, Battle Creek, Kalamazoo, Greenville, Lansing, Pontiac, Saginaw, and Detroit.

There were 27 establishments engaged in the tanning, currying, and finishing of leather in 1900, with 1,427 wage-earners, and products valued at $6,015,590. In 1890 there were 20 establishments, 337 wage-earners, and products valued at $1,743,760. The increase in the value of products during the decade was $4,271,830, or 245 per cent. This large increase is due chiefly to a radical change in the industry, the hides being transported from centers like Chicago to the place of the tanning bark in Michigan, instead of the bark to the hides.

There were 10 establishments engaged in the manufacture of iron and steel in 1900, with 1,972 wage-earners, and products valued at $5,902,058. In 1890 there were 19 establishments, 1,427 wage-earners, and products valued at $5,829,843. The increase in the value of products during the decade was $72,215, or 1.2 per cent. In spite of this slight increase in the value of products, there has been a marked decrease in the number of establishments, which is explainable by the insufficiency of the coal supply. The high-grade iron ores of the Lake Superior district are available, but iron manufacturing has always shown a tendency to localize near the fuel rather than near the ore.

There were 51 establishments engaged in the manufacture of chemicals in 1900, with 2,897 wage-earners, and products valued at $5,364,724. In 1890 there were 4 establishments, 1,315 wage-earners, and products valued at $3,380,388. The increase in the value of products during the decade was $1,984,336, or 58.7 per cent. This is an industry of growing importance, and is carried on chiefly in Detroit. Prior to 1880 its rank in census statistics was very low.

There were 29 establishments engaged in slaughtering and meat packing in 1900, with 456 wage-earners, and products valued at $5,337,417. In 1890 there were 30 establishments, 329 wage-earners, and products valued at $3,998,978. The increase in the value of products during the decade was $1,338,439, or 33.5 per cent. Prior to 1890 this industry was inconsiderable, but it has had a favorable development during the last decade. The chief centers are Detroit and Bay City.

There were 77 establishments engaged in the manufacture of malt liquors in 1900, with 980 wage-earners, and products valued at $5,296,825. In 1890 there were 78 establishments, 687 wage-earners, and products valued at $2,979,258. The increase in the value of products during the decade was $2,317,567, or 77.8 per cent. The growth of this manufacture has been steady, keeping pace with the increasing local demand. Detroit is now the chief center.

There were 42 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 3,938 wage-earners, and products valued at $4,332,927. In 1890 there were 17 establishments, 2,098 wage-earners, and products valued at $2,645,314. The increase in the value of products during the decade was $1,687,613, or 63.8 per cent.

There were 27 establishments engaged in the manufacture of paper and wood pulp in 1900, with 2,014 wage-earners, and products valued at $4,217,869. In 1890 there were 31 establishments, 1,219 wage-earners, and products valued at $2,919,166. The increase in the value of products during the decade was $1,298,703, or 44.5 per cent. The increasing publishing and book-making industries furnish a good market, and the completion of the Sault Ste. Marie power canal, near the source of raw material, and now in process of construction, will offer great advantages for pulp manufacturing at that point.

In addition to the industries included in Table 3, attention may be called to the manufacture of beet sugar. There were 9 establishments engaged in this industry in 1900, with 473 wage-earners, and products valued at $1,602,266. There were no establishments in operation in 1890. Michigan ranked second in the United States in this industry in 1900, the value of its products constituting 21.9 per cent of the total for the United States. The manufacture of beet sugar on a small scale was unsuccessfully attempted in Michigan as early as 1838.[1] The natural conditions were found to be favorable, but large capital, efficient machinery, and an advanced system of agriculture were wanting. Within the past ten years these deficiencies have been supplied, and Michigan has been able to reap the benefits of its natural advantages for raising sugar beets.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Bay City, Detroit, Grand Rapids, Jackson, Muskegon, and Saginaw, as returned at the censuses of 1890 and 1900, with the percentages of increase.

[1] Blois' Gazetteer, 1838, page 110.

TABLE 4.—COMPARATIVE SUMMARY, BAY CITY, DETROIT, GRAND RAPIDS, JACKSON, MUSKEGON, AND SAGINAW, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
The State	1900	16,807	$284,097,133	162,355	$66,467,867	$25,495,423	$199,559,905	$356,944,082
	1890	12,127	262,412,240	148,674	54,982,906	18,348,381	154,521,918	277,896,706
Per cent of increase		38.6	8.3	9.2	20.9	39.0	29.1	28.4
Bay City	1900	376	5,645,525	3,307	1,466,328	385,641	3,820,599	7,087,624
	1890	331	9,654,415	4,203	1,576,659	518,771	5,043,587	9,069,342
Per cent of increase		13.6	[1]41.5	[1]21.3	[1]7.0	[1]25.7	[1]24.2	[1]21.9
Detroit	1900	2,847	71,751,193	45,707	18,718,081	10,844,958	52,349,347	100,892,838
	1890	1,746	45,041,167	34,535	15,490,171	5,947,307	41,360,058	77,351,546
Per cent of increase		63.1	59.3	32.3	20.8	82.4	26.6	30.4
Grand Rapids	1900	824	23,433,760	14,361	5,904,670	1,950,456	12,348,978	24,824,042
	1890	869	15,945,947	11,869	5,279,617	1,289,458	9,391,615	19,851,181
Per cent of increase		[1]5.2	47.0	21.0	11.8	51.3	31.5	25.1
Jackson	1900	291	4,617,656	4,206	1,666,680	480,757	4,223,891	7,587,526
	1890	220	4,979,444	3,258	1,128,657	337,634	2,782,640	5,376,347
Per cent of increase		32.3	[1]7.3	29.1	47.7	42.4	51.8	41.1
Muskegon	1900	200	4,602,390	3,235	1,185,697	386,488	2,631,279	5,097,059
	1890	301	9,863,819	3,883	1,608,293	478,391	4,795,251	8,278,160
Per cent of increase		[1]33.6	[1]53.3	[1]16.7	[1]26.3	[1]19.2	[1]45.1	[1]38.4
Saginaw	1900	480	7,558,806	4,866	1,936,558	594,269	5,816,237	10,034,499
	1890	335	12,406,823	5,305	2,271,623	667,399	6,587,763	11,303,006
Per cent of increase		43.3	[1]39.1	[1]8.3	[1]14.8	[1]11.0	[1]11.7	[1]11.2
Total for 6 cities	1900	5,018	117,609,330	75,682	30,878,014	14,642,569	81,190,331	155,523,588
	1890	3,802	97,891,615	63,053	27,355,020	9,238,960	69,960,914	131,229,582
Per cent of increase		32.0	20.1	20.0	12.9	58.5	16.1	18.5
Per cent of 6 cities to total for state	1900	29.9	41.4	46.6	46.5	57.4	40.7	43.6
	1890	31.4	37.3	42.4	49.8	50.4	45.3	47.2

[1] Decrease.

It appears from Table 4 that there has been an increase during the past decade in the combined manufactures of these 6 cities. The number of establishments increased from 3,802 to 5,018, or 32.0 per cent; the average number of wage-earners from 63,053 to 75,682, or 20.0 per cent; and the value of products from $131,229,582 to $155,523,588, or 18.5 per cent. The percentage of increase in the number of establishments and the value of products has been smaller in these 6 cities than in the state as a whole. Jackson shows the most rapid growth, the value of products having increased from $5,376,347 in 1890 to $7,587,526 in 1900, or 41.1 per cent. In Detroit, the leading manufacturing city, the number of establishments increased from 1,746 to 2,847, or 63.1 per cent; the number of wage-earners from 34,535 to 45,707, or 32.3 per cent; and the value of products from $77,351,546 to $100,892,838, or 30.4 per cent. The number of establishments, number of wage-earners, and value of products in this city in 1900 constituted 16.9, 28.2, and 28.3 per cent, respectively, of the totals for the state. In Bay City, Muskegon, and Saginaw, lumber manufacturing, which shows a decline during the decade, has been the dominant industry. The decrease in the value of products, in cities shown in Table 4, is limited to these 3 cities.

Table 5 presents the totals for the manufacturing industries of the 63 cities and villages withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and villages, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Products. Value.	Products. Rank.	Products. Per cent of total.	Population. Total.	Population. Rank.	Population. Per cent of total.
Total for state	16,807	$284,097,133	18,680	162,355	$66,467,867	$25,495,423	$199,559,905	$356,944,082	-------	100.0	2,420,982	-------	100.0
Total for urban manufactures	9,679	188,972,294	10,560	117,504	48,309,184	21,058,456	127,606,208	243,448,473	-------	68.2	883,544	-------	36.5
Adrian	166	1,756,050	191	1,151	499,879	164,186	1,041,707	2,424,678	17	0.7	9,654	22	0.4
Albion	61	1,420,593	70	520	221,913	118,988	503,879	1,080,426	34	0.3	4,519	38	0.2
Allegan	54	193,453	66	184	65,371	15,195	218,375	363,278	53	0.1	2,667	50	0.1
Alpena	98	2,585,476	120	1,004	420,334	126,462	1,476,613	2,445,896	16	0.7	11,802	17	0.5
Ann Arbor	231	1,304,694	273	1,187	462,181	209,967	1,238,260	2,340,138	18	0.7	14,509	11	0.6
Au Sable	6	9,380	6	38	17,700	621	25,644	57,725	63	(1)	1,116	62	(1)
Battle Creek	177	7,354,492	190	2,323	1,079,934	1,467,100	2,351,015	6,753,208	7	1.9	18,563	9	0.8
Bay City	376	5,645,525	403	3,307	1,466,328	385,641	3,820,599	7,087,624	6	2.0	27,628	4	1.1
Benton Harbor	89	1,215,244	98	700	247,166	65,208	737,546	1,269,243	30	0.4	6,562	29	0.3
Bessemer	27	87,975	25	43	23,992	6,552	70,659	141,466	62	(1)	8,911	48	0.2

[1] Less than one-tenth of 1 per cent.

TABLE 5.—URBAN MANUFACTURES—Continued.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	PRODUCTS. Value.	PRODUCTS. Rank.	PRODUCTS. Per cent of total.	POPULATION. Total.	POPULATION. Rank.	POPULATION. Per cent of total.
Big Rapids	59	$554,666	64	454	$180,285	$32,699	$401,545	$761,634	39	0.2	4,686	37	0.2
Cadillac	63	2,553,064	86	788	362,660	104,501	1,364,339	2,164,787	21	0.6	5,997	32	0.2
Charlotte	65	360,900	82	327	120,069	23,351	285,638	528,317	47	0.1	4,092	42	0.2
Cheboygan	61	1,845,540	69	665	280,188	118,522	1,054,867	1,730,843	24	0.5	6,489	30	0.3
Chelsea	40	207,550	47	188	70,415	8,705	123,785	293,452	55	0.1	1,635	60	0.1
Coldwater	119	1,925,720	132	846	324,389	104,750	1,200,058	1,935,543	23	0.5	6,216	31	0.3
Detroit	2,847	71,751,193	3,123	45,707	18,718,081	10,844,958	52,349,347	100,892,838	1	28.3	285,704	1	11.8
Dowagiac	71	1,215,933	81	667	333,495	103,828	601,115	1,389,216	25	0.4	4,151	41	0.2
East Tawas	23	193,176	24	71	25,636	14,758	61,713	170,310	59	(1)	1,736	59	0.1
Eaton Rapids	40	124,037	44	90	30,232	8,418	156,541	246,919	57	0.1	2,103	55	0.1
Flint	154	2,605,428	174	2,186	895,186	262,543	3,006,436	5,198,827	8	1.5	13,103	15	0.5
Grand Haven	56	576,910	64	533	194,473	49,427	417,929	826,165	37	0.2	4,743	36	0.2
Grand Rapids	824	23,433,760	877	14,361	5,904,670	1,950,456	12,348,978	24,824,042	2	7.0	87,565	2	3.6
Greenville	90	542,117	107	384	170,356	82,346	452,764	851,688	36	0.2	3,381	43	0.1
Hastings	57	350,792	66	347	125,772	37,413	382,962	691,046	40	0.2	3,172	49	0.1
Hillsdale	88	606,278	96	332	152,337	27,701	1,047,550	1,384,462	26	0.4	4,151	41	0.2
Hudson	74	395,090	85	227	106,360	29,077	311,418	610,152	43	0.2	2,403	53	0.1
Ironwood	47	163,090	52	134	66,288	8,371	103,224	250,463	56	0.1	9,705	21	0.4
Ishpeming	55	192,887	60	191	97,256	17,540	186,010	404,916	51	0.1	13,255	13	0.5
Jackson	291	4,617,656	309	4,206	1,666,680	480,757	4,223,891	7,587,526	5	2.1	25,180	5	1.0
Kalamazoo	268	5,796,195	279	4,293	1,617,299	624,914	4,257,010	8,056,908	4	2.3	24,404	6	1.0
Lansing	164	2,018,219	188	1,575	647,788	188,327	1,364,831	2,827,842	14	0.8	16,485	10	0.7
Ludington	61	1,852,865	56	763	350,674	83,810	1,188,854	2,188,412	20	0.6	7,166	26	0.3
Manistee	140	5,608,707	133	1,745	772,354	265,974	1,840,630	3,886,420	12	1.1	14,260	12	0.6
Marine City	38	249,362	44	148	69,582	14,847	173,740	298,537	54	0.1	3,829	44	0.2
Marquette	78	1,565,390	87	645	344,930	186,411	1,128,736	2,005,486	22	0.6	10,058	19	0.4
Marshall	86	461,692	97	336	144,280	135,842	322,695	820,254	38	0.2	4,370	39	0.2
Menominee	90	5,451,446	83	1,968	912,016	287,816	2,615,528	4,685,324	10	1.3	12,818	16	0.5
Monroe	86	374,889	97	372	139,505	40,001	324,186	632,495	42	0.2	5,043	35	0.2
Mt. Clemens	78	403,273	92	328	130,212	48,410	220,980	533,207	46	0.1	6,576	28	0.3
Mt. Pleasant	58	242,593	51	262	90,626	18,178	187,163	389,916	52	0.1	3,662	45	0.2
Muskegon	200	4,602,390	203	3,235	1,185,697	386,488	2,631,279	5,097,059	9	1.4	20,818	7	0.9
Negaunee	32	68,467	34	68	35,874	5,583	57,417	143,432	61	(1)	6,935	27	0.3
Niles	78	901,507	73	620	223,603	29,273	731,415	1,183,793	32	0.3	4,287	40	0.2
Otsego	28	531,776	27	458	143,282	56,385	358,713	663,451	41	0.2	2,073	56	0.1
Owosso	111	1,685,715	114	1,260	513,275	118,087	1,380,506	2,265,498	19	0.6	8,696	24	0.4
Pontiac	106	1,393,867	114	1,315	512,161	96,587	1,754,532	2,793,499	15	0.8	9,769	20	0.4
Port Huron	186	3,301,954	189	2,417	1,119,320	249,995	2,078,896	4,298,743	11	1.2	19,158	8	0.8
Reed City	55	272,790	69	260	103,051	30,567	291,488	536,451	45	0.1	2,051	57	0.1
Saginaw	480	7,558,806	505	4,866	1,936,558	594,269	5,816,237	10,034,499	3	2.8	42,345	3	1.7
St. Clair	36	395,180	37	238	101,995	21,354	279,689	515,968	48	0.1	2,543	51	0.1
St. Johns	59	476,258	63	295	95,469	27,507	304,482	539,252	44	0.2	3,388	47	0.1
St. Joseph	75	954,419	81	933	353,591	73,343	606,969	1,308,277	29	0.4	5,155	34	0.2
St. Louis	37	60,040	42	47	16,306	4,183	94,818	149,854	60	(1)	1,989	58	0.1
Sault Ste. Marie	84	723,936	102	472	262,582	56,234	491,004	1,166,700	33	0.3	10,538	18	0.4
Sturgis	56	337,252	56	323	120,507	14,401	233,542	478,093	49	0.1	2,465	52	0.1
Tawas City	11	161,715	17	108	48,440	3,513	95,173	173,715	58	0.1	1,228	61	(1)
Tecumseh	61	264,815	65	293	123,348	24,863	190,394	429,085	50	0.1	2,400	54	0.1
Three Rivers	67	561,558	66	491	201,498	49,347	828,266	1,238,245	31	0.3	3,550	46	0.1
Traverse City	80	1,004,531	94	878	374,396	53,601	629,634	1,362,860	27	0.4	9,407	23	0.4
West Bay City	121	2,323,910	124	2,153	868,504	214,327	2,294,668	3,763,522	13	1.1	13,119	14	0.5
Wyandotte	50	679,947	63	493	187,822	88,743	542,419	956,055	35	0.3	5,183	33	0.2
Ypsilanti	110	898,161	121	681	233,013	95,235	725,907	1,318,793	28	0.4	7,378	25	0.3
Total for state exclusive of urban manufactures	7,128	95,124,839	8,120	44,851	18,158,683	4,436,967	71,953,697	113,495,609	-------	31.8	1,537,438	-------	63.5
Per cent of urban manufactures to total for state	57.6	66.5	56.5	72.4	72.7	82.6	63.9	68.2	-------	-------	36.5	-------	-------

[1] Less than one-tenth of 1 per cent.

Of the 16,807 establishments in the state, 9,679, or 57.6 per cent, were located in these 63 cities and villages. They furnished employment to 117,504 wage-earners, or 72.4 per cent of the total number, and the value of their products, $243,448,473, formed 68.2 per cent of the total for the state. Certain of the cities included in Table 5 have become centers of important industries: Kalamazoo for axles, beet sugar, carriages and carriage springs, corsets, machinery, paper, and blank books; Jackson for carriages, corsets, machines, oil stoves, tools, and wheels; Battle Creek for agricultural implements (especially threshing machines), books, health foods (for which it has established a national reputation), machinery, and pumps; Flint and Pontiac for carriages and wagons and carriage and wagon materials; Port Huron for engines, machinery, steel ships, and wood pulp; and Lansing for agricultural implements, beet sugar, carriages and wagons, display fixtures, furniture, stoves, and wheelbarrows. Products of some of these industries are exported.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Bay City, Detroit, Grand Rapids, Jackson, Kalamazoo, Muskegon, and Saginaw by specified industries.

Table 9 shows the totals for the cities and villages withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

	COUNTIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	16,807	$284,097,133	$42,830,900	$35,243,987	$68,117,259	$137,904,987	18,680	13,858	$12,562,855	162,355	$66,467,867
2	Alcona	21	303,977	113,146	10,950	44,250	135,631	23	11	9,165	162	73,007
3	Alger	23	3,060,066	1,692,296	162,175	236,567	969,028	21	31	56,115	950	430,030
4	Allegan	234	1,348,336	194,377	250,133	340,591	563,235	262	59	39,164	964	313,951
5	Alpena	113	2,631,491	260,367	338,911	636,035	1,396,178	136	61	48,951	1,066	445,914
6	Antrim	70	3,072,897	946,190	398,449	454,129	1,274,129	75	60	63,799	1,519	565,384
7	Arenac	51	363,436	33,790	27,680	84,531	217,435	58	12	11,300	303	130,030
8	Baraga	14	3,291,042	2,288,300	78,150	190,647	733,945	16	22	29,083	212	96,859
9	Barry	170	689,042	43,430	109,004	192,073	344,535	188	24	17,584	638	218,310
10	Bay	567	9,694,433	914,911	1,479,398	2,847,039	4,453,085	601	340	327,028	5,977	2,555,876
11	Benzie	60	651,387	131,072	84,675	154,713	280,927	71	20	16,911	340	137,398
12	Berrien	390	3,981,020	416,081	559,907	1,394,628	1,610,404	415	238	198,296	2,847	1,006,643
13	Branch	241	3,143,311	803,859	423,020	1,332,064	584,368	276	111	91,927	1,164	444,612
14	Calhoun	407	9,469,280	451,243	954,308	1,288,130	6,775,599	459	638	517,824	3,295	1,493,738
15	Cass	140	1,423,680	97,940	89,125	146,651	1,089,964	173	74	55,966	758	372,847
16	Charlevoix	84	1,913,946	842,941	60,325	354,374	656,306	106	38	29,315	655	268,766
17	Cheboygan	96	2,295,145	309,411	216,072	464,880	1,304,782	114	41	43,774	858	351,521
18	Chippewa	117	3,604,217	1,730,458	200,830	518,068	1,154,861	132	103	90,813	1,364	682,968
19	Clare	69	417,032	86,067	29,290	81,650	220,025	80	10	8,940	393	154,833
20	Clinton	169	821,804	38,305	142,830	229,385	411,284	197	24	25,235	471	162,109
21	Crawford	17	682,652	424,385	10,750	67,850	179,367	22	5	4,400	232	111,355
22	Delta	98	4,194,778	1,338,746	416,899	676,806	1,762,327	98	81	116,708	2,184	1,057,534
23	Dickinson	63	711,126	58,341	83,500	128,933	440,352	60	21	22,143	305	143,108
24	Eaton	212	890,159	99,820	186,463	275,251	328,625	250	71	47,684	878	349,042
25	Emmet	102	1,277,674	356,525	134,581	217,967	568,601	130	44	32,216	674	302,110
26	Genesee	369	8,205,723	183,886	343,945	549,082	2,128,810	412	123	93,785	2,541	1,027,670
27	Gladwin	27	356,030	136,100	14,160	75,775	129,995	37	7	4,638	164	63,140
28	Gogebic	75	262,465	33,135	27,800	53,275	148,255	77	10	10,720	180	91,480
29	Grand Traverse	123	1,514,584	334,986	170,276	339,948	669,374	143	53	50,692	1,152	505,709
30	Gratiot	150	1,181,406	101,455	177,710	433,177	469,064	176	31	16,245	605	208,741
31	Hillsdale	264	970,340	60,593	170,962	288,849	449,936	308	58	45,949	696	277,544
32	Houghton[1]	145	4,473,748	846,083	1,523,771	824,285	1,279,609	130	92	97,066	2,611	1,752,312
33	Huron	128	792,717	150,545	132,975	204,910	304,287	152	24	16,785	403	155,643
34	Ingham	293	2,447,045	158,061	366,487	711,892	1,210,605	345	184	143,223	1,859	740,749
35	Ionia	218	2,501,973	146,570	461,994	584,063	1,309,346	237	93	77,467	1,662	516,382
36	Iosco	60	1,552,387	863,688	223,225	458,914	506,560	75	40	32,148	668	262,153
37	Iron	46	587,556	103,985	28,000	73,790	381,781	40	15	20,250	291	140,213
38	Isabella	120	491,570	38,565	57,917	181,116	213,972	129	30	20,705	492	166,853
39	Jackson	417	5,021,518	305,241	726,530	1,029,704	2,960,073	447	402	371,972	4,336	1,709,741
40	Kalamazoo	344	6,453,882	544,627	703,880	1,582,589	3,622,786	371	533	460,892	4,493	1,681,685
41	Kalkaska	34	326,948	60,880	24,050	73,055	168,963	50	15	10,712	363	138,019
42	Kent	992	24,664,064	2,068,004	3,679,396	6,024,641	12,892,023	1,070	1,263	1,230,703	15,015	6,141,139
43	Lake	20	47,651	8,171	4,375	16,875	18,230	21	2	900	41	18,602
44	Lapeer	177	572,059	35,796	117,259	183,779	235,225	201	14	9,368	322	112,675
45	Leelanaw	36	846,380	224,695	52,275	248,833	320,577	46	13	12,855	457	163,305
46	Lenawee	491	3,278,642	234,077	543,983	755,848	1,744,734	565	253	171,073	2,194	911,738
47	Livingston	114	447,399	32,010	109,486	121,468	184,435	133	8	6,600	240	91,137
48	Luce	3	304,938	21,566	15,150	94,981	173,241	2	15	15,198	204	97,911
49	Mackinac	21	613,835	79,060	15,450	75,109	444,216	31	19	15,820	281	133,350
50	Macomb	206	856,137	109,310	192,169	229,333	325,325	239	28	17,504	613	241,577
51	Manistee	180	10,098,153	3,133,374	856,075	1,610,864	4,497,840	170	145	150,352	3,087	1,330,054
52	Marquette	172	2,159,486	631,685	278,124	421,373	828,304	187	70	80,291	1,011	525,404
53	Mason	95	2,347,234	577,634	179,275	503,175	1,087,150	97	44	44,415	990	453,361
54	Mecosta	116	743,011	92,172	121,489	193,416	335,934	138	25	18,468	586	232,360
55	Menominee	121	6,938,898	2,007,890	524,150	1,039,755	3,367,103	128	137	175,051	2,985	1,303,985
56	Midland	66	401,802	36,542	85,503	132,340	147,417	82	21	18,669	250	114,532
57	Missaukee	50	337,425	94,800	20,210	76,005	146,410	55	11	7,080	291	99,892
58	Monroe	204	966,519	213,582	147,485	269,339	336,113	231	40	20,357	609	216,702
59	Montcalm	200	1,181,629	175,153	126,355	223,376	656,745	231	55	56,522	819	331,410
60	Montmorency	22	665,563	270,530	8,820	66,965	319,248	29	5	5,850	237	86,625
61	Muskegon	267	6,524,197	1,253,558	729,125	1,288,673	3,252,841	265	237	226,056	4,827	1,712,559
62	Newaygo	47	270,136	19,387	30,027	51,690	169,032	56	3	2,110	109	43,771
63	Oakland	350	2,916,637	165,971	496,771	839,731	1,414,164	379	155	124,364	2,021	743,231
64	Oceana	92	532,873	71,860	72,410	111,131	277,472	116	13	15,897	458	153,467
65	Ogemaw	34	398,495	87,849	26,037	96,425	188,184	34	7	6,320	159	67,309
66	Ontonagon	16	696,311	157,592	75,335	59,249	404,135	20	23	14,312	185	83,505
67	Osceola	159	788,267	145,525	65,357	219,199	358,186	195	16	11,895	647	258,139
68	Oscoda	7	38,234	23,300	1,400	7,850	5,684	14	------	------	101	30,104
69	Otsego	35	512,732	245,700	28,925	88,335	149,772	45	18	16,090	295	118,902
70	Ottawa	216	3,715,144	184,212	483,366	824,215	2,223,351	237	150	127,864	2,415	828,386
71	Presque Isle	73	1,033,053	519,985	40,784	155,404	316,880	89	25	19,799	478	218,914
72	Roscommon	17	268,632	194,960	3,820	27,800	42,052	15	8	4,950	114	47,424
73	Saginaw	616	10,161,657	1,255,020	1,068,230	1,942,309	5,896,098	651	468	451,672	5,826	2,277,100
74	St. Clair	363	6,508,338	455,315	876,244	1,198,785	3,977,964	386	286	181,868	3,237	1,441,110
75	St. Joseph	260	1,451,988	113,884	278,263	340,729	719,112	288	92	80,250	1,182	441,534

[1] One establishment in Keweenaw county included in Houghton county to avoid disclosing operations of individual establishments.

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
136,627	$60,835,081	23,092	$5,239,149	2,636	$393,637	$25,495,423	$1,802,993	$1,835,198	$20,058,714	$1,798,518	$199,559,905	$194,282,961	$5,276,944	$356,944,082	1
156	71,767	------	------	6	1,240	15,318	753	7,638	6,927	------	281,722	281,182	540	527,134	2
948	429,470	1	384	1	176	115,428	2,003	17,248	96,177	------	800,177	799,580	597	1,651,959	3
751	273,297	210	40,186	3	468	99,571	6,319	12,350	54,736	26,166	1,098,019	1,044,774	53,245	1,862,480	4
996	431,616	52	11,903	18	2,395	127,911	6,998	17,008	103,905	------	1,495,023	1,461,489	33,534	2,502,191	5
1,500	561,049	19	4,335	------	------	139,143	1,461	22,804	114,878	------	1,737,983	1,416,498	321,485	3,137,374	6
280	124,509	6	1,554	17	3,967	14,527	1,010	4,034	9,483	------	395,546	394,527	1,019	651,778	7
211	96,659	1	200	------	------	102,381	549	14,960	86,792	80	622,749	622,426	323	1,078,315	8
523	192,076	112	25,805	3	429	54,296	8,438	3,938	38,746	3,174	883,836	864,081	19,755	1,462,197	9
5,592	2,465,085	341	82,980	44	7,811	693,225	48,746	72,818	515,379	56,282	6,875,754	6,701,761	173,993	12,192,096	10
337	136,903	2	364	1	126	27,795	1,433	7,327	17,545	1,490	308,519	305,476	3,043	627,886	11
2,130	856,446	675	143,905	42	6,292	258,087	21,416	21,819	206,977	7,875	3,042,828	2,936,709	106,119	5,204,035	12
982	410,013	170	32,688	12	1,911	135,922	13,505	8,854	113,448	115	1,644,934	1,546,012	98,922	2,773,219	13
2,819	1,380,568	457	110,422	19	2,748	1,731,412	36,722	37,348	1,640,400	16,942	3,610,253	3,534,445	75,808	9,308,473	14
728	365,914	26	6,430	4	503	107,186	5,109	5,820	96,257	------	868,290	852,841	15,449	1,774,341	15
645	266,671	6	1,640	4	455	65,449	1,569	16,972	46,608	300	803,381	801,207	2,174	1,352,929	16
835	346,963	20	3,764	3	794	126,767	6,849	14,544	105,374	------	1,245,116	1,236,195	8,921	2,082,497	17
1,294	663,610	55	14,444	15	4,914	121,401	11,117	14,151	96,133	------	1,306,171	1,300,375	5,796	3,037,971	18
386	153,242	7	1,591	------	------	17,525	1,760	4,556	10,909	300	294,925	293,637	1,288	593,712	19
424	151,715	42	9,569	5	825	43,673	6,677	4,518	29,278	3,200	689,071	672,582	16,489	1,131,830	20
230	110,631	2	724	------	------	42,620	272	16,282	25,941	125	404,407	404,284	123	639,568	21
2,092	1,036,094	78	18,375	14	3,065	161,153	7,080	36,400	109,573	8,100	1,963,862	1,786,428	177,434	4,171,958	22
283	137,654	18	4,758	4	696	28,291	4,953	5,024	18,314	------	375,762	372,908	2,854	701,398	23
778	327,169	97	21,411	3	462	51,829	9,921	6,918	32,940	2,050	824,551	798,218	26,333	1,554,693	24
654	296,941	18	4,819	2	350	64,053	3,984	9,809	50,260	------	721,615	711,933	9,682	1,402,695	25
2,228	949,170	300	76,991	13	1,509	296,813	25,401	16,815	203,722	50,875	3,821,034	3,766,689	54,345	6,389,386	26
163	63,044	------	------	1	96	11,521	671	3,178	7,672	------	162,908	162,673	235	276,196	27
161	88,560	18	2,820	1	100	14,926	6,406	1,813	6,707	------	175,483	170,853	4,630	395,529	28
970	462,597	132	34,306	50	8,806	74,773	9,405	11,502	52,866	1,000	865,202	854,904	10,298	1,890,144	29
580	203,756	20	4,529	5	456	46,622	5,941	6,172	32,359	2,150	561,523	539,859	21,664	1,052,323	30
559	238,533	127	37,596	10	1,415	47,436	10,289	5,721	30,876	550	1,542,610	1,516,542	26,068	2,224,447	31
2,528	1,733,542	71	16,930	12	1,840	305,065	18,042	26,525	224,728	35,770	18,728,927	18,542,065	186,862	21,517,808	32
379	152,000	7	1,664	17	1,979	25,604	1,828	6,023	17,653	100	839,773	821,515	18,258	1,266,016	33
1,555	662,747	295	76,448	9	1,554	206,031	32,940	14,854	146,606	11,631	2,127,258	2,079,878	47,380	3,851,925	34
1,071	397,398	577	116,987	14	1,997	249,908	7,175	10,015	93,887	138,831	2,595,671	2,558,893	36,778	4,219,547	35
644	257,547	15	3,135	9	1,471	41,309	1,330	12,095	27,201	683	504,638	494,143	10,495	997,715	36
282	138,426	7	1,397	2	390	31,924	1,966	5,034	11,652	13,272	252,580	244,457	8,123	512,271	37
473	163,294	19	3,559	------	------	26,976	3,983	6,257	16,586	150	402,264	397,460	4,804	760,617	38
3,017	1,359,826	1,293	346,082	26	3,833	518,490	53,438	24,296	376,034	64,722	4,592,550	4,462,716	129,834	8,149,969	39
3,168	1,385,496	1,282	289,372	43	6,817	644,753	52,674	30,489	474,156	87,434	4,513,324	4,389,765	123,559	8,493,433	40
349	134,521	13	3,394	1	104	19,792	120	3,830	15,842	------	257,685	257,171	514	533,021	41
13,240	5,748,992	1,641	371,008	134	21,139	2,036,302	163,997	118,774	1,612,776	140,755	13,360,865	13,077,262	283,603	26,540,215	42
39	18,147	2	455	------	------	1,734	335	211	1,188	------	50,821	50,429	392	89,272	43
237	93,878	79	17,747	6	1,050	32,335	6,368	5,348	20,619	------	432,373	416,929	15,444	762,937	44
456	163,185	1	120	------	------	38,672	261	7,942	30,469	------	497,610	497,431	179	1,026,204	45
1,869	841,986	306	66,921	19	2,831	251,256	24,751	15,553	191,388	19,564	2,832,186	2,276,598	55,588	4,715,277	46
142	62,681	94	27,956	4	500	17,781	3,969	3,471	10,036	305	856,007	843,376	12,631	1,109,941	47
204	97,911	------	------	------	------	78,015	------	3,006	75,009	------	148,016	147,991	25	441,750	48
279	132,930	1	300	1	120	15,163	638	6,554	7,971	------	502,221	501,871	350	796,396	49
579	234,522	30	6,478	4	577	66,167	10,323	5,067	50,581	196	597,902	578,044	19,858	1,187,755	50
2,937	1,297,724	76	16,763	74	15,567	401,158	10,840	146,008	236,863	7,447	3,061,387	3,010,859	50,528	5,958,136	51
930	501,182	75	23,520	6	702	214,950	22,264	10,564	162,676	19,446	1,480,476	1,404,508	75,968	2,729,783	52
888	433,132	84	18,424	18	1,805	93,540	4,720	23,937	55,232	9,651	1,404,661	1,358,057	46,604	2,672,163	53
559	226,987	25	5,149	2	224	39,425	3,822	7,223	28,012	368	584,465	580,620	3,845	1,069,225	54
2,898	1,284,175	69	16,864	18	2,946	371,873	12,768	85,603	272,832	670	3,795,892	3,781,308	14,584	6,635,883	55
247	113,922	2	510	1	100	22,458	2,131	3,092	13,585	3,650	240,484	216,795	23,689	568,045	56
288	99,406	3	486	------	------	8,851	269	3,020	5,562	------	213,629	212,656	973	433,177	57
571	211,245	31	4,367	7	1,090	57,038	11,224	6,111	39,403	300	774,104	751,620	22,484	1,304,911	58
755	319,952	50	9,367	14	2,091	117,374	5,601	8,343	79,671	23,759	1,050,484	1,039,670	10,814	1,827,077	59
231	84,861	2	612	4	1,152	28,108	1,452	6,860	19,796	------	587,196	586,920	276	833,073	60
4,106	1,576,456	561	113,561	160	22,542	516,518	17,449	52,830	427,623	18,616	4,032,528	3,778,608	253,920	7,438,285	61
98	41,530	9	2,025	2	216	11,748	2,581	2,658	6,509	------	310,769	308,117	2,652	444,180	62
1,602	657,771	411	84,221	8	1,239	173,894	15,662	15,296	137,487	5,449	3,115,461	3,060,124	55,337	4,889,777	63
415	145,164	23	5,702	20	2,601	31,139	3,566	5,351	22,062	160	515,552	511,738	3,814	920,973	64
150	65,778	7	1,275	2	256	14,048	669	2,488	10,891	------	195,545	195,066	479	382,892	65
184	83,355	------	------	1	150	26,668	270	5,676	20,722	------	334,755	334,632	123	530,755	66
615	250,821	24	5,572	8	1,746	49,056	4,614	6,360	27,982	10,100	719,905	713,282	6,623	1,323,424	67
101	30,104	------	------	------	------	630	------	480	150	------	94,734	94,734	------	131,021	68
279	114,330	16	4,572	------	------	27,319	1,029	7,437	18,853	------	325,893	324,781	1,112	588,122	69
2,188	781,611	123	30,596	104	16,179	205,409	8,411	20,217	175,511	1,270	3,231,131	3,183,548	47,583	5,051,165	70
475	218,312	2	502	1	100	23,951	535	7,995	15,351	70	294,945	292,939	2,006	705,808	71
104	45,045	------	------	10	2,379	5,390	------	991	4,399	------	171,028	170,968	60	272,206	72
5,185	2,145,934	552	108,687	89	22,479	692,325	56,452	52,582	562,754	20,537	7,655,313	7,526,729	128,584	12,908,064	73
2,917	1,366,224	297	72,098	23	2,788	307,141	34,652	22,351	239,033	11,105	3,125,801	2,976,438	149,363	6,027,378	74
1,026	405,648	151	85,118	5	768	113,238	14,341	10,032	73,484	15,381	1,652,994	1,618,395	34,599	2,706,893	75

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
76	Sanilac	169	$390,151	$23,065	$76,049	$150,670	$140,367	194	13	$5,283	214	$73,929
77	Schoolcraft	30	3,921,101	1,203,198	192,062	492,383	2,033,458	31	79	62,512	747	377,571
78	Shiawassee	260	2,050,323	115,001	346,088	384,174	1,205,060	296	108	100,824	1,555	605,189
79	Tuscola	182	1,063,216	83,339	263,329	448,412	268,136	207	45	20,478	434	181,525
80	Van Buren	200	625,523	66,720	108,483	185,897	264,423	225	38	20,883	511	150,626
81	Washtenaw	535	3,006,003	281,973	527,344	966,023	1,230,663	607	192	133,615	2,249	838,797
82	Wayne	3,126	83,749,879	7,566,942	10,602,011	25,424,737	40,156,189	3,424	5,804	5,461,054	52,231	21,249,088
83	Wexford	126	3,931,865	1,310,062	174,391	704,327	1,743,085	158	51	40,093	1,403	613,954

TABLE 7.—MANUFACTURES BY

1	All industries	16,807	$284,097,133	$42,830,900	$35,243,987	$68,117,259	$137,904,987	18,680	13,858	$12,562,855	162,355	$66,467,867
2	Agricultural implements	59	8,932,344	271,764	627,208	604,075	7,429,297	60	620	548,763	1,944	952,636
3	Artificial limbs	3	8,325			3,650	4,675	4			10	6,450
4	Awnings, tents, and sails	25	119,615	8,730	10,900	12,104	87,881	27	16	7,837	115	45,534
5	Baking and yeast powders	10	41,320	6,100	10,060	10,000	15,160	10	22	8,944	33	12,300
6	Baskets, and rattan and willow ware	27	361,759	42,215	74,328	84,254	160,962	25	26	18,930	450	129,335
7	Belting and hose, leather	4	260,601	32,000	44,000	16,627	167,974	5	9	13,080	66	31,271
8	Bicycle and tricycle repairing	310	337,117	23,215	33,500	137,193	143,209	348	15	9,610	286	115,017
9	Bicycles and tricycles	11	757,021	6,900	44,893	117,513	587,715	4	53	39,643	311	141,639
10	Blacksmithing and wheelwrighting	1,830	1,676,763	326,285	492,368	326,806	531,304	2,023	2	1,000	1,391	760,581
11	Bookbinding and blank book making	31	267,191	5,300	11,425	61,419	189,047	37	17	9,588	195	62,813
12	Boots and shoes, custom work and repairing.	596	288,531	64,567	81,030	71,128	71,806	725	1	364	205	83,097
13	Boots and shoes, factory product	13	1,135,961	82,148	200,150	150,800	702,863	19	77	69,688	1,117	386,074
14	Bottling	53	123,397	21,742	37,360	19,517	44,778	57	4	1,872	81	35,492
15	Boxes, cigar	10	117,467	8,050	22,541	23,096	63,780	14	5	4,872	212	50,924
16	Boxes, fancy and paper	12	266,001	32,800	48,245	48,920	136,036	7	24	21,940	568	106,820
17	Boxes, wooden packing	46	1,441,522	158,587	148,976	303,187	830,772	40	66	57,936	1,268	388,683
18	Brass castings and brass finishing	23	1,113,110	25,996	122,351	278,794	685,969	23	68	91,017	852	358,959
19	Brassware	6	322,429	14,968	41,340	84,511	181,610	5	27	26,424	323	112,518
20	Bread and other bakery products	455	1,920,818	225,582	396,610	852,069	446,557	493	200	138,201	1,329	584,995
21	Brick and tile	177	1,497,347	477,012	258,957	322,078	439,300	220	52	29,943	1,443	479,786
22	Bridges	8	56,600	400	1,300	42,800	12,100	11	2	1,100	104	48,703
23	Brooms and brushes	49	297,261	23,432	29,785	43,416	200,628	56	27	23,039	467	126,013
24	Carpentering	524	1,105,196	124,750	156,345	192,247	631,854	606	52	30,470	3,117	1,635,252
25	Carpets, rag	62	57,256	14,420	18,690	14,154	9,992	69	5	2,060	81	22,938
26	Carriage and wagon materials	24	1,040,329	21,800	113,952	205,732	698,845	22	49	46,788	1,252	498,925
27	Carriages and sleds, children's	5	94,520	8,057	22,173	21,280	43,010	5	8	6,500	89	39,785
28	Carriages and wagons	299	7,935,269	640,144	944,508	509,651	5,840,966	326	401	352,498	4,890	2,028,530
29	Cars and general shop construction and repairs by steam railroad companies.	42	2,527,256	348,620	877,176	676,944	624,516		182	147,119	3,938	2,026,000
30	Cars and general shop construction and repairs by street railroad companies.	6	166,574	39,000	38,000	38,574	51,000		8	10,160	227	114,129
31	Cars, steam railroad, not including operations of railroad companies.	4	6,693,209	736,000	824,875	780,330	4,352,004		107	145,795	3,187	1,409,580
32	Charcoal	14	354,658	157,967	57,540	12,513	126,638	14	5	5,120	400	133,461
33	Cheese and butter, urban dairy products.	4	15,900	5,000	6,250	2,150	2,500	5			1	300
34	Cheese, butter, and condensed milk, factory product.	286	1,250,897	52,656	340,299	446,224	411,718	203	92	25,360	503	222,245
35	Chemicals	51	7,503,853	1,047,560	1,531,264	3,258,405	1,666,624	46	143	215,999	2,897	1,162,634
36	China decorating	5	1,852	150	150	327	1,225	5				
37	Cleansing and polishing preparations	3	2,585			260	2,325	6	1	300	5	2,900
38	Clothing, men's, custom work and repairing.	703	1,144,571	91,493	126,426	90,918	835,734	805	94	58,012	2,378	1,017,150
39	Clothing, men's, factory product	40	1,461,590	20,450	46,880	130,248	1,264,012	49	133	125,731	2,008	501,646
40	Clothing, women's, dressmaking	367	257,287	23,555	58,659	39,900	135,173	415	31	28,255	1,488	350,778
41	Clothing, women's, factory product	31	599,194	8,750	22,600	100,945	466,899	43	120	122,499	1,540	391,623
42	Coffee and spice, roasting and grinding	4	60,113		2,000	11,059	47,054	4	8	6,194	34	12,170
43	Coffins, burial cases, and undertakers' goods.	18	673,166	62,265	86,781	88,833	435,287	18	57	54,620	380	165,971
44	Confectionery	113	776,551	38,660	72,925	166,044	498,922	134	137	79,626	748	215,780
45	Cooperage	109	1,168,741	196,202	169,674	241,009	561,856	118	38	36,300	1,446	538,144
46	Copper, smelting and refining	3	1,523,407	35,000	1,096,107	196,307	195,993	1	17	25,500	462	364,647
47	Corsets	14	1,260,843	22,000	51,315	125,741	1,061,787	10	148	151,386	1,489	375,618
48	Cutlery and edge tools	8	94,400	9,250	23,150	26,350	35,650	8	9	8,940	103	38,710
49	Druggists' preparations, not including prescriptions.	10	2,951,503	123,526	374,210	481,058	1,972,709	6	568	544,755	1,588	546,258
50	Dyeing and cleaning	50	82,205	10,300	12,700	24,320	34,885	59	5	2,958	90	32,073
51	Electrical apparatus and supplies	12	547,319	12,800	43,472	104,907	386,140	9	29	28,962	184	86,188
52	Electrical construction and repairs	27	156,271		500	28,450	127,321	27	43	32,418	324	135,452
53	Electroplating	13	28,505	2,500	4,100	15,400	6,505	18	18	11,026	65	25,985
54	Emery wheels	4	90,074	11,450	11,000	18,922	48,702	1	15	9,991	57	34,405
55	Engraving and diesinking	5	1,350			785	565	5			4	1,051
56	Engraving, wood	4	3,200			1,500	1,700	7	1	1,200	2	1,162

BY COUNTIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
176	$66,490	21	$5,304	17	$2,135	$15,382	$2,836	$2,893	$9,653	----------	$553,705	$537,610	$16,095	$827,163	76
738	375,480	6	1,646	3	445	154,079	1,765	36,735	114,329	$1,250	997,147	988,879	8,268	1,902,736	77
1,345	563,890	164	34,516	46	6,783	135,365	13,722	10,845	109,637	1,161	1,701,391	1,674,178	27,213	2,877,799	78
384	171,346	49	10,030	1	149	24,402	3,493	4,072	16,669	168	788,972	763,617	25,355	1,260,414	79
354	124,267	123	22,174	34	4,185	29,126	6,142	3,860	18,554	570	735,205	719,881	15,324	1,131,984	80
1,637	711,202	601	126,207	11	1,388	337,678	41,699	18,343	167,410	110,226	2,650,999	2,605,249	45,750	4,778,190	81
40,155	18,650,132	10,742	2,419,712	1,334	179,244	11,672,607	842,162	471,009	9,516,459	842,977	58,131,550	56,162,546	1,969,004	111,868,788	82
1,343	600,854	48	11,123	12	1,977	129,204	4,957	40,251	83,996	----------	2,015,879	2,008,807	7,072	3,321,775	83

SPECIFIED INDUSTRIES: 1900.

136,627	$60,835,081	23,092	$5,239,149	2,636	$393,637	$25,495,423	$1,802,993	$1,835,198	$20,058,714	$1,798,518	$199,559,905	$194,282,961	$5,276,944	$356,944,082	1
1,939	951,213	4	1,273	1	150	1,329,530	2,503	32,129	1,258,627	36,271	2,482,235	2,429,712	52,523	6,339,508	2
10	6,450	----------	----------	----------	----------	2,249	1,360	39	850	----------	2,110	1,620	490	19,031	3
71	33,250	43	12,128	1	156	13,775	4,591	697	8,287	200	118,907	117,677	1,230	216,997	4
20	9,015	13	3,285	----------	----------	8,909	1,864	98	6,947	----------	32,974	32,337	637	83,892	5
354	111,487	64	13,585	32	4,263	16,236	513	3,140	12,583	----------	137,270	136,059	1,211	357,204	6
61	29,950	5	1,321	----------	----------	16,973	2,840	1,928	12,205	----------	297,784	294,812	2,972	394,272	7
276	113,514	----------	----------	10	1,503	44,536	29,328	1,911	11,432	1,865	237,061	228,576	8,485	601,832	8
294	138,457	17	3,182	----------	----------	59,485	2,693	1,353	49,501	5,938	345,725	338,590	7,135	627,658	9
1,384	759,136	----------	----------	7	1,445	98,073	60,761	13,086	23,050	1,176	876,974	803,177	73,797	3,022,876	10
101	41,547	89	20,611	5	655	24,506	5,265	678	9,062	9,501	86,168	84,793	1,375	235,056	11
201	82,522	2	250	2	325	40,562	33,251	2,047	4,970	294	221,906	213,971	7,935	639,992	12
691	272,308	417	112,634	9	1,132	200,504	3,455	4,385	192,404	260	1,163,863	1,155,811	8,052	1,915,179	13
80	35,252	----------	----------	1	240	15,067	4,113	1,693	9,261	----------	226,561	225,463	1,098	329,345	14
69	23,506	121	23,227	22	4,191	26,206	1,461	817	23,928	----------	82,888	81,124	1,764	187,873	15
95	31,269	373	62,719	100	12,832	16,129	5,985	1,813	8,331	----------	142,246	137,941	4,305	357,964	16
1,124	359,523	49	11,768	95	17,392	87,842	3,854	7,957	75,971	60	1,464,176	1,458,462	5,714	2,287,495	17
846	358,159	----------	----------	6	800	106,845	8,205	6,413	91,167	1,060	968,244	952,995	15,249	1,730,273	18
273	102,892	48	9,063	2	563	35,946	179	1,310	33,857	600	151,026	145,289	5,737	418,103	19
1,075	532,563	212	45,251	42	7,181	228,135	73,572	12,900	141,463	200	2,253,154	2,180,593	72,561	4,098,128	20
1,396	472,170	19	3,277	28	4,339	55,197	12,088	6,672	36,062	375	238,556	42,586	195,970	1,135,569	21
104	48,703	----------	----------	----------	----------	2,359	324	236	1,799	----------	76,855	72,898	3,957	148,498	22
254	98,708	199	25,895	14	1,410	30,166	4,886	2,443	22,837	----------	264,872	261,565	3,307	540,585	23
3,113	1,634,580	2	317	2	355	549,522	12,740	5,821	46,147	484,814	2,940,232	2,931,504	8,728	6,071,740	24
49	16,540	31	6,270	1	128	4,554	2,953	240	1,361	----------	16,447	14,599	1,848	87,796	25
1,240	495,918	2	675	10	2,332	77,369	7,420	4,303	65,546	100	960,664	941,970	18,694	1,767,298	26
86	38,885	3	900	----------	----------	6,392	410	699	5,283	----------	46,416	45,664	752	111,749	27
4,755	1,986,932	130	40,703	5	895	495,520	24,902	37,714	386,694	46,210	6,616,081	6,528,080	88,001	11,205,602	28
3,934	2,024,760	4	1,240	----------	----------	39,642	300	1,827	33,572	3,943	2,120,166	2,046,845	73,321	4,332,927	29
227	114,129	----------	----------	----------	----------	17,021	----------	2,773	856	13,392	157,621	154,121	3,500	298,931	30
3,187	1,409,580	----------	----------	----------	----------	227,774	----------	34,023	191,751	2,000	7,272,761	7,178,371	94,390	9,920,780	31
400	133,461	----------	----------	----------	----------	1,910	200	895	595	220	168,237	168,237	----------	370,356	32
1	300	----------	----------	----------	----------	213	110	92	11	----------	12,225	12,011	214	17,964	33
392	186,596	109	35,328	2	321	37,001	3,424	6,367	27,085	125	3,274,264	3,225,543	48,721	3,918,995	34
2,851	1,155,673	46	6,961	----------	----------	503,732	3,085	25,674	471,183	3,790	2,707,464	1,868,758	838,706	5,364,724	35
----------	----------	----------	----------	----------	----------	418	364	12	42	----------	1,621	1,449	172	5,175	36
5	2,900	----------	----------	----------	----------	1,091	516	----------	575	----------	5,845	5,800	45	17,500	37
1,456	774,321	900	239,747	22	3,082	236,098	128,527	7,810	72,949	26,812	1,379,189	1,360,970	18,219	3,622,840	38
324	174,879	1,664	324,185	20	2,582	234,687	25,095	7,265	119,696	82,631	1,738,145	1,727,445	10,700	2,990,103	39
32	30,151	1,445	319,495	11	1,132	61,111	40,876	1,870	17,333	1,032	428,799	421,439	7,360	1,141,849	40
153	68,463	1,383	322,272	4	888	155,264	11,710	3,072	124,471	16,011	1,219,429	1,210,437	8,992	2,194,078	41
21	9,846	12	2,168	1	156	7,380	2,200	665	4,515	----------	164,685	162,165	2,520	222,198	42
820	154,945	46	9,151	14	1,875	58,299	3,962	6,269	24,268	23,800	363,153	357,828	5,325	790,743	43
365	142,756	381	72,674	2	350	129,039	49,281	4,885	74,873	----------	998,490	981,165	17,325	1,723,815	44
1,394	525,530	13	7,720	39	4,894	62,395	1,519	7,337	53,539	----------	899,576	894,400	5,176	1,779,231	45
462	364,647	----------	----------	----------	----------	33,685	----------	6,705	26,980	----------	16,754,220	16,626,740	127,480	17,340,041	46
149	66,609	1,335	308,309	5	700	184,260	11,228	3,893	169,139	----------	705,982	698,837	7,145	1,702,633	47
93	37,078	9	1,332	1	300	7,930	515	820	6,595	----------	36,471	33,181	3,290	120,030	48
601	275,260	972	270,123	15	875	1,038,536	13,932	31,053	993,551	----------	1,998,238	1,983,417	14,821	4,921,913	49
47	21,826	43	10,247	----------	----------	13,820	10,274	609	2,862	75	14,227	11,312	2,915	120,372	50
170	81,269	11	4,513	3	406	38,314	3,024	1,451	30,239	3,600	182,452	178,881	3,571	438,144	51
323	135,156	1	296	----------	----------	90,882	7,908	684	24,656	57,634	318,613	317,573	1,040	673,385	52
63	25,123	2	862	----------	----------	3,153	2,108	173	872	----------	8,684	6,525	2,159	70,227	53
57	34,405	----------	----------	----------	----------	1,554	140	294	1,120	----------	74,335	71,439	2,896	142,047	54
2	803	----------	----------	2	248	566	536	----------	30	----------	75	75	----------	6,050	55
2	1,162	----------	----------	----------	----------	557	474	----------	83	----------	437	423	14	9,200	56

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
57	Explosives	5	$351,930	$9,680	$47,200	$50,598	$244,452	1	24	$42,580	113	$66,282
58	Fancy articles, not elsewhere specified	6	9,916	25	275	3,525	6,091	3	3	700	104	13,335
59	Fish, canning and preserving	4	6,800	700	1,850	250	4,000	6			19	7,961
60	Flavoring extracts	6	71,175			7,075	64,100	8	14	8,868	36	13,440
61	Flax, dressed	4	71,496	2,350	17,150	9,700	42,296	8	12	6,589	211	46,000
62	Flouring and grist mill products	765	7,933,587	1,195,394	1,530,139	2,832,239	2,375,815	979	205	153,461	1,423	718,499
63	Food preparations	25	796,742	44,210	116,130	149,469	486,933	22	99	54,645	373	143,257
64	Foundry and machine shop products	864	19,595,771	1,581,331	2,723,355	4,393,442	10,897,643	351	1,248	1,215,199	13,502	6,527,496
65	Fruits and vegetables, canning and preserving.	98	898,668	91,603	204,315	146,649	456,101	122	70	45,279	1,165	240,102
66	Fur goods	28	628,660	21,960	27,100	29,245	550,355	38	98	69,063	588	225,759
67	Furnishing goods, men's	4	81,942			28,243	53,699	4	16	12,024	133	23,837
68	Furniture, cabinetmaking, repairing, and upholstering.	172	210,835	19,160	31,810	36,600	123,265	206	18	6,070	219	97,934
69	Furniture, factory product	124	13,900,789	809,820	2,520,618	1,522,303	9,048,048	85	754	824,329	11,870	4,570,713
70	Furs, dressed	9	110,715	2,300	6,500	11,925	89,990	12	12	13,700	115	50,299
71	Gas, illuminating and heating	38	16,295,053	440,963	800,244	14,363,428	690,418		227	142,307	658	293,976
72	Gas machines and meters	5	35,650	500	200	6,550	28,400	7	3	4,500	52	16,802
73	Glass, cutting, staining, and ornamenting.	6	22,968	500	1,500	6,957	14,011	8	1	550	48	19,726
74	Gloves and mittens	5	29,241			2,180	27,061	5	3	700	38	12,206
75	Grease and tallow	6	74,446	29,800	15,980	16,471	12,195	7	3	2,300	20	8,870
76	Hairwork	11	15,760	800	1,000	460	13,500	11			23	5,212
77	Hand stamps	8	15,592			8,710	6,882	9	4	2,184	15	5,175
78	Hardware	11	559,153	41,408	81,869	127,939	307,937	4	30	32,333	417	125,627
79	Hats and caps, not including fur hats and wool hats.	9	161,956	3,000	20,000	25,228	113,728	14	22	23,710	220	80,190
80	Hosiery and knit goods	32	2,135,916	90,922	194,090	495,552	1,355,352	4	201	187,574	2,509	580,129
81	House furnishing goods, not elsewhere specified.	8	845,175	56,639	53,825	136,147	598,564	4	63	74,562	586	190,906
82	Instruments, professional and scientific	6	9,300	1,000	1,000	2,800	4,500	5	3	1,725	14	5,976
83	Iron and steel	10	3,859,050	256,687	569,186	655,820	2,377,357		72	95,076	1,972	941,091
84	Ironwork, architectural and ornamental.	9	702,081	20,000	50,000	269,406	362,675	9	38	46,710	519	257,763
85	Jewelry	5	24,060			11,520	12,540	7			23	17,450
86	Leather goods	5	96,014	3,500	4,000	30,780	57,734	2	16	7,438	112	29,462
87	Leather, tanned, curried, and finished	27	5,214,042	204,447	638,179	471,193	3,900,223	19	72	95,507	1,427	559,142
88	Lime and cement	20	3,157,906	1,031,817	557,574	1,218,993	349,522	15	90	94,086	542	231,098
89	Liquors, malt	77	6,235,484	674,609	1,806,812	1,820,343	1,933,720	49	242	297,150	980	599,319
90	Liquors, vinous	5	53,700	500	2,200	9,000	42,000	5	5	2,085	5	1,975
91	Lithographing and engraving	3	337,296			199,052	138,244		40	49,230	343	149,110
92	Lock and gun smithing	42	46,522	9,170	8,660	16,675	12,017	44			31	15,119
93	Looking-glass and picture frames	67	330,535	19,067	52,366	34,076	225,026	78	35	40,404	287	112,525
94	Lumber and timber products	1,705	67,379,698	24,979,990	2,867,280	9,813,801	29,718,627	2,161	1,207	1,206,765	26,199	11,122,030
95	Lumber, planing mill products, including sash, doors, and blinds.	235	8,571,453	622,037	829,850	1,171,169	5,948,397	288	371	343,115	5,281	2,012,754
96	Malt	4	1,236,655	215,500	333,180	87,500	600,475	2	8	10,669	53	31,870
97	Marble and stone work	39	322,086	68,375	23,605	49,223	180,883	51	9	3,932	277	182,868
98	Masonry, brick and stone	163	433,197	51,375	29,225	61,401	291,196	207	34	28,133	1,788	915,697
99	Matches	3	899,952	89,500	207,000	356,000	247,452		15	26,812	639	155,836
100	Mattresses and spring beds	20	209,874	12,680	35,600	37,468	124,126	22	33	26,734	236	91,135
101	Millinery, custom work	705	867,041	75,335	140,542	41,745	609,419	783	87	29,005	1,306	313,794
102	Mineral and soda waters	75	336,002	52,400	50,500	129,039	104,063	93	25	13,238	164	67,227
103	Mirrors	5	170,781	8,400	19,833	30,896	111,652	1	27	25,040	127	53,111
104	Models and patterns	9	89,010			15,550	73,460	12	18	18,979	135	68,840
105	Monuments and tombstones	97	400,959	54,387	42,330	41,452	262,790	121	32	19,892	263	154,689
106	Mucilage and paste	4	7,450	100	700	2,050	4,600	7	1	624	11	2,700
107	Musical instruments and materials, not specified.	5	52,918	700	600	12,183	39,435	6	1	920	33	15,371
108	Musical instruments, organs and materials.	4	538,354	4,300	21,752	34,830	477,472	2	34	40,509	242	93,330
109	Musical instruments, pianos and materials.	7	673,818	18,250	64,933	50,069	540,566	2	29	28,502	518	284,780
110	Oil, essential	22	227,496	88,246	57,390	25,010	56,850	28	13	9,290	97	28,667
111	Optical goods	8	205,948	60,000	15,000	15,896	115,052	6	32	25,020	175	49,030
112	Painting, house, sign, etc	404	479,912	44,705	62,945	64,449	307,813	501	66	30,515	1,408	706,875
113	Paints	13	1,559,545	111,299	230,969	159,674	1,057,603	4	183	135,265	384	129,690
114	Paper and wood pulp	27	4,505,741	350,219	973,918	1,660,725	1,520,879	9	107	142,812	2,014	700,826
115	Paper goods, not elsewhere specified	3	161,215	15,231	16,532	53,759	75,693	1	18	16,140	136	36,331
116	Paper hanging	31	39,995	1,150	8,850	5,421	24,574	38	5	858	133	61,553
117	Patent medicines and compounds	82	1,500,562	46,641	159,408	175,301	1,119,212	87	282	242,963	540	194,292
118	Paving and paving materials	113	854,537	258,090	118,566	144,867	333,014	137	53	48,558	1,660	727,262
119	Perfumery and cosmetics	12	253,599	10,000	25,000	23,535	195,064	8	101	67,355	188	44,227
120	Photography	337	619,709	40,060	85,130	199,610	294,909	371	50	31,995	369	149,652
121	Photolithographing and photoengraving.	8	52,920			19,640	33,280	8	13	9,660	82	39,110
122	Pickles, preserves, and sauces	16	192,962	13,425	39,525	36,161	103,851	12	40	48,077	216	61,892
123	Plastering and stuccowork	39	50,536	4,125	7,200	12,190	27,021	44	11	7,715	201	111,566
124	Plumbers' supplies	13	434,290	13,575	42,971	110,993	266,751	5	55	50,231	557	222,718
125	Plumbing, and gas and steam fitting	295	868,610	62,475	88,400	130,508	587,227	378	89	38,884	1,260	640,195
126	Pottery, terra cotta, and fire-clay products.	9	280,185	44,300	83,399	63,336	89,150	5	16	13,150	149	51,144

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
108	$64,749	5	$1,533			$19,833	$200	$1,183	$14,250	$4,200	$501,584	$494,853	$6,731	$691,766	57
7	1,400	97	11,935			2,929	875	18	536	1,500	4,906	4,606	300	29,495	58
18	7,886			1	$75	1,318	100	51	1,077	90	52,949	52,272	677	65,077	59
21	9,720	15	3,720			16,435	2,275	205	13,955		76,296	75,891	405	129,865	60
177	41,560	9	2,100	25	2,340	2,481	324	361	1,796		91,032	91,032		158,650	61
1,417	717,354	1	255	5	890	396,484	33,678	67,392	286,380	9,034	19,924,980	19,724,911	200,069	23,593,991	62
255	116,268	117	26,839	1	150	354,152	969	3,225	349,958		677,875	640,529	37,346	1,891,516	63
13,274	6,485,120	93	18,700	135	23,676	1,540,950	67,331	92,695	1,316,611	64,313	8,222,862	7,894,642	328,220	20,615,864	64
378	121,412	565	95,054	222	23,636	123,514	7,381	3,731	112,368	34	1,154,698	1,132,056	22,642	1,760,875	65
204	117,221	377	107,338	7	1,200	69,944	20,206	3,347	45,391	1,000	1,176,392	1,172,835	3,557	1,806,004	66
18	5,804	115	18,033			4,324	3,203	200	921		55,638	54,735	903	170,700	67
192	92,175	20	4,807	7	952	27,019	16,454	1,420	7,475	1,670	182,025	178,351	3,674	438,445	68
11,519	4,511,568	88	21,108	263	38,037	875,069	34,375	82,032	754,162	4,500	6,727,378	6,600,480	126,898	14,614,506	69
56	26,816	58	23,058	1	425	5,063	856	467	3,740		192,840	191,202	1,638	293,896	70
657	293,672	1	304			380,397	1,300	65,345	313,752		298,321	269,774	28,547	1,472,737	71
48	16,182	4	620			3,598	1,235	126	2,161	76	28,942	28,218	724	63,400	72
45	18,736	3	990			4,766	2,345	277	2,144		20,602	20,126	476	65,064	73
9	4,148	27	7,746	2	312	1,762	1,160	72	530		27,980	27,567	413	54,850	74
20	8,870					8,508	1,920	491	6,097		57,982	56,123	1,859	86,827	75
		23	5,212			6,570	4,020	59	2,491		12,248	11,932	316	32,945	76
9	4,383	1	168	5	624	2,980	1,940	73	917	50	7,110	6,988	122	23,815	77
352	115,887	50	7,886	15	1,854	37,742	1,518	2,651	32,823	750	291,767	285,847	5,920	554,359	78
102	56,550	117	23,462	1	178	11,317	3,898	526	6,893		187,170	184,860	2,310	366,712	79
498	172,085	1,873	391,345	138	16,699	265,124	10,227	9,912	209,852	35,133	1,459,378	1,429,230	30,148	2,791,257	80
548	182,905	33	8,001			95,597	838	5,083	89,176	500	422,224	418,196	4,028	970,003	81
13	5,816	1	160			1,242	712	30	500		3,245	2,935	310	19,934	82
1,972	941,091					277,827	4,000	31,342	236,101	6,384	3,770,213	2,874,579	895,634	5,902,058	83
513	256,283	1	480	5	1,000	30,732	4,112	3,911	12,709	10,000	569,889	562,139	7,750	1,017,077	84
23	17,450					3,265	2,463	75	727		15,439	15,131	308	46,200	85
66	22,394	40	5,816	6	1,252	5,986	755	177	5,054		72,827	72,340	487	147,697	86
1,425	558,498			2	644	248,297	800	30,881	216,616		4,697,367	4,671,213	26,154	6,015,590	87
537	230,845	4	193	1	60	87,841	932	8,433	77,226	1,250	357,782	240,628	117,154	1,070,145	88
955	591,186	25	8,133			2,402,652	51,767	61,076	2,289,809		1,187,770	1,075,084	112,686	5,296,825	89
5	1,975					1,400	360	330	710		6,878	6,826	52	15,109	90
258	132,583	85	16,527			65,886	7,919	2,728	41,667	13,572	153,053	150,879	2,174	469,775	91
28	14,141	2	614	1	364	5,258	4,173	350	735		13,406	12,445	961	59,229	92
234	100,776	48	11,125	5	624	24,674	12,708	2,764	9,202		215,605	213,377	2,228	487,838	93
25,685	11,013,076	252	54,384	262	54,570	2,328,961	41,114	645,059	1,629,188	13,600	29,439,931	29,431,569	8,362	54,290,520	94
5,121	1,978,713	33	7,280	127	26,761	509,357	29,562	51,432	405,593	22,770	8,341,834	8,290,218	51,616	12,469,532	95
53	31,870					25,486		4,747	20,739		605,451	587,452	17,999	741,436	96
277	182,868					48,365	3,166	2,440	13,659	29,100	279,215	273,664	5,551	610,095	97
1,786	915,497			2	200	296,510	2,956	3,414	18,628	271,512	1,343,233	1,340,335	2,898	3,053,541	98
296	90,453	218	46,633	125	18,750	133,497		3,686	129,811		1,042,554	1,039,854	2,700	1,745,030	99
169	74,523	64	16,183	3	429	32,324	3,414	1,486	27,424		332,025	328,046	3,979	540,966	100
4	2,265	1,290	310,136	12	1,393	175,045	120,874	8,321	45,742	108	1,269,208	1,256,569	12,639	2,343,306	101
149	63,722	4	1,310	11	2,195	25,583	7,412	2,425	15,746		132,076	128,248	3,828	392,735	102
116	51,522	2	475	9	1,114	5,522	2,400	838	2,284		133,985	132,124	1,861	232,712	103
130	67,280	5	1,560			5,055	3,944	307	804		43,885	42,034	1,851	174,700	104
263	154,689					33,951	5,439	2,519	15,708	10,285	376,854	372,957	3,897	780,396	105
8	2,200	3	500			810	372	172	266		10,781	10,691	90	19,111	106
31	14,747	2	624			6,107	1,205	70	3,209	1,623	6,385	5,900	485	37,710	107
238	91,950	2	600	2	780	76,987	4,726	2,099	70,162		188,745	185,647	3,098	403,053	108
480	272,984	38	11,796			47,186	5,929	2,981	38,276		285,301	277,305	7,996	776,789	109
93	28,032	3	560	1	75	7,368	10	1,376	5,982		124,803	122,807	1,996	208,568	110
85	31,957	55	11,248	35	5,825	14,196	2,330	1,755	10,036	75	112,190	111,067	1,123	228,147	111
1,402	705,925	2	365	4	585	65,266	35,537	3,213	25,599	917	566,185	562,533	3,652	1,802,260	112
293	111,194	80	16,837	11	1,659	220,482	5,504	7,325	207,653		1,153,783	1,142,053	11,730	1,826,742	113
1,534	608,722	479	91,823	1	281	264,373	3,420	24,957	209,030	26,966	2,707,827	2,441,512	266,315	4,217,869	114
27	11,759	109	24,572			62,162	600	1,341	60,221		59,531	57,752	1,779	202,008	115
132	61,167	1	386			5,744	3,068	237	2,439		54,976	54,737	239	157,561	116
228	113,589	302	79,518	10	1,185	393,733	11,330	6,322	358,566	17,515	662,391	652,475	9,916	1,913,934	117
1,653	726,244			7	1,018	48,797	6,091	3,615	25,183	13,908	874,862	862,380	12,482	2,012,445	118
36	13,709	151	30,418	1	100	72,761	6,525	2,762	63,474		238,654	237,356	1,298	542,495	119
219	110,723	146	38,322	4	607	94,471	52,779	3,445	37,191	1,056	274,497	264,929	9,568	889,073	120
80	38,198	2	912			12,121	2,871	182	9,068		12,942	10,622	2,320	97,735	121
92	39,579	120	21,732	4	581	27,538	5,467	1,576	20,495		614,421	607,252	7,169	831,988	122
194	110,190	7	1,376			15,704	2,497	412	5,181	7,614	90,666	89,617	1,049	270,870	123
508	211,468	51	11,250			100,269	4,825	3,643	91,801		538,971	523,892	15,079	1,017,911	124
1,248	638,369	6	1,012	6	814	87,582	46,784	6,282	34,166	350	1,430,100	1,417,326	12,774	2,746,904	125
146	50,884			3	260	10,647	1,715	2,688	6,244		36,771	8,240	28,531	145,021	126

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
127	Printing and publishing, book and job	201	$2,648,103	$23,475	$71,396	$1,522,565	$1,030,667	233	506	$221,077	1,571	$676,138
128	Printing and publishing, newspapers and periodicals.	591	4,114,760	176,957	352,416	2,083,949	1,501,438	644	836	685,533	2,916	1,302,493
129	Pumps, not including steam pumps	11	17,880	2,300	3,405	5,300	6,875	14			17	6,644
130	Refrigerators	9	1,608,190	94,700	280,200	233,635	999,655	6	38	46,101	963	314,280
131	Regalia and society banners and emblems.	6	59,011			6,606	52,405	6	12	8,775	99	30,860
132	Roofing and roofing materials	34	325,207	53,849	36,802	51,782	182,774	46	25	27,694	224	98,705
133	Rubber and elastic goods	3	34,172	898	2,572	4,544	26,158	2	7	4,104	18	7,356
134	Saddlery and harness	543	1,157,900	120,412	228,524	107,914	701,050	601	34	20,155	757	342,166
135	Salt	53	4,759,865	280,432	884,128	1,067,072	2,528,233	29	91	87,249	1,449	619,383
136	Sausage	5	30,500	7,000	13,500	4,300	5,700	9	1	208	17	7,399
137	Saws	9	108,845	10,310	16,922	30,974	50,639	14	4	3,400	51	28,120
138	Scales and balances	3	102,625	4,000	20,000	28,225	50,400	3	15	5,210	33	15,758
139	Sewing machine repairing	7	2,220			460	1,760	9	1	182	1	409
140	Ship and boat building, wooden	51	805,855	149,965	252,956	118,545	284,389	53	32	26,368	1,120	474,521
141	Shipbuilding, iron and steel	3	3,087,164	703,115	729,017	803,403	851,629		41	50,020	1,796	869,366
142	Shirts	14	558,483			76,621	481,862	16	58	41,516	462	149,725
143	Show cases	4	42,265		500	9,340	32,425	6	4	3,722	58	33,375
144	Slaughtering and meat packing, wholesale.	8	1,265,151	123,945	166,040	100,771	874,395	11	63	57,741	375	186,473
145	Slaughtering, wholesale, not including meat packing.	21	173,200	30,750	41,025	18,625	82,800	18	8	8,920	81	44,164
146	Soap and candles	12	565,151	36,800	98,998	142,828	286,525	9	47	32,338	122	49,485
147	Sporting goods	6	16,748	3,000	4,500	5,798	3,450	8			27	7,940
148	Springs, steel, car and carriage	5	368,093	18,926	48,659	135,574	164,934		16	15,781	351	158,661
149	Stamped ware	4	202,861	3,010	6,136	57,813	135,902		10	5,976	70	22,022
150	Starch	4	408,921	74,911	102,188	132,050	99,772		35	35,730	83	30,166
151	Steam fittings and heating apparatus	13	2,031,613	105,000	433,041	548,338	945,234	12	111	144,181	1,257	616,383
152	Stereotyping and electrotyping	3	17,000			11,500	5,500	4	3	726	19	8,530
153	Sugar and molasses, beet	9	4,013,743	143,036	925,980	2,414,349	530,378		118	101,693	473	216,704
154	Sugar and molasses, refining	3	4,725	700	900	3,000	125	4			3	920
155	Surgical appliances	9	11,805	125	1,000	2,680	8,000	14	45	8,800	28	6,977
156	Taxidermy	3	1,275			275	1,000	3			2	317
157	Tinsmithing, coppersmithing, and sheet-iron working.	467	1,120,878	116,024	223,682	284,019	497,153	549	62	52,434	1,091	475,705
158	Tobacco, chewing, smoking, and snuff	8	894,400	49,611	192,295	152,406	500,088	3	156	202,689	1,173	322,817
159	Tobacco, cigars and cigarettes	600	1,957,635	78,932	119,587	86,978	1,672,138	674	207	196,321	4,109	1,446,238
160	Tools, not elsewhere specified	18	202,848	4,650	21,150	73,544	103,504	19	20	23,107	214	81,482
161	Toys and games	3	61,630	1,500	6,500	8,035	45,595	4	2	2,200	90	40,389
162	Trunks and valises	6	200,482	2,000	8,000	13,955	176,527	8	29	29,466	233	87,957
163	Umbrellas and canes	7	40,322			3,291	37,031	7	8	5,728	86	20,705
164	Upholstering materials	5	74,987	2,892	12,541	17,550	42,004	4	7	4,130	76	27,009
165	Varnish	4	934,370	28,500	167,837	53,796	684,237	10	65	150,400	106	49,416
166	Vinegar and cider	106	335,064	24,205	84,252	128,144	98,463	130	5	3,990	137	40,927
167	Washing machines and clothes wringers.	8	58,207	5,550	13,650	11,966	27,041	5	10	5,139	61	21,211
168	Watch, clock, and jewelry repairing	438	339,699	33,365	51,605	117,967	136,762	467	3	801	287	148,446
169	Windmills	6	64,149	8,750	5,200	9,878	40,321	7	7	5,484	47	14,947
170	Window shades	5	115,670	7,000	26,000	23,720	58,950	10	10	10,276	82	32,700
171	Wirework, including wire rope and cable.	31	990,916	61,136	118,813	144,901	666,066	34	129	91,813	597	237,587
172	Wood, turned and carved	56	787,066	68,631	160,984	284,763	272,688	59	46	49,781	918	305,558
173	Woodenware, not elsewhere specified	11	211,253	30,100	49,320	78,363	53,470	5	12	9,412	229	75,263
174	Woolen goods	16	775,609	14,200	111,938	187,285	462,186	16	23	18,099	337	108,168
175	All other industries[1]	100	4,013,537	323,388	511,520	1,056,424	2,122,205	89	231	224,057	2,739	929,997

[1] Embraces ammunition, 2; artificial feathers and flowers, 2; babbitt metal and solder, 2; bags, paper, 2; bells, 1; billiard tables and materials, 2; blacking, 2; bluing, 1; boot and shoe uppers, 1; brass and copper, rolled, 1; butter, reworking, 1; buttons, 2; calcium lights, 1; carpets, wood, 2; clocks, 2; cloth, sponging and refinishing, 1; clothing, men's, factory product, buttonholes, 1; cordage and twine, 1; cordials and sirups, 1; dentists' materials, 2; dye stuffs and extracts, 1; enameling and enameled goods, 2; engravers' materials, 1; engraving, steel, including plate printing, 1; envelopes, 1; felt goods, 1; fertilizers, 1; files, 2; firearms, 1; flags and banners, 2; gas and oil stoves, 1; glass, 1; glue, 1; graphite and graphite refining, 2; grindstones, 2; hand knit goods, 1; hooks and eyes, 2; ink, printing, 1; ink, writing, 2; iron and steel, bolts, nuts, washers, and rivets, 1; ivory and bone work, 1; kaolin and other earth grinding, 1; kindling wood, 1; labels

TABLE 8.—MANUFACTURES IN CITIES

BAY CITY.

1	All industries	376	$5,645,525	$365,503	$633,736	$1,106,111	$3,540,175	403	233	$201,312	3,307	$1,466,328
2	Bicycle and tricycle repairing	9	7,220	150	600	3,438	3,032	9			8	3,904
3	Blacksmithing and wheelwrighting	23	15,587	5,650	3,075	3,467	3,395	24			15	8,000
4	Boots and shoes, custom work and repairing.	25	15,356	4,510	6,590	2,090	2,166	25			8	3,208
5	Bottling	6	17,625	2,700	4,450	2,360	8,115	6			13	5,440
6	Bread and other bakery products	14	83,655	5,050	9,655	44,731	24,219	18	7	4,197	40	13,867
7	Bridges	3	18,500			14,000	4,500	4	2	1,100	24	12,850
8	Carpentering	31	34,974	5,535	9,505	11,191	8,743	36	3	1,824	132	70,675
9	Carriages and wagons	6	11,475	1,000	1,625	1,875	6,975	8			15	7,083
10	Clothing, men's, custom work and repairing.	26	57,590	2,355	2,285	4,203	48,747	29	7	4,368	121	50,247
11	Clothing, women's, dressmaking	9	7,320	200	650	1,653	4,817	11	1	1,000	57	14,656

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
1,164	$589,822	367	$81,103	40	$5,213	$227,672	$66,684	$10,122	$85,476	$65,390	$677,823	$651,065	$26,758	$2,365,030	127
2,186	1,126,223	553	154,227	177	22,043	591,407	80,168	27,488	385,632	98,119	1,023,853	959,346	64,507	5,119,740	128
17	6,644					1,358	280	111	967		12,376	11,979	397	31,837	129
946	310,720	2	1,000	15	2,560	95,992		6,529	89,463		716,107	706,907	9,200	1,425,876	130
27	13,312	72	17,548			11,570	3,320	105	5,395	2,750	95,065	94,673	392	179,214	131
222	98,087	2	618			47,020	1,648	1,763	40,915	2,694	263,409	260,341	3,068	532,402	132
13	6,512	5	844			5,530	70	79	5,381		25,116	24,424	692	45,651	133
733	336,726	19	4,295	5	1,145	87,742	43,987	11,995	31,441	319	1,077,984	1,062,653	15,331	1,994,300	134
1,340	595,041	71	16,027	38	8,315	193,915	650	29,217	140,548	23,500	1,095,780	821,725	274,055	2,460,538	135
17	7,399					1,410	540	100	770		85,363	84,178	1,185	112,226	136
51	28,120					5,774	1,090	1,049	3,635		48,684	45,458	3,226	112,863	137
32	15,613			1	145	15,244	500	248	14,496		28,294	27,396	898	78,885	138
1	409					1,033	818	8	207		2,737	2,637	100	7,141	139
1,116	473,291	4	1,230			99,868	6,463	11,058	45,434	36,913	543,535	538,776	4,759	1,402,898	140
1,796	869,366					109,687	1,275	15,699	92,713		1,654,348	1,628,647	25,701	3,029,203	141
76	43,714	386	106,011			151,320	2,950	970	15,600	131,800	680,915	677,131	3,784	1,169,766	142
57	33,271			1	104	7,965	1,630	700	4,435	1,200	47,888	47,211	677	134,110	143
373	186,023	2	450			76,659	745	10,054	65,860		3,325,734	3,305,856	19,878	3,724,761	144
80	44,114			1	50	10,632	676	1,308	8,648		1,444,906	1,441,689	3,217	1,612,656	145
97	44,605	17	3,970	8	860	54,241	2,303	2,641	47,737	1,560	472,372	460,732	11,640	706,238	146
25	7,315	2	625			1,138	243	90	805		3,564	3,234	330	18,095	147
351	158,661					21,103	1,520	2,427	17,156		311,904	289,409	22,495	584,339	148
67	21,562	3	460			7,017	1,200	377	5,440		109,566	107,565	2,001	159,006	149
51	25,166	32	5,000			54,056		768	53,288		161,089	155,078	6,011	330,183	150
1,245	614,583	12	1,800			55,509	3,136	8,337	43,786	250	866,826	828,340	38,486	2,115,766	151
14	7,570			5	960	1,277	652	67	558		5,277	4,187	1,090	26,500	152
471	215,834	1	120	1	750	77,262		2,678	72,474	2,110	1,109,903	1,018,934	90,969	1,602,266	153
3	920					39		14	25		2,325	2,055	270	4,135	154
		28	6,977			58,324	1,306	22	55,796	1,200	17,549	17,397	152	141,808	155
1	200	1	117			385	288		97		1,285	1,249	36	4,150	156
1,048	469,048	3	480	40	6,177	95,967	40,194	7,274	47,054	1,445	1,032,132	1,016,535	15,597	2,103,034	157
474	189,647	698	132,962	1	208	1,935,082	10,080	18,808	1,906,144		1,174,039	1,132,664	41,375	3,746,045	158
1,939	930,837	1,970	494,597	200	20,804	1,041,921	66,045	10,608	957,054	8,214	1,992,831	1,979,400	13,431	5,588,982	159
170	71,557	44	9,925			31,219	2,074	3,321	25,124	700	124,209	119,606	4,603	339,960	160
80	35,789	10	4,600			4,305	20	205	4,080		63,029	61,579	1,450	122,650	161
188	78,629	41	8,600	4	728	40,033	7,550	853	31,630		194,067	193,341	726	427,155	162
26	9,913	60	10,792			7,195	6,060	385	750		140,982	140,352	630	191,591	163
74	26,809			2	200	5,911	690	773	4,448		33,580	27,750	5,830	96,020	164
95	46,736	11	2,680			262,401	180	10,296	251,925		814,857	811,152	3,705	1,561,150	165
124	38,860	12	1,917	1	150	11,026	1,010	1,999	7,742	275	215,707	206,959	8,748	374,223	166
58	20,275	3	936			7,122	250	444	2,374	4,054	42,174	40,944	1,230	98,832	167
267	144,576	15	3,449	5	421	60,236	45,242	2,336	10,741	1,917	107,103	102,106	4,997	556,290	168
47	14,947					6,247	1,000	626	4,259	362	36,942	35,920	1,022	84,844	169
53	25,200	29	7,500			8,614	3,140	236	5,238		207,159	205,125	2,034	290,610	170
506	220,123	62	14,584	29	2,880	97,521	3,610	3,067	89,945	899	628,983	621,646	7,337	1,394,464	171
829	288,826	87	16,432	2	300	35,079	3,504	4,938	26,321	316	286,771	274,811	11,960	924,366	172
181	66,235	48	9,028			8,070	200	1,135	6,735		65,505	64,745	760	209,489	173
193	71,726	144	36,442			29,717	650	5,632	23,435		406,726	390,495	16,231	626,836	174
1,976	782,871	727	141,772	36	5,354	289,843	21,333	21,032	230,391	17,087	4,321,047	4,200,309	120,738	6,774,933	175

and tags, 2; lamps and reflectors, 1; lapidary work, 2; lasts, 2; lead, bar, pipe, and sheet, 1; millinery and lace goods, 1; needles and pins, 1; oil, not elsewhere specified, 2; oilcloth, enameled, 1; pens, gold, 1; petroleum, refining, 1; photographic apparatus, 1; photographic materials, 1; pipes, tobacco, 2; printing and publishing, music, 2; printing materials, 1; pulp goods, 2; registers, cash, 2; rules, ivory and wood, 1; safes and vaults, 1; screws, wood, 1; silk and silk goods, 2; smelting and refining, not from the ore, 2; stationery goods, not elsewhere specified, 2; steam packing, 2; stencils and brands, 1; tin and terne plate, 1; wheelbarrows, 1.

BY SPECIFIED INDUSTRIES: 1900.

BAY CITY.

3,021	$1,395,041	279	$70,204	7	$1,083	$385,641	$38,420	$42,363	$283,076	$21,782	$3,820,599	$3,765,276	$55,323	$7,087,624	1
8	3,904					897	456	47	394		8,536	8,331	205	20,027	2
15	8,000					2,513	1,528	241	744		14,262	13,513	749	47,095	3
8	3,208					1,672	1,015	138	519		7,357	7,083	274	22,226	4
13	5,440					2,955	290	320	2,345		26,119	25,965	154	39,030	5
29	11,884	11	1,983			8,461	1,911	639	5,914		64,168	61,644	2,524	115,358	6
24	12,850					962		12	950		12,740	10,650	2,090	35,000	7
132	70,675					6,084	1,640	420	1,444	2,580	99,624	98,940	684	222,211	8
15	7,083					1,429	864	125	440		13,502	13,276	226	30,370	9
41	25,345	80	24,902			7,903	4,348	389	3,166		45,482	44,893	589	143,843	10
1	600	56	14,056			2,525	1,276	16	533	700	27,530	27,382	148	55,547	11

TABLE 8.—MANUFACTURES IN CITIES

BAY CITY—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
12	Dyeing and cleaning	4	$1,165			$940	$225	4			1	$358
13	Foundry and machine shop products	11	763,392	$87,350	$133,472	179,322	363,248	7	44	$33,612	507	263,389
14	Furniture, cabinetmaking, repairing, and upholstering.	11	6,870	1,775	1,085	1,774	2,236	10			9	5,030
15	Lumber and timber products	10	1,106,824	60,500	65,500	117,900	862,924	14	20	20,120	445	194,278
16	Lumber, planing mill products, including sash, doors, and blinds.	10	1,351,175	38,904	63,887	90,511	1,157,873	5	35	34,337	417	143,144
17	Masonry, brick and stone	3	13,750	5,800	4,000	1,050	2,900	3	3	2,016	79	44,900
18	Millinery, custom work	9	18,600	3,600	4,150	410	10,440	9			47	13,132
19	Mineral and soda waters	3	26,762	3,600	6,000	10,862	6,300	2	2	1,500	11	4,032
20	Painting, house, sign, etc	23	16,272	1,325	2,180	3,340	9,427	28			70	39,440
21	Paving and paving materials	12	14,473	2,215	4,335	3,162	4,761	13			171	73,082
22	Photography	4	17,600	3,000	9,000	3,000	2,600	5			7	2,176
23	Plumbing, and gas and steam fitting	7	42,792	2,400	1,700	4,950	33,742	11	3	1,888	28	15,900
24	Printing and publishing, book and job	6	37,950	1,000	5,000	23,500	8,450	6	5	3,484	26	12,155
25	Printing and publishing, newspapers and periodicals.	5	88,996	1,400	1,200	61,033	25,363	6	13	11,900	48	29,792
26	Saddlery and harness	8	10,790	2,000	2,500	1,440	4,850	9			8	3,198
27	Salt	3	272,922	14,000	89,593	133,839	35,490	10	5	4,342	69	30,495
28	Ship and boat building, wooden	4	9,125	1,000	2,950	1,385	3,790	4	1	1,500	63	36,600
29	Tinsmithing, coppersmithing, and sheet-iron working.	14	41,932	2,700	5,550	14,525	19,157	14	1	520	55	26,143
30	Tobacco, cigars and cigarettes	14	32,720	2,600	4,550	1,745	23,825	16	2	600	49	24,869
31	Watch, clock, and jewelry repairing	9	6,850	300	500	3,400	2,650	9			8	4,020
32	All other industries[1]	46	1,495,263	102,884	188,149	359,015	845,215	48	79	73,004	756	310,265

[1] Embraces agricultural implements, 1; awnings, tents, and sails, 2; bicycles and tricycles, 1; bookbinding and blank book making, 2; boxes, cigar, 1; boxes, wooden packing, 2; brass castings and brass finishing, 1; carpets, rag, 1; cars and general shop construction and repairs by steam railroad companies, 1; chemicals, 2; confectionery, 1; cooperage, 2; electroplating, 1; flouring and grist mill products, 2; food preparations, 1; fur goods, 2; gas, illuminating and heating, 1; gas

DETROIT.

1	All industries	2,847	$71,751,193	$5,736,363	$8,399,579	$21,571,058	$36,044,193	3,123	5,448	$5,042,299	45,707	$18,718,081
2	Awnings, tents, and sails	5	49,125			4,473	44,652	6	13	6,478	71	25,956
3	Baking and yeast powders	6	29,970	4,100	8,060	7,750	10,060	6	20	8,219	25	9,125
4	Baskets, and rattan and willow ware	10	26,471	7,000	4,050	5,546	9,875	10	2	490	23	8,559
5	Bicycle and tricycle repairing	69	96,413	9,330	6,000	35,239	45,844	77	6	4,836	81	36,366
6	Blacksmithing and wheelwrighting	130	165,770	60,800	41,685	22,223	41,062	150			209	116,362
7	Bookbinding and blank book making	8	22,731			14,150	8,581	11	6	3,488	55	16,715
8	Boots and shoes, custom work and repairing.	149	50,529	15,100	11,805	12,177	11,447	150	1	364	52	21,466
9	Boots and shoes, factory product	6	740,682	60,900	130,059	75,256	474,467	12	33	33,379	645	235,157
10	Bottling	7	24,234	2,900	4,800	4,634	11,900	8	2	780	12	4,903
11	Boxes, cigar	3	89,967	7,000	21,441	17,000	44,526	4	4	3,972	152	33,561
12	Boxes, fancy and paper	5	190,543	28,800	42,900	27,109	91,734	4	14	14,580	381	69,801
13	Boxes, wooden packing	9	467,780	130,367	63,000	129,526	144,887	4	16	16,225	251	85,352
14	Brass castings and brass finishing	17	1,038,765	25,096	120,976	246,304	646,389	18	62	85,403	803	332,750
15	Bread and other bakery products	160	805,738	98,422	115,900	411,882	179,534	168	95	84,611	603	273,789
16	Brick and tile	3	103,698	70,000	4,000	9,500	20,198	3	1	240	35	13,605
17	Brooms and brushes	12	96,659	9,200	8,650	12,616	66,193	15	12	9,166	152	50,173
18	Carpentering	143	334,793	67,175	45,421	48,649	173,548	175	16	10,045	950	471,133
19	Carpets, rag	15	21,465	5,600	11,000	2,675	2,190	14	2	850	19	6,482
20	Carriages and sleds, children's	3	12,092	250	1,800	1,143	8,899	3	2	1,000	8	3,118
21	Carriages and wagons	20	554,643	48,900	79,595	41,240	384,908	26	23	30,948	318	150,135
22	Cheese and butter, urban dairy products.	4	15,900	5,000	6,250	2,150	2,500	5			1	300
23	Cleansing and polishing preparations	3	2,585			260	2,325	6	1	300	5	2,900
24	Clothing, men's, custom work and repairing.	186	391,879	30,300	31,350	21,630	308,599	211	58	36,282	827	359,271
25	Clothing, men's, factory product	26	816,980	13,950	27,254	52,271	723,505	33	74	68,550	1,307	294,939
26	Clothing, women's, dressmaking	99	149,074	10,800	24,950	12,330	100,994	124	21	23,030	609	182,192
27	Clothing, women's, factory product	10	178,205	4,500	14,000	22,686	137,019	16	31	27,006	637	127,779
28	Coffee and spice, roasting and grinding	3	45,983			8,189	37,794	4	6	4,794	24	8,670
29	Coffins, burial cases, and undertakers' goods.	7	211,872	22,300	12,900	23,400	153,272	8	20	26,550	117	47,385
30	Confectionery	35	391,727	13,300	34,100	76,932	267,395	36	94	47,641	407	109,127
31	Cooperage	11	131,143	25,200	20,899	8,048	76,996	12	4	1,900	124	55,905
32	Corsets	3	277,644			35,711	241,933	3	31	31,236	486	130,908
33	Druggists' preparations, not including prescriptions.	9	2,944,303	123,526	374,210	480,858	1,965,709	4	568	544,755	1,583	544,458
34	Dyeing and cleaning	18	41,680			12,970	28,710	22	4	2,748	55	19,821
35	Electrical apparatus and supplies	9	432,641	6,500	7,201	60,181	358,759	8	20	22,470	122	60,466
36	Electrical construction and repairs	16	109,971			23,725	86,246	19	28	21,245	249	95,979
37	Electroplating	4	12,700			8,000	4,700	4	7	5,744	44	16,538
38	Emery wheels	3	84,619	11,000	10,600	17,322	45,697	1	13	9,211	56	33,985
39	Engraving and diesinking	5	1,350			785	565	5			4	1,051
40	Fancy articles, not elsewhere specified	3	4,216			1,625	2,591	2	1	400	78	8,400
41	Flouring and grist mill products	5	262,400	34,800	39,130	39,000	149,470	9	12	8,330	55	27,754

BY SPECIFIED INDUSTRIES: 1900—Continued.

BAY CITY—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
1	$358					$816	$761		$55		$1,119	$1,030	$89	$4,441	12
507	263,389					47,181	245	$7,001	39,710	$225	279,675	272,372	7,303	807,117	13
9	5,030					1,377	914	152	311		9,024	8,881	143	21,620	14
445	194,278					50,693	3,000	12,793	34,900		783,429	783,429		1,259,617	15
416	142,664	1	$480			53,060	1,200	6,484	45,376		1,063,248	1,061,043	2,205	1,441,101	16
79	44,900					3,528		617	761	2,150	55,730	55,665	65	117,724	17
		47	13,132			4,497	3,386	256	855		27,418	27,268	150	57,795	18
11	4,032					2,680	96	561	2,023		4,790	4,217	573	16,047	19
70	39,440					4,377	2,275	173	1,929		27,343	26,993	350	93,624	20
171	73,082					3,830	575	206	949	2,100	46,541	46,429	112	148,850	21
4	1,562	3	614			1,907	600	382	925		6,296	6,296		18,850	22
28	15,900					3,894	1,148	321	2,425		51,026	49,884	1,142	90,045	23
22	11,540	3	468	1	$147	3,712	1,536	441	1,735		10,858	10,238	620	42,917	24
44	29,000	3	662	1	130	11,886	1,706	412	9,208	560	21,131	19,425	1,706	105,621	25
6	2,892			2	306	883	641	90	152		7,076	7,026	50	16,803	26
66	29,995			3	500	24,990	150	2,023	13,940	8,877	45,706	31,096	14,610	131,905	27
63	36,600					611	285	106	220		21,290	20,770	520	132,909	28
55	26,143					2,708	1,360	220	1,128		34,081	33,541	540	82,500	29
41	23,391	8	1,478			10,783	770	151	9,862		29,794	29,668	126	79,899	30
8	4,020					1,424	1,122	64	238		3,030	2,980	50	14,060	31
689	297,836	67	12,429			115,400	3,322	7,563	99,925	4,590	972,674	955,348	17,326	1,673,472	32

machines and meters, 1; hardware, 1; hosiery and knit goods, 1; kindling wood, 1; lime and cement, 1; liquors, malt, 1; lock and gun smithing, 1; looking-glass and picture frames, 1; marble and stone work, 2; mattresses and spring beds, 2; patent medicines and compounds, 1; plastering and stuccowork, 1; roofing and roofing materials, 2; rules, ivory and wood, 1; sausage, 1; saws, 1; sewing machine repairing, 1; umbrellas and canes, 2.

DETROIT.

33,943	$16,177,088	10,469	$2,366,758	1,295	$174,235	$10,844,958	$812,665	$431,403	$8,785,906	$814,984	$52,349,347	$51,344,784	$1,004,563	$100,892,838	1
45	19,290	26	6,666			9,392	2,628	274	6,490		69,217	68,512	705	123,225	2
14	6,215	11	2,910			7,380	1,140	78	6,162		14,145	13,660	485	55,792	3
20	8,167	1	192	2	200	1,567	409	405	753		5,693	5,398	295	22,986	4
80	36,165			1	201	15,968	11,056	359	3,463	1,090	71,525	69,437	2,088	186,545	5
207	115,920			2	442	20,867	16,521	1,326	2,747	273	93,442	88,662	4,780	374,692	6
16	9,858	36	6,427	3	430	4,426	1,986	38	402	2,000	12,009	11,636	373	48,506	7
51	21,354			1	112	11,767	10,476	398	843	50	44,075	42,504	1,571	143,455	8
395	159,947	248	75,078	2	132	176,621	2,275	2,578	171,508	260	702,272	698,972	3,300	1,212,742	9
12	4,903					3,827	576	641	2,610		22,480	22,161	319	43,608	10
45	12,982	85	16,388	22	4,191	23,973	400	680	22,893		49,853	49,063	790	118,501	11
50	18,592	231	38,377	100	12,832	10,740	3,526	1,298	5,916		85,018	83,127	1,891	230,483	12
208	76,733			43	8,619	17,818	2,475	2,059	13,284		233,896	230,049	3,847	376,034	13
798	332,100			5	650	103,075	7,025	6,206	88,784	1,060	920,192	907,499	12,693	1,632,783	14
489	250,019	86	19,231	28	4,539	87,240	37,888	6,043	43,309		1,003,908	972,586	31,322	1,876,952	15
32	13,080	3	525			865	600	265			4,992	492	4,500	25,400	16
106	42,627	34	6,332	12	1,214	8,553	3,950	879	3,724		129,432	128,107	1,325	228,957	17
950	471,133					270,772	5,646	2,265	13,357	249,504	839,162	838,121	1,041	1,863,216	18
17	5,858	2	624			1,335	804	44	487		4,093	3,685	408	19,795	19
8	3,118					532	360	53	119		6,680	6,482	198	14,094	20
311	147,405	7	2,730			24,298	5,578	4,525	13,882	313	351,821	347,906	3,915	672,665	21
1	300					213	110	92	11		12,225	12,011	214	17,964	22
5	2,900					1,091	516		575		5,845	5,800	45	17,500	23
557	292,219	256	65,019	14	2,033	104,139	57,070	2,645	31,796	12,628	482,124	477,682	4,442	1,302,015	24
165	87,615	1,123	204,801	19	2,523	166,353	17,200	4,851	67,803	76,499	1,049,763	1,042,842	6,921	1,829,202	25
29	27,942	573	153,450	7	800	35,664	21,892	1,129	12,443	200	248,907	246,175	2,732	596,937	26
80	16,160	605	111,263	2	356	51,692	5,670	839	29,172	16,011	400,757	398,791	1,966	692,203	27
13	6,746	10	1,768	1	156	6,775	2,100	610	4,065		142,873	140,653	2,220	193,198	28
101	43,930	11	2,580	5	875	34,896	2,440	1,462	7,194	23,800	70,912	69,332	1,580	232,740	29
181	68,837	225	40,140	1	150	80,192	28,410	2,836	48,946		510,617	501,466	9,151	880,289	30
122	55,437			2	468	5,386	300	1,278	3,808		141,810	140,776	1,034	242,359	31
43	21,408	443	109,500			31,423	6,300	1,251	23,872		217,379	215,930	1,449	481,720	32
597	273,760	971	269,823	15	875	1,037,486	13,137	30,998	993,351		1,996,473	1,981,652	14,821	4,915,913	33
29	12,687	26	7,134			7,895	6,347	126	1,422		5,097	3,883	1,214	68,116	34
114	56,560	5	3,500	3	406	28,619	2,904	1,159	20,956	3,600	153,838	151,138	2,700	362,921	35
249	95,979					84,890	5,110	513	21,633	57,634	244,205	243,588	617	527,189	36
44	16,538					1,781	1,256	16	509		4,503	3,303	1,200	36,845	37
56	33,985					1,475	140	260	1,075		72,421	69,621	2,800	137,577	38
2	803			2	248	566	536		30		75	75		6,050	39
7	1,400	71	7,000			2,372	659		213	1,500	1,136	1,016	120	16,295	40
55	27,754					17,179	120	2,559	14,500		1,259,234	1,253,614	5,620	1,462,070	41

TABLE 8.—MANUFACTURES IN CITIES

DETROIT—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
42	Food preparations	5	$95,767	$6,050	$4,030	$41,730	$43,957	5	7	$7,852	26	$10,872
43	Foundry and machine shop products	74	9,220,842	847,250	1,192,437	1,657,965	5,523,190	71	540	574,723	5,933	2,883,453
44	Fur goods	15	348,777	1,150	1,100	10,252	336,275	22	88	54,772	178	153,238
45	Furnishing goods, men's	3	75,575			27,701	47,874	2	15	11,024	126	22,153
46	Furniture, cabinetmaking, repairing, and upholstering.	46	70,814	4,500	3,525	7,887	54,902	54	7	5,100	100	46,867
47	Furniture, factory product	22	1,419,554	134,042	309,554	186,555	789,403	25	135	137,181	1,404	541,706
48	Furs, dressed	3	4,140			1,250	2,890	5			13	5,477
49	Glass, cutting, staining, and ornamenting.	5	20,568	500	500	6,557	13,011	7	1	550	44	17,726
50	Hairwork	5	12,100			150	11,950	5			22	4,900
51	Hand stamps	6	14,732			8,050	6,682	7	4	2,184	15	5,175
52	Hardware	5	36,253	1,000	1,500	9,952	23,801	2	7	5,160	31	9,558
53	Hats and caps, not including fur hats and wool hats.	5	68,083			6,253	61,830	10	8	5,510	94	46,590
54	Hosiery and knit goods	8	241,272	500	10,911	75,152	154,709	2	14	15,296	426	85,088
55	Instruments, professional and scientific	3	3,200			1,150	2,050	1	3	1,725	8	4,260
56	Iron and steel	4	1,793,651	115,000	133,833	423,004	1,121,814		25	28,105	1,121	595,040
57	Ironwork, architectural and ornamental.	8	627,081	16,000	46,000	234,406	330,675	9	34	43,710	441	221,763
58	Liquors, malt	20	2,800,062	820,912	638,836	859,996	980,318	12	115	132,803	412	257,186
59	Lock and gun smithing	12	12,545	5,700	2,200	2,470	2,175	12			11	5,570
60	Looking-glass and picture frames	19	273,682	16,567	49,166	28,990	178,959	22	27	34,700	239	92,225
61	Lumber and timber products	5	251,195	54,000	15,575	42,200	139,420	6	21	18,500	137	86,590
62	Lumber, planing mill products, including sash, doors, and blinds.	30	941,857	143,309	129,751	160,866	507,931	29	50	45,165	970	333,685
63	Malt	3	1,216,655	214,500	330,180	85,500	586,475	1	7	9,869	51	30,680
64	Marble and stone work	15	214,375	43,400	12,850	32,050	126,075	22	2	1,300	186	182,263
65	Masonry, brick and stone	51	256,356	25,300	9,750	34,210	187,096	66	16	19,025	740	399,359
66	Matches	3	899,952	89,500	207,000	356,000	247,452		15	26,812	639	155,836
67	Mattresses and spring beds	3	155,009	10,000	31,500	27,557	85,952		26	21,802	117	51,198
68	Millinery, custom work	90	149,009	21,760	22,650	4,650	99,949	97	39	12,641	268	61,060
69	Mineral and soda waters	15	90,855	21,300	8,000	36,830	24,725	23	14	8,472	58	24,733
70	Models and patterns	7	17,260			4,550	12,710	10	1	625	92	46,480
71	Monuments and tombstones	7	51,659	12,900	8,050	11,700	19,009	9	2	1,312	35	25,096
72	Optical goods	7	204,189	60,000	15,000	15,737	113,452	5	32	25,020	174	48,850
73	Painting, house, sign, etc	123	254,588	20,970	23,350	26,420	183,848	163	46	22,912	638	348,686
74	Paints	7	1,500,856	108,799	227,969	147,951	1,016,137	1	178	130,349	369	122,149
75	Paper hanging	17	19,929	250	1,450	2,555	15,674	20	1	208	86	38,649
76	Patent medicines and compounds	32	557,282	15,342	60,519	70,094	411,327	30	164	124,521	320	90,050
77	Paving and paving materials	18	245,591	8,700	10,938	46,529	179,424	19	23	18,878	446	234,945
78	Perfumery and cosmetics	7	213,172	10,000	25,000	11,850	166,322	4	94	60,543	170	38,349
79	Photography	35	269,390	8,000	22,425	49,220	189,745	88	39	24,365	143	65,008
80	Photolithographing and photoengraving.	6	46,921			15,800	31,121	6	13	9,660	68	34,396
81	Pickles, preserves, and sauces	5	109,091	3,000	1,500	10,951	93,640	2	32	41,257	178	48,189
82	Plastering and stuccowork	23	41,638	2,900	3,800	10,570	24,368	26	11	7,715	174	96,541
83	Plumbers' supplies	7	296,149	6,050	19,000	88,776	182,323	1	36	34,901	444	185,717
84	Plumbing, and gas and steam fitting	97	296,348	31,525	35,750	35,830	193,243	115	37	16,484	463	246,050
85	Printing and publishing, book and job	91	927,233	1,325	1,500	441,822	482,586	102	426	165,476	831	394,301
86	Printing and publishing, newspapers and periodicals.	37	857,725	62,000	83,000	393,050	319,675	23	450	427,271	373	243,850
87	Regalia and society banners and emblems.	3	29,851			4,176	25,675	4	8	7,200	33	27,012
88	Roofing and roofing materials	15	237,471	40,598	18,102	38,837	139,934	22	16	22,730	131	56,266
89	Saddlery and harness	37	127,600	19,700	17,150	13,076	77,674	43	8	7,952	134	59,320
90	Scales and balances	3	102,625	4,000	20,000	28,225	50,400	3	15	5,210	33	15,758
91	Sewing machine repairing	3	1,075			300	775	4	1	182		
92	Ship and boat building, wooden	10	75,021	16,750	10,100	5,185	42,986	10	8	5,556	91	47,836
93	Shirts	3	24,117			6,585	17,532	2	4	3,756	34	7,609
94	Slaughtering and meat packing, wholesale.	3	1,092,001	78,895	109,890	91,321	811,895	2	56	54,221	291	150,482
95	Slaughtering, wholesale, not including meat packing.	13	92,775	28,600	20,100	5,525	38,550	16	5	5,360	47	27,374
96	Soap and candles	5	318,240	20,000	63,000	88,945	146,295	4	24	20,652	72	30,082
97	Steam fittings and heating apparatus	11	2,021,313	104,500	432,541	546,038	938,234	5	111	144,181	1,251	613,258
98	Tinsmithing, coppersmithing, and sheet-iron working.	72	471,350	37,500	62,900	133,210	237,740	33	30	33,189	469	176,784
99	Tobacco, chewing, smoking, and snuff	8	894,400	49,611	192,295	152,406	500,088	3	156	202,689	1,173	322,817
100	Tobacco, cigars and cigarettes	184	1,035,825	35,490	47,850	38,357	914,128	195	141	154,587	2,369	680,186
101	Tools, not elsewhere specified	5	66,074	900	750	37,036	27,388	3	4	6,800	42	20,691
102	Trunks and valises	3	88,301			9,055	79,246	5	14	13,466	103	40,057

BY SPECIFIED INDUSTRIES: 1900—Continued.

DETROIT—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
23	$10,312	3	$560			$16,540	$180	$1,035	$15,325		$198,874	$191,618	$7,256	$264,198	42
5,750	2,849,593	66	12,687	117	$21,173	694,085	40,018	39,867	601,346	$12,854	3,379,132	3,292,939	86,193	3,943,311	43
126	76,002	245	76,036	7	1,200	47,599	16,290	2,302	28,007	1,000	880,927	879,446	1,481	1,352,243	44
10	4,920	110	17,233			3,890	2,995	200	695		50,894	50,026	868	161,200	45
83	43,465	12	2,670	5	782	11,025	7,322	444	2,801	458	74,535	73,728	807	187,600	46
1,273	521,833	37	8,850	94	11,023	147,301	15,505	12,164	117,132	2,500	796,269	779,464	16,805	1,865,280	47
13	5,477					1,361	616	50	695		112,461	111,862	599	126,320	48
41	16,736	3	990			4,586	2,340	217	2,029		19,697	19,251	446	61,064	49
		22	4,900			5,550	3,270	31	2,249		10,690	10,430	260	28,100	50
9	4,383	1	168	5	624	2,710	1,802	73	835		6,710	6,588	122	21,995	51
21	8,224	5	824	5	510	3,353	893	38	1,672	750	14,334	13,562	772	41,594	52
69	40,860	24	5,552	1	178	6,117	3,250	276	2,591		122,480	121,400	1,080	202,212	53
23	9,915	350	68,936	53	6,237	46,376	7,557	701	28,053	10,065	223,539	220,898	2,641	441,850	54
8	4,260					665	440		225		1,010	790	220	12,595	55
1,121	595,040					123,711	3,750	13,745	99,832	6,384	2,158,854	1,968,539	190,315	3,198,881	56
440	221,283	1	480			16,032	4,112	3,711	8,209		504,142	496,692	7,450	881,077	57
399	252,510	13	4,676			1,277,931	47,767	30,820	1,199,344		547,378	502,350	45,028	2,593,093	58
9	4,764	1	442	1	364	2,095	1,750	174	171		2,554	2,247	307	16,095	59
193	82,108	42	9,649	4	468	13,459	5,265	2,296	5,898		162,469	160,964	1,505	364,885	60
137	86,590					16,221	4,860	4,571	6,790		271,095	270,495	600	417,863	61
933	378,225	11	2,536	26	2,924	140,915	8,260	7,062	102,993	22,600	936,394	927,112	9,282	1,684,220	62
51	30,680					24,941		4,522	20,419		592,611	575,392	17,219	723,286	63
186	132,263					37,202	2,366	1,590	4,146	29,100	203,652	201,532	2,120	429,467	64
740	399,359					113,354	1,971	2,339	10,309	98,735	482,165	480,924	1,241	1,188,649	65
296	90,453	218	46,633	125	18,750	133,497		3,686	129,811		1,042,554	1,039,854	2,700	1,745,030	66
89	43,398	26	7,488	2	312	25,316	420	1,088	23,808		198,116	196,282	1,834	337,883	67
		261	60,135	7	925	35,519	26,266	1,216	7,937	100	241,889	240,093	1,796	458,155	68
57	24,648			1	85	11,254	3,876	411	6,967		39,904	39,363	541	137,377	69
92	46,480					2,735	1,824	107	804		4,435	3,984	451	67,500	70
35	25,096					4,427	191	417	3,569	250	23,417	22,990	427	75,236	71
84	31,777	55	11,248	35	5,825	13,996	2,180	1,725	10,016	75	110,768	109,657	1,111	225,952	72
636	348,364	1	130	1	192	35,170	17,767	1,686	15,602	115	241,406	240,500	906	814,941	73
279	104,153	79	16,337	11	1,659	216,216	3,804	7,022	205,390		1,096,789	1,086,078	10,711	1,737,300	74
85	38,263	1	386			3,502	2,094	79	1,329		26,494	26,346	148	85,658	75
100	40,599	217	49,051	3	400	166,821	6,860	2,302	142,359	15,300	255,310	251,347	3,963	859,358	76
446	234,945					23,880	1,560	975	14,345	7,000	415,186	413,588	1,598	768,617	77
30	11,111	139	27,138	1	100	69,106	5,770	2,762	60,574		204,078	203,060	1,018	474,702	78
102	55,187	37	9,214	4	607	37,010	15,863	1,204	19,868	75	77,113	75,626	1,487	277,889	79
67	33,796	1	600			11,298	2,451	174	8,673		11,308	9,213	2,095	89,035	80
65	29,157	113	19,032			26,562	5,414	976	20,172		555,163	551,339	3,824	707,869	81
167	95,165	7	1,376			14,578	2,281	306	4,857	7,134	71,312	70,382	930	220,798	82
404	178,017	40	7,700			76,360	4,585	2,847	68,928		349,234	337,275	11,959	700,086	83
462	245,914			1	136	29,077	17,107	1,128	10,792	50	471,676	467,635	4,041	971,981	84
612	347,151	191	43,204	28	3,946	128,950	42,336	5,254	31,696	49,664	383,633	370,509	13,124	1,417,275	85
358	240,644	5	2,016	9	1,190	237,291	14,739	6,870	148,611	67,071	285,512	272,856	12,656	1,603,652	86
24	12,480	59	14,532			9,635	2,580	60	4,495	2,500	66,808	66,538	270	135,251	87
129	55,648	2	618			36,158	886	1,230	32,848	1,194	159,833	158,130	1,703	328,890	88
122	56,392	10	2,471	2	457	17,846	7,560	3,244	7,042		136,067	133,566	2,501	262,946	89
32	15,613			1	145	15,244	500	248	14,496		28,294	27,396	898	78,885	90
						739	624		115		1,213	1,158	55	3,143	91
91	47,836					9,426	2,320	635	6,271	200	35,983	35,214	769	123,635	92
2	1,404	32	6,205			2,592	990	203	1,399		26,464	26,274	190	44,846	93
291	150,482					62,793	720	8,193	53,880		2,844,089	2,828,667	15,422	3,167,430	94
47	27,374					7,794	436	924	6,434		784,351	783,302	1,049	880,319	95
53	26,340	14	3,242	5	500	27,606	2,140	1,491	23,975		274,555	268,099	6,456	409,813	96
1,239	611,458	12	1,800			54,868	2,636	8,316	43,666	250	862,181	823,845	38,336	2,104,066	97
432	171,100			37	5,684	45,062	12,557	2,733	29,737	35	458,978	453,225	5,753	847,365	98
474	189,647	698	132,962	1	208	1,935,032	10,080	18,808	1,906,144		1,174,039	1,132,664	41,375	3,746,045	99
592	254,489	1,629	411,546	148	14,151	641,981	27,764	6,180	608,037		900,230	895,131	5,099	2,790,268	100
38	19,266	4	1,425			11,848	1,082	502	10,264		8,958	7,651	1,307	56,332	101
83	35,729	16	3,600	4	728	11,148	6,700	558	3,890		98,281	97,730	551	208,455	102

TABLE 8.—MANUFACTURES IN CITIES

DETROIT—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
102	Umbrellas and canes	4	$36,475			$2,825	$33,650	4	8	$5,728	74	$16,338
103	Varnish	3	914,906	$27,500	$164,497	51,650	671,259	7	64	150,000	102	47,700
104	Watch, clock, and jewelry repairing	62	43,565	1,800	2,500	15,860	23,405	68	2	676	74	44,845
105	Wirework, including wire rope and cable.	10	197,857	21,100	69,950	23,600	83,207	9	13	16,390	217	64,244
106	Wood, turned and carved	14	45,510	7,100	7,200	18,075	13,135	18	1	500	43	19,912
107	All other industries[1]	128	25,182,919	1,846,202	2,136,669	12,470,868	8,729,180	126	631	648,535	8,225	3,515,617

[1] Embraces agricultural implements, 2; artificial feathers and flowers, 2; artificial limbs, 2; babbitt metal and solder, 2; bags, paper, 1; belting and hose, leather, 2; bicycles and tricycles, 1; billiard tables and materials, 2; blacking, 1; boot and shoe uppers, 1; brass and copper, rolled, 1; brassware, 1; bridges, 1; butter, reworking, 1; buttons, 1; calcium lights, 1; carpets, wood, 2; carriage and wagon materials, 1; cars and general shop construction and repairs by steam railroad companies, 1; cars and general shop construction and repairs by street railroad companies, 1; cars, steam railroad, not including operations of railroad companies, 2; chemicals, 2; china decorating, 2; clocks, 1; cloth, sponging and refinishing, 1; clothing, men's, factory product, buttonholes, 1; cutlery and edge tools, 1; dentists' materials, 1; enameling and enameled goods, 2; engraving, steel, including plate printing, 1; engraving, wood, 2; envelopes, 1; files, 2; flags and banners, 2; flavoring extracts, 2; fruits and vegetables, canning and preserving, 1; gas, illuminating and heating, 1; gas machines and meters, 1; glass, 1; gloves and mittens, 2; graphite and graphite refining, 1; hand knit goods, 1; house furnishing goods, not elsewhere specified, 2; ink, printing, 1; ink, writing, 1; iron and

GRAND RAPIDS.

1	All industries	824	$23,433,760	$1,879,079	$3,460,600	$5,741,799	$12,352,282	877	1,197	$1,166,472	14,361	$5,904,670
2	Bicycle and tricycle repairing	21	10,788			6,993	3,795	25			14	5,843
3	Bicycles and tricycles	3	265,099	3,500	24,105	57,895	179,599	1	25	16,611	197	87,902
4	Blacksmithing and wheelwrighting	49	53,433	19,200	16,655	7,828	9,750	57			39	22,590
5	Bookbinding and blank book making	3	27,197			12,834	14,363	6			32	16,473
6	Boots and shoes, custom work and repairing.	54	14,843	2,345	3,275	4,178	5,045	56			10	3,715
7	Boxes, wooden packing	3	21,959	20	30	7,062	14,847	3	2	850	34	10,503
8	Bread and other bakery products	40	509,780	39,675	94,450	247,959	127,696	40	56	34,779	169	85,843
9	Brooms and brushes	6	169,745	12,232	16,650	26,518	114,345	8	12	12,528	256	56,514
10	Carpentering	38	71,457	1,600	2,700	14,374	52,783	48	5	1,615	236	109,753
11	Carpets, rag	6	2,593	300	300	925	1,068	7			8	1,302
12	Carriages and wagons	10	906,008	48,250	105,903	81,223	670,632	9	21	21,276	289	123,635
13	Clothing, men's, custom work and repairing.	43	72,584	3,150	8,000	4,112	57,322	50	4	3,852	147	61,407
14	Clothing, men's, factory product	3	109,500			7,000	102,500	2	4	6,580	141	47,300
15	Clothing, women's, dressmaking	14	8,009			1,725	6,284	16			90	18,415
16	Confectionery	9	167,870	1,400	1,200	44,120	121,150	11	17	15,170	126	41,572
17	Cooperage	3	58,519	18,200	9,700	7,818	22,801	2	3	3,550	73	26,110
18	Dyeing and cleaning	3	17,100	6,000	7,000	2,000	2,100	3			16	4,360
19	Electrical construction and repairs	3	28,600			1,700	26,900	1	9	7,507	26	13,765
20	Flouring and grist mill products	9	664,514	313,482	78,850	105,500	166,682	14	22	20,285	92	44,924
21	Foundry and machine shop products	28	1,868,100	96,249	254,695	395,126	622,030	23	106	71,346	870	381,945
22	Fur goods	4	19,925			1,775	18,150	5	1	1,000	30	10,308
23	Furniture, cabinetmaking, repairing, and upholstering.	9	5,365			1,464	3,901	12	1	400	13	6,086
24	Furniture, factory product	34	8,361,964	528,475	1,546,863	708,740	5,577,886	11	323	418,299	6,236	2,581,667
25	Hats and caps, not including fur hats and wool hats.	4	93,873	3,000	20,000	18,975	51,898	4	14	18,200	126	33,600
26	Hosiery and knit goods	5	324,113	16,627	32,476	90,085	184,925		16	18,886	253	79,334
27	Leather, tanned, curried, and finished	3	477,511	18,789	80,217	20,659	357,846	1	8	11,340	101	46,324
28	Lock and gun smithing	5	12,105	2,000	5,000	2,850	2,255	5			8	4,100
29	Looking-glass and picture frames	7	19,829	2,000	1,000	1,486	15,343	8	3	4,500	13	6,632
30	Lumber and timber products	3	689,804	119,418	86,386	119,291	364,709	2	25	24,468	255	130,485
31	Lumber, planing mill products, including sash, doors, and blinds.	8	513,926	42,500	57,700	49,031	364,695	6	19	19,834	255	116,927
32	Masonry, brick and stone	14	15,143	900	1,550	6,383	6,310	20	2	828	169	73,394
33	Millinery, custom work	21	43,950	400	3,100	1,775	38,675	24	3	1,350	122	38,173
34	Mineral and soda waters	3	10,850		50	9,500	1,300	4			7	3,920
35	Monuments and tombstones	5	22,062	1,200	875	2,685	17,302	4	6	3,180	15	9,649
36	Painting, house, sign, etc	31	33,682	4,050	6,860	5,651	17,121	40	7	3,132	93	40,485
37	Patent medicines and compounds	9	405,701	15,934	43,619	57,455	288,693	7	33	34,056	87	34,419
38	Paving and paving materials	18	56,362	900	2,200	7,375	45,887	25	1	400	211	83,944
39	Photography	17	46,645	800	2,400	17,700	25,745	20	5	5,664	44	19,943
40	Plastering and stuccowork	3	1,355			630	725	5			3	1,560
41	Plumbing, and gas and steam fitting	20	87,193	4,900	4,400	8,362	69,531	29	9	3,998	128	67,948
42	Printing and publishing, book and job	22	1,062,657	1,500	5,000	737,436	318,721	24	20	21,530	244	88,739
43	Printing and publishing, newspapers and periodicals.	15	249,209			135,598	113,611	11	80	53,131	209	128,183
44	Saddlery and harness	21	76,332	9,200	8,000	3,040	56,092	22	3	3,000	41	18,373
45	Shirts	6	43,772			8,600	35,172	6	33	19,084	122	40,814
46	Tinsmithing, coppersmithing, and sheet-iron working.	31	137,833	25,884	51,090	15,886	44,973	42	5	2,550	77	37,144

BY SPECIFIED INDUSTRIES: 1900—Continued.

DETROIT—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
23	$7,788	51	$8,550			$5,980	$4,980	$380	$620		$138,431	$137,960	$471	$180,594	102
91	45,020	11	2,680			260,620	180	10,190	250,250		789,882	786,302	3,580	1,518,000	103
63	42,361	10	2,178	1	$306	16,860	12,727	140	2,231	$1,762	18,715	17,794	921	121,859	104
132	48,384	56	12,980	29	2,880	18,799	2,654	1,686	14,459		95,799	93,194	2,605	228,704	105
43	19,912					2,537	1,235	276	776	250	19,423	17,533	1,890	62,114	106
7,558	3,396,819	438	91,634	229	27,164	1,089,703	63,811	111,905	882,896	31,091	13,884,511	13,619,778	264,733	21,320,972	107

steel, bolts, nuts, washers, and rivets, 1; jewelry, 2; kaolin and other earth grinding, 1; lapidary work, 1; lasts, 1; lead, bar, pipe, and sheet, 1; leather goods, 2; leather, tanned, curried, and finished, 2; lime and cement, 2; lithographing and engraving, 2; millinery and lace goods, 1; mirrors, 2; mucilage and paste, 1; musical instruments and materials, not specified, 1; musical instruments, organs and materials, 2; musical instruments, pianos and materials, 2; needles and pins, 1; oilcloth, enameled, 1; paper goods, not elsewhere specified, 1; pens, gold, 1; pipes, tobacco, 2; pottery, terra cotta, and fire-clay products, 2; printing and publishing, music, 1; printing materials, 1; pulp goods, 2; refrigerators, 2; registers, cash, 2; safes and vaults, 1; salt, 1; sausage, 1; saws, 2; shipbuilding, iron and steel, 1; show cases, 2; smelting and refining, not from the ore, 2; sporting goods, 2; stamped ware, 1; steam packing, 2; stereotyping and electrotyping, 1; surgical appliances, 2; taxidermy, 2; tin and terne plate, 1; upholstering materials, 1; vinegar and cider, 1; washing machines and clothes wringers, 1; window shades, 2.

GRAND RAPIDS.

12,625	$5,518,660	1,613	$365,885	123	$20,125	$1,950,456	$162,152	$111,798	$1,538,536	$137,970	$12,348,978	$12,107,393	$241,585	$24,824,042	1
14	5,843					3,026	1,989	9	653	375	10,759	10,393	366	32,248	2
180	84,720	17	3,182			40,581	1,200	859	34,084	4,438	158,638	154,478	4,160	329,556	3
39	22,590					4,537	3,146	484	907		23,290	21,896	1,394	93,027	4
16	9,124	16	7,349			13,422	983	114	4,824	7,501	9,411	9,051	360	45,855	5
10	3,715					3,471	2,995	67	409		13,484	12,730	754	43,820	6
33	10,403			1	100	2,253	725	3	1,525		54,269	53,749	520	74,124	7
137	79,976	32	5,867			76,239	4,817	1,387	70,035		442,427	432,626	9,801	752,123	8
92	37,186	164	19,328			19,768	385	1,417	17,966		78,664	77,127	1,537	200,088	9
236	109,753					24,390	1,528	82	1,850	20,930	255,173	254,450	723	452,047	10
2	490	6	812			309	226	13	70		1,113	1,044	69	5,564	11
289	123,635					34,325	1,334	3,039	29,852	100	389,373	376,330	13,043	682,992	12
98	49,293	47	11,834	2	280	21,175	10,655	378	5,198	4,944	88,390	87,694	696	230,721	13
48	23,400	93	23,900			6,643	2,723	500	3,420		114,467	113,985	482	210,000	14
		90	18,415			2,154	1,880		274		38,163	37,938	225	71,855	15
71	28,486	55	13,086			24,023	7,630	728	15,665		241,210	238,600	2,610	361,971	16
73	26,110					1,478	63	405	1,010		66,988	66,238	750	103,900	17
5	2,860	11	1,500			1,135	480	280	375		2,892	2,516	376	13,000	18
26	13,765					4,022	1,392	130	2,500		33,964	33,870	94	66,781	19
92	44,924					65,432	125	4,651	60,656		1,618,049	1,603,822	14,227	1,886,283	20
861	379,945	9	2,000			124,788	9,596	6,820	102,272	6,100	494,224	467,487	26,737	1,240,690	21
6	3,732	24	6,576			4,270	2,764	71	1,435		27,850	27,750	100	49,490	22
13	6,086					1,729	1,239	8	482		8,835	8,589	246	24,051	23
6,126	2,560,145	44	10,572	66	10,950	433,016	13,598	45,957	373,461		3,344,888	3,278,278	66,610	7,494,607	24
33	15,690	93	17,910			5,200	648	250	4,302		64,690	63,460	1,230	164,500	25
109	44,201	144	35,133			36,703	1,370	965	29,633	4,735	315,982	308,033	7,949	483,058	26
101	46,324					24,697		1,919	22,778		562,548	562,198	350	697,525	27
7	3,928	1	172			785	516	76	193		1,625	1,420	205	12,338	28
13	6,632					3,644	2,078	241	1,325		17,308	17,041	267	40,000	29
240	126,575			15	3,910	30,674	520	4,487	25,667		230,488	230,488		538,632	30
245	115,727			10	1,200	40,000	300	3,171	36,529		595,472	593,319	2,153	865,930	31
167	73,194			2	200	44,898	190	29	2,458	42,221	158,020	157,920	100	344,704	32
4	2,265	114	35,548	4	360	27,051	14,849	1,061	11,141		131,392	130,708	684	215,025	33
7	3,920					1,068	360	15	693		4,500	4,365	135	20,000	34
15	9,649					1,435	1,000	74	361		11,790	11,287	503	35,892	35
93	40,485					4,224	1,839	167	1,511	707	31,384	31,145	239	106,664	36
54	26,148	33	8,271			113,655	1,670	1,741	110,029	215	164,649	161,787	2,862	424,917	37
211	83,944					2,403	170	42	1,691	500	139,611	139,013	598	284,218	38
28	14,547	16	5,396			7,619	4,727	143	2,749		29,846	28,176	1,670	88,968	39
3	1,560					201	56		145		2,483	2,470	13	6,825	40
127	67,827			1	121	12,882	4,384	466	7,882	150	115,047	114,552	495	254,430	41
187	75,358	55	13,137	2	244	26,651	9,597	801	14,827	1,426	84,609	80,859	3,750	278,431	42
193	122,237	12	5,496	4	450	52,335	5,646	677	38,607	7,405	87,077	80,746	6,331	400,910	43
41	18,373					5,584	2,884	548	2,152		83,146	81,713	1,433	139,170	44
28	17,310	94	23,504			14,649	1,648	127	6,874	6,000	45,688	44,913	775	145,054	45
77	37,144					6,635	3,293	662	2,620	60	64,521	63,670	851	147,300	46

TABLE 8.—MANUFACTURES IN CITIES

GRAND RAPIDS—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
47	Tobacco, cigars and cigarettes	36	$113,191	$2,000	$4,100	$2,923	$104,168	36	15	$9,092	226	$79,164
48	Tools, not elsewhere specified	4	5,707		300	1,198	4,209	2	1	300	5	2,138
49	Watch, clock, and jewelry repairing	20	14,873			4,838	10,035	19			20	12,334
50	Wood, turned and carved	12	218,121	18,396	46,200	73,508	80,017	10	22	22,160	272	109,240
51	All other industries[1]	86	5,723,009	494,603	827,701	2,590,010	1,810,695	91	255	250,141	2,111	835,772

[1] Embraces ammunition, 1; awnings, tents, and sails, 2; baking and yeast powders, 1; baskets, and rattan and willow ware, 1; belting and hose, leather, 2; boots and shoes, factory product, 2; bottling, 2; boxes, cigar, 1; boxes, fancy and paper, 1; brass castings and brass finishing, 1; brassware, 1; brick and tile, 2; carriage and wagon materials, 1; carriages and sleds, children's, 1; cars and general shop construction and repairs by steam railroad companies, 1; coffee and spice, roasting and grinding, 1; coffins, burial cases, and undertakers' goods, 1; corsets, 1; cutlery and edge tools, 1; electroplating, 2; engravers' materials, 1; fancy articles, not elsewhere specified, 1; flavoring extracts, 2; food preparations, 1; fruits and vegetables, canning and preserving, 1; gas, illuminating and heating, 1; grease and tallow, 1; hairwork, 1; hand stamps, 1; hardware, 1; hooks and eyes, 2; house furnishing goods, not elsewhere specified, 1; jewelry, 1; lime and

JACKSON.

1	All industries	291	$4,617,656	$273,428	$625,426	$920,187	$2,798,615	309	389	$362,462	4,206	$1,666,680
2	Bicycle and tricycle repairing	4	6,575	200	600	4,100	1,675	4	1	300	8	4,032
3	Blacksmithing and wheelwrighting	23	11,074	1,968	2,850	3,435	2,821	27			19	11,472
4	Boots and shoes, custom work and repairing.	14	2,982	50	435	1,500	997	14			8	1,103
5	Bread and other bakery products	12	100,062	6,125	23,200	50,682	20,055	10	4	2,621	38	18,291
6	Brooms and brushes	4	2,187	25	75	525	1,562	4			5	1,850
7	Carpentering	14	19,972	200	2,000	9,500	8,272	15			86	44,346
8	Carriage and wagon materials	3	281,082	1,500	13,986	52,529	213,067	1	16	18,235	391	154,950
9	Carriages and wagons	8	854,960	40,000	82,213	61,155	671,592	2	68	48,811	636	241,125
10	Clothing, men's, custom work and repairing.	14	22,453			2,325	20,128	15	1	400	41	20,040
11	Clothing, women's, dressmaking	7	1,950			725	1,225	7			26	5,202
12	Clothing, women's, factory product	6	205,911	2,000		41,374	162,537	6	44	56,973	413	128,109
13	Corsets	5	395,535	8,500	29,615	44,852	312,568	3	61	62,658	481	119,386
14	Dyeing and cleaning	3	3,940	1,000	2,000	850	90	3			3	750
15	Flouring and grist mill products	4	103,594	16,290	24,000	32,500	30,804	3	10	7,996	26	13,648
16	Foundry and machine shop products	11	334,674	46,100	70,200	79,084	139,290	12	30	29,570	185	87,555
17	Furniture, cabinetmaking, repairing, and upholstering.	5	3,025			1,400	1,625	7			9	4,551
18	Lumber, planing mill products, including sash, doors, and blinds.	4	98,650	7,100	23,900	33,825	33,825	5	7	4,836	55	30,742
19	Masonry, brick and stone	3	21,755	1,000	1,000	2,725	17,030	3	6	3,184	58	28,947
20	Millinery, custom work	17	43,026	1,600	3,000	2,375	36,051	22	1	624	53	14,077
21	Mineral and soda waters	3	18,500	5,000	7,000	3,500	3,000	3	2	716	6	2,984
22	Monuments and tombstones	3	35,732		300	5,309	30,123	3	2	1,200	46	18,450
23	Painting, house, sign, etc	13	6,220	500	500	3,330	1,890	14	1	500	55	26,597
24	Paving and paving materials	3	7,300	200	600	5,850	650	5			26	10,750
25	Photography	8	13,110			9,600	3,510	9			8	2,874
26	Plumbing, and gas and steam fitting	7	23,921	1,000	2,000	2,300	18,621	11	1	500	39	23,736
27	Printing and publishing, book and job	3	14,286			11,792	2,494	6			15	7,997
28	Printing and publishing, newspapers and periodicals.	6	73,361	5,000	9,000	31,302	28,059	4	25	17,216	54	30,071
29	Saddlery and harness	7	11,923			2,498	9,425	11	1	150	11	5,820
30	Tinsmithing, coppersmithing, and sheet-iron working.	14	13,150	300	450	4,275	8,125	21	1	260	30	16,879
31	Tobacco, cigars and cigarettes	7	16,087	1,100	2,325	486	12,176	11	1	250	25	8,429
32	Watch, clock, and jewelry repairing	8	5,715	500	1,000	2,500	1,715	9			9	4,075
33	All other industries[1]	48	1,864,944	126,170	323,177	411,984	1,003,613	39	106	105,462	1,347	577,842

[1] Embraces agricultural implements, 2; awnings, tents, and sails, 1; bags, paper, 1; bicycles and tricycles, 1; bookbinding and blank book making, 2; bottling, 2; boxes, fancy and paper, 1; carpets, rag, 1; cars and general shop construction and repairs by steam railroad companies, 2; coffins, burial cases, and undertakers' goods, 1; cooperage, 1; electrical construction and repairs, 1; electroplating, 1; fertilizers, 1; gas and oil stoves, 1; hairwork, 1; instruments, professional and scientific, 1; liquors, malt, 1; lock and gun smithing, 2; looking-glass and picture frames, 1; marble and stone work, 1; mattresses and spring beds, 1; mirrors, 1;

KALAMAZOO.

1	All industries	268	$5,796,195	$527,727	$578,947	$1,200,380	$3,489,141	279	513	$443,407	4,293	$1,617,299
2	Agricultural implements	6	154,567	11,500	19,500	23,703	99,864	9	36	22,441	38	18,053
3	Bicycle and tricycle repairing	3	3,410			1,410	2,000	3			7	3,476
4	Blacksmithing and wheelwrighting	21	9,275	1,000	1,950	2,270	4,055	25			13	6,644
5	Boots and shoes, custom work and repairing.	17	2,770		200	1,175	1,395	18			4	1,814
6	Bread and other bakery products	11	17,040	1,800	4,300	4,950	5,990	11	3	780	42	16,492
7	Carpentering	10	22,325	1,675	2,050	3,450	15,150	13			66	29,200
8	Carriage and wagon materials	4	192,858	7,000	29,343	44,636	111,879	4	6	1,961	237	71,873
9	Carriages and wagons	6	999,263	247,406	76,591	31,820	643,446	3	52	51,392	524	218,888
10	Clothing, men's, custom work and repairing.	6	16,450			750	15,700	7	2	2,260	44	23,164
11	Clothing, women's, dressmaking	10	1,970			640	1,330	10			38	7,870

BY SPECIFIED INDUSTRIES: 1900—Continued.

GRAND RAPIDS—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
102	$47,714	124	$31,450			$43,468	$4,819	$439	$38,210		$136,329	$135,710	$619	$304,739	47
5	2,138					1,045	222	11	812		1,578	1,508	70	6,792	48
20	12,334					5,980	4,926	211	843		8,354	8,178	176	36,117	49
272	109,240					12,301	1,178	1,356	9,767		96,602	90,673	5,929	344,728	50
1,776	768,015	319	65,447	16	$2,310	512,483	21,789	24,717	435,814	$30,163	1,647,718	1,591,400	56,318	3,972,382	51

cement, 1; liquors, malt, 2; lithographing and engraving, 1; marble and stone work, 2; mattresses and spring beds, 2; mirrors, 1; mucilage and paste, 1; musical instruments and materials, not specified, 1; musical instruments, pianos and materials, 1; paints, 1; paper hanging, 2; perfumery and cosmetics, 1; photolithographing and photoengraving, 1; plumbers' supplies, 1; printing and publishing, music, 1; refrigerators, 1; regalia and society banners and emblems, 1; roofing and roofing materials, 2; rubber and elastic goods, 1; sausage, 1; saws, 1; screws, wood, 1; ship and boat building, wooden, 2; show cases, 1; soap and candles, 2; stamped ware, 1; stationery goods, not elsewhere specified, 1; steam fittings and heating apparatus, 2; stencils and brands, 1; stereotyping and electrotyping, 1; surgical appliances, 1; trunks and valises, 2; umbrellas and canes, 1; upholstering materials, 2; wirework, including wire rope and cable, 1.

JACKSON.

2,914	$1,321,023	1,270	$342,211	22	$3,446	$480,757	$48,780	$22,448	$344,807	$64,722	$4,223,891	$4,106,325	$117,566	$7,587,526	1
8	4,032					1,124	732	47	345		2,472	2,074	398	13,300	2
19	11,472					2,248	1,961	46	241		11,124	10,177	947	40,772	3
3	1,103					807	746	2	59		5,103	5,000	103	12,782	4
31	16,710	7	1,581			8,745	1,816	567	6,362		68,191	65,830	2,361	135,365	5
5	1,850					151	140	4	7		5,191	5,128	63	10,975	6
86	44,346					7,442	607	79	756	6,000	122,874	122,152	722	194,465	7
387	154,113			4	837	15,201	3,195	818	11,188		297,462	289,486	7,976	528,042	8
620	234,953	16	6,172			57,185	2,378	4,838	42,664	7,305	814,175	798,687	15,488	1,308,958	9
23	13,411	18	6,629			3,700	2,578	81	1,041		21,146	20,917	229	59,789	10
		26	5,202			1,083	642		441		2,440	2,375	65	11,900	11
19	9,429	392	118,148	2	532	34,694	3,027	418	31,249		277,440	274,715	2,725	558,370	12
52	22,686	424	96,000	5	700	83,069	3,145	1,148	78,776		241,193	238,399	2,794	584,718	13
1	600	1	150			430	156	60	214		448	405	43	2,920	14
26	13,648					9,475	750	987	7,738		404,056	398,431	5,625	455,239	15
171	84,726	14	2,829			22,623	2,080	2,237	15,271	3,035	114,724	109,838	4,886	279,008	16
8	4,431	1	120			1,138	570	5	563		7,715	7,356	359	15,880	17
55	30,742					1,913	270	824	819		70,243	68,407	1,836	118,280	18
58	28,947					810		28	782		36,845	36,745	100	93,632	19
		53	14,077			9,131	5,191	248	3,692		49,883	49,534	349	86,321	20
6	2,984					834	120	295	419		5,766	5,591	175	18,669	21
46	18,450					11,558	421	110	1,027	10,000	19,505	18,955	550	55,080	22
55	26,597					1,414	795	10	609		14,929	14,739	190	60,400	23
26	10,750					734	150	64	520		32,336	32,186	150	52,950	24
2	791	6	2,083			2,489	1,693	33	763		5,909	5,610	299	18,845	25
39	23,736					2,149	1,446	74	629		42,744	42,549	195	77,840	26
13	7,477	2	520			1,091	848	38	205		5,677	5,206	471	21,935	27
48	28,667	4	1,204	2	200	13,716	1,606	455	10,224	1,431	21,835	20,641	1,194	94,979	28
11	5,820					1,435	1,206	5	224		11,577	11,543	34	26,605	29
30	16,879					2,588	1,871	87	430	200	33,429	33,167	262	70,060	30
18	7,552			7	877	8,436	396	99	7,941		16,572	16,356	216	41,312	31
9	4,075					1,148	736	30	382		2,512	2,475	37	12,375	32
1,039	490,046	306	87,496	2	300	172,196	7,508	8,711	119,226	36,751	1,458,375	1,391,651	66,724	2,525,760	33

models and patterns, 1; paper and wood pulp, 2; paper goods, not elsewhere specified, 1; patent medicines and compounds, 2; perfumery and cosmetics, 1; plastering and stuccowork, 1; pottery, terra cotta, and fire-clay products, 1; roofing and roofing materials, 1; shirts, 2; slaughtering, wholesale, not including meat packing, 1; soap and candles, 1; springs, steel, car and carriage, 1; starch, 1; tools, not elsewhere specified, 1; vinegar and cider, 1; wirework, including wire rope and cable, 2.

KALAMAZOO.

2,990	$1,324,700	1,267	$286,918	36	$5,681	$624,914	$49,238	$29,121	$459,287	$87,268	$4,257,010	$4,142,764	$114,246	$8,056,908	1
36	17,493	2	560			36,344	1,090	883	34,371		82,135	79,235	2,900	188,506	2
7	3,476					923	750	31	142		4,065	3,877	188	11,946	3
13	6,644					2,580	2,333	73	89	85	7,552	6,926	626	33,957	4
4	1,814					1,023	959		24	40	5,031	4,821	210	14,286	5
38	15,700	3	702	1	90	3,314	2,469	151	694		67,058	64,987	2,071	106,880	6
66	29,200					10,655	60	46	149	10,400	80,041	79,853	188	143,130	7
236	71,678			1	195	29,871	365	1,336	28,170		153,648	148,889	4,759	278,141	8
503	212,239	21	6,649			49,130	1,284	2,582	45,264		732,578	727,443	5,135	1,159,991	9
37	20,539	7	2,625			5,194	1,612	79	3,503		21,735	21,385	350	59,940	10
		38	7,370			1,132	961	11	160		4,306	4,105	201	17,805	11

TABLE 8.—MANUFACTURES IN CITIES

KALAMAZOO—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
12	Clothing, women's, factory product	8	$28,100			$5,500	$22,600	8	7	$4,160	72	$25,358
13	Flouring and grist mill products	5	36,759	$8,500	$3,950	13,425	10,884	5	5	2,992	10	5,329
14	Foundry and machine shop products	17	486,807	51,600	54,432	104,044	276,731	11	92	81,748	462	213,425
15	Furniture, factory product	4	7,575	50	2,400	2,700	2,425	4			10	5,282
16	Looking-glass and picture frames	3	4,614			250	4,364	4	4	1,000	6	3,472
17	Lumber, planing mill products, including sash, doors, and blinds.	5	224,975	38,265	29,350	29,822	127,538	5	18	14,368	218	91,180
18	Masonry, brick and stone	4	30,085	500	500	2,490	26,595	8			84	44,880
19	Millinery, custom work	8	17,387			160	17,227	9	8	2,242	34	9,805
20	Painting, house, sign, etc	13	8,326	1,050	900	1,416	4,960	17			27	13,094
21	Patent medicines and compounds	3	344,150	6,800	33,900	6,900	296,550	2	35	46,320	69	49,483
22	Paving and paving materials	3	1,075			125	950	4			6	1,680
23	Photography	6	3,875			1,875	2,000	6	1	416	8	3,052
24	Plumbing, and gas and steam fitting	5	20,250			3,850	16,400	5	6	2,266	24	12,870
25	Printing and publishing, book and job	10	203,239	6,000	17,000	82,230	98,009	15	26	14,114	158	55,738
26	Printing and publishing, newspapers and periodicals.	3	41,600	3,000	3,000	20,400	15,200	1	21	15,908	31	13,830
27	Saddlery and harness	5	10,590	2,000	2,000	440	6,150	5			4	2,160
28	Tinsmithing, coppersmithing, and sheet-iron working.	6	7,200			2,500	4,700	7	1	780	23	11,576
29	Tobacco, cigars and cigarettes	13	84,304	250	375	1,127	82,552	14	6	5,828	161	96,868
30	Watch, clock, and jewelry repairing	5	21,650	10,000	8,000	1,800	1,850	6			5	3,470
31	All other industries[1]	53	2,793,706	129,331	289,206	804,522	1,570,647	40	185	172,431	1,868	557,773

[1] Embraces awnings, tents, and sails, 1; bicycles and tricycles, 1; boxes, fancy and paper, 1; boxes, wooden packing, 1; brass castings and brass finishing, 2; brooms and brushes, 1; carpets, rag, 2; carriages and sleds, children's, 1; clothing, men's, factory product, 2; coffins, burial cases, and undertakers' goods, 1; confectionery, 2; cooperage, 1; corsets, 2; druggists' preparations, not including prescriptions, 1; dyeing and cleaning, 1; electrical construction and repairs, 1; electroplating, 1; engraving, wood, 1; food preparations, 1; fruits and vegetables, canning and preserving, 1; gas, illuminating and heating, 2; gloves and

MUSKEGON.

1	All industries	200	$4,602,390	$1,083,428	$444,264	$832,399	$2,242,299	203	172	$153,976	3,235	$1,185,697
2	Bicycle and tricycle repairing	3	3,125			2,700	425	4			4	1,560
3	Blacksmithing and wheelwrighting	16	12,508	2,975	4,450	2,605	2,478	17			11	4,953
4	Boots and shoes, custom work and repairing.	11	3,265	325	1,400	1,095	445	12			1	265
5	Bread and other bakery products	7	9,050	1,200	4,400	1,100	2,350	7			19	6,828
6	Carpentering	12	9,250	100	325	2,200	6,625	11			69	28,427
7	Clothing, men's, custom work and repairing.	10	16,570	5,000	3,000	1,110	7,460	14			31	12,664
8	Clothing, women's, dressmaking	12	10,025	2,000	6,500	1,320	205	15			45	9,376
9	Confectionery	4	17,602	200	400	2,725	14,277	5	2	3,328	22	7,341
10	Foundry and machine shop products	4	152,472	12,200	30,800	35,018	74,454	1	12	11,319	99	39,946
11	Furniture, factory product	4	272,605	4,500	37,850	47,835	182,420	1	12	9,840	262	93,384
12	Looking-glass and picture frames	5	1,878			398	1,480	7			3	678
13	Lumber and timber products	8	1,716,057	878,000	59,500	123,524	655,033	10	23	25,755	622	246,591
14	Lumber, planing mill products, including sash, doors, and blinds.	3	188,513	37,592	23,482	40,675	86,764	8	7	8,060	132	48,280
15	Masonry, brick and stone	4	5,080			650	4,430	5			60	25,618
16	Millinery, custom work	8	9,533	200	1,000	193	8,140	7	3	327	22	5,236
17	Painting, house, sign, etc	16	5,613	625	710	1,426	2,852	18	1	34	33	18,231
18	Photography	4	5,050	600	100	3,600	750	5			6	3,137
19	Plumbing, and gas and steam fitting	4	17,725			4,225	13,500	8	2	598	25	11,684
20	Printing and publishing, newspapers and periodicals.	4	14,783			9,750	5,033	7			35	17,181
21	Saddlery and harness	3	6,250	500	1,600	650	3,500	3			2	1,090
22	Tinsmithing, coppersmithing, and sheet-iron working.	5	6,667	1,000	1,000	1,395	3,272	1			9	5,321
23	Tobacco, cigars and cigarettes	11	20,949	3,600	3,700	1,055	12,594	12	2	1,000	40	15,324
24	Watch, clock, and jewelry repairing	7	4,534			2,175	2,359	5			4	2,034
25	All other industries[1]	35	2,093,286	132,811	264,047	544,975	1,151,453	30	108	93,715	1,678	580,548

[1] Embraces baskets, and rattan and willow ware, 1; bookbinding and blank book making, 1; bottling, 2; carpets, rag, 1; cars and general shop construction and repairs by steam railroad companies, 1; cars and general shop construction and repairs by street railroad companies, 1; cooperage, 1; dying and cleaning, 1; electrical construction and repairs, 1; electroplating, 1; flouring and grist mill products, 1; furniture, cabinetmaking, repairing, and upholstering, 2; gas, illuminating and heating, 1; hairwork, 2; hardware, 1; hosiery and knit goods, 2; iron and steel, 1; leather goods, 1; leather, tanned, curried, and finished, 1;

SAGINAW.

1	All industries	480	$7,558,806	$531,125	$917,919	$1,658,744	$4,451,018	505	394	$371,741	4,866	$1,936,558
2	Bicycle and tricycle repairing	7	6,445	100	200	2,370	3,775	8			12	4,159
3	Blacksmithing and wheelwrighting	30	45,895	12,490	16,425	5,810	11,170	34			22	9,870
4	Bookbinding and blank book making	3	6,794			4,700	2,094	3			11	3,175
5	Boots and shoes, custom work and repairing.	7	1,965		150	1,150	665	8			2	680
6	Bottling	15	21,296	3,450	6,200	2,943	8,703	17			16	5,936

BY SPECIFIED INDUSTRIES: 1900—Continued.

KALAMAZOO—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
9	$5,548	63	$19,810			$2,726	$830	$110	$1,786		$51,580	$51,130	$450	$112,050	12
10	5,329					1,385	280	530	575		110,968	109,418	1,550	131,703	13
462	213,425					43,516	2,792	2,876	37,848		301,569	290,956	10,613	751,771	14
10	5,282					865	640	50	175		5,352	5,172	180	15,400	15
6	3,472					1,035	814	40	181		4,804	4,739	65	13,564	16
188	86,180			30	$5,000	12,468	1,000	1,738	9,680	$50	244,020	241,170	2,850	401,261	17
84	44,880					75,095		10	85	75,000	73,420	73,360	60	226,975	18
		34	9,805			6,405	4,477	417	1,511		36,833	36,483	350	71,700	19
27	13,094					683	466	44	173		12,188	12,122	66	39,767	20
40	82,719	29	16,764			29,308	5	1,509	27,794		128,948	127,350	1,598	306,200	21
6	1,680					1,208				1,208	8,966	8,966		14,950	22
5	2,076	3	976			1,892	1,304	30	508	50	6,194	5,999	195	17,375	23
24	12,870					2,348	1,850	103	395		23,628	23,365	263	57,200	24
113	48,202	45	7,536			15,125	2,409	1,059	11,657		75,055	73,605	1,450	194,448	25
29	13,470	1	260	1	100	6,092	890	383	4,419	400	14,644	13,829	815	66,985	26
4	2,160					1,149	910	122	117		7,368	7,234	134	14,790	27
23	11,576					1,555	1,330	101	124		16,010	15,908	102	35,777	28
140	92,078	20	4,680	1	110	16,032	3,036	101	12,895		124,295	123,869	426	283,144	29
5	3,470					722	544	143	35		4,276	4,164	112	12,200	30
865	348,406	1,001	209,181	2	186	265,139	13,778	14,563	236,763	35	1,848,743	1,772,404	76,339	3,275,066	31

mittens, 1; leather, tanned, curried, and finished, 2; liquors, malt, 1; lock and gun smithing, 1; mattresses and spring beds, 1; mineral and soda waters, 1; monuments and tombstones, 1; oil, essential, 1; paints, 2; paper and wood pulp, 2; paper goods, not elsewhere specified, 1; photographic materials, 1; roofing and roofing materials, 1; rubber and elastic goods, 1; ship and boat building, wooden, 1; soap and candles, 1; sporting goods, 1; springs, steel, car and carriage, 2, stereotyping and electrotyping, 1; windmills, 1; window shades, 1; wood, turned and carved, 1.

MUSKEGON.

2,553	$1,057,066	560	$113,311	122	$15,320	$386,488	$16,687	$41,708	$315,531	$12,562	$2,631,279	$2,556,585	$74,694	$5,097,059	1
4	1,560					415	348		67		2,461	2,391	70	6,566	2
11	4,953					1,029	716	204	109		7,359	6,740	619	24,145	3
1	265					552	520	32			2,978	2,794	184	9,460	4
17	6,574	2	254			954	640	114	200		19,476	18,994	482	38,089	5
69	28,427					109	54	5	50		58,566	58,566		104,951	6
21	9,589	10	3,075			1,272	807	202	263		10,917	10,759	158	34,657	7
		45	9,376			518	292	142	84		2,210	1,918	292	22,183	8
12	4,934	10	2,407			1,677	804	155	718		37,853	37,372	481	56,205	9
99	39,946					5,811		2,120	3,691		57,522	52,047	5,475	127,441	10
248	92,006	2	500	13	878	13,718	1,086	2,163	10,469		119,436	114,652	4,784	267,644	11
2	510	1	168			984	720	32	232		2,292	2,204	88	6,400	12
622	246,591					98,878		19,523	74,955	4,400	605,834	605,834		1,223,918	13
127	47,380			5	900	7,231		1,389	5,842		58,743	58,713	30	134,041	14
60	25,618					351			351		53,989	53,989		107,838	15
		22	5,236			1,990	1,433	151	406		20,834	20,708	126	38,525	16
33	18,231					469	404	17	48		10,117	10,102	15	45,023	17
5	2,775	1	362			767	636	31	100		2,855	2,735	120	9,800	18
25	11,684					2,336	680	1,367	289		42,168	41,613	555	65,300	19
30	14,991	5	2,190			4,402	1,029	220	2,991	162	8,235	7,755	480	37,502	20
2	1,090					719	540	117	62		2,783	2,693	90	6,605	21
9	5,321					1,114	518	100	496		9,378	9,293	85	20,783	22
34	14,087	2	800	4	437	8,604	1,240	64	7,300		21,017	20,783	234	56,387	23
4	2,034					1,128	845	12	271		3,058	2,983	75	11,172	24
1,118	478,500	460	88,943	100	13,105	231,460	3,375	13,548	206,537	8,000	1,471,198	1,410,947	60,251	2,642,424	25

liquors, malt, 1; lock and gun smithing, 1; monuments and tombstones, 1; musical instruments, pianos and materials, 1; paving and paving materials, 1; plastering and stuccowork, 1; plumbers' supplies, 1; printing and publishing, book and job, 2; saws, 1; sewing machine repairing, 1; stationery goods, not elsewhere specified, 1.

SAGINAW.

4,288	$1,823,485	547	$107,505	31	$5,568	$594,269	$51,166	$42,825	$479,746	$20,532	$5,816,237	$5,711,066	$105,171	$10,034,499	1
12	4,159					1,485	1,058	167	260		9,214	8,838	376	18,400	2
21	9,770			1	100	3,402	1,416	999	987		14,337	12,979	1,358	55,174	3
4	2,000	7	1,175			524	340	8	176		1,250	1,230	20	10,045	4
2	680					575	564		11		2,323	2,303	20	6,615	5
16	6,936					2,430	731	218	1,486		20,924	20,751	173	36,599	6

TABLE 8.—MANUFACTURES IN CITIES

SAGINAW—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES AND VILLAGES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
7	Bread and other bakery products	15	$41,340	$8,300	$19,500	$8,535	$5,005	15	1	$260	31	$13,477
8	Carpentering	24	38,350	5,000	10,710	5,080	17,560	25			88	49,075
9	Carriages and wagons	11	114,169	5,700	22,063	16,281	70,125	10	15	8,700	58	26,924
10	Clothing, men's, custom work and repairing.	21	41,190	1,600	4,500	2,880	32,210	25	1	800	81	39,571
11	Clothing, women's, dressmaking	26	6,433	200	500	2,928	2,805	26	2	1,500	127	21,343
12	Confectionery	4	8,850			3,600	5,250	4	4	560	20	5,712
13	Cooperage	7	216,665	41,304	20,522	65,321	89,518	8	5	4,520	204	69,203
14	Flouring and grist mill products	4	194,700	19,000	48,500	64,200	63,000	4	11	9,000	35	19,664
15	Foundry and machine shop products	10	1,093,773	48,116	102,785	252,846	690,026	7	70	88,721	575	285,750
16	Fur goods	3	8,018	200	200	643	6,975	5			10	2,794
17	Furniture, cabinetmaking, repairing, and upholstering.	11	24,385	275	1,000	5,790	17,320	11	5	363	7	2,525
18	Furniture, factory product	4	92,077	2,000	15,000	14,561	60,516	5	6	6,000	92	36,187
19	Liquors, malt	5	271,208	20,700	65,000	70,518	114,990	4	11	13,960	45	26,809
20	Looking-glass and picture frames	4	3,725		200	425	3,100	3			5	1,980
21	Lumber and timber products	8	965,816	85,450	57,100	109,650	713,616	10	29	25,759	388	159,899
22	Lumber, planing mill products, including sash, doors, and blinds.	10	1,465,959	58,180	116,370	110,837	1,180,572	10	56	56,746	576	210,267
23	Masonry, brick and stone	13	7,110	900	2,550	1,185	2,475	14			81	38,770
24	Millinery, custom work	14	34,145	1,500	7,000	1,970	23,675	16	10	3,522	56	13,037
25	Mineral and soda waters	3	12,650	500	1,000	8,800	2,350	4			8	4,436
26	Painting, house, sign, etc	21	33,770	3,200	7,475	4,340	18,755	22	7	2,782	84	37,874
27	Patent medicines and compounds	4	3,592	400	1,400	252	1,540	5			5	500
28	Paving and paving materials	10	37,002	2,200	3,100	9,382	22,320	15	3	3,000	68	31,138
29	Photography	12	9,860		750	8,050	1,060	14			8	2,450
30	Plumbing, and gas and steam fitting	11	29,937	650	1,750	3,910	23,627	14	3	1,440	43	23,302
31	Printing and publishing, book and job	11	106,717	2,500	17,596	63,774	22,847	16	2	1,100	57	23,527
32	Printing and publishing, newspapers and periodicals.	8	68,783	500	1,500	40,524	26,259	5	27	26,530	64	38,912
33	Saddlery and harness	11	18,944	1,800	750	7,925	8,469	10	1	600	52	22,446
34	Salt	10	181,569	47,789	42,900	41,000	49,880	6	8	4,840	68	31,662
35	Tinsmithing, coppersmithing, and sheet-iron working.	18	81,840	3,400	7,500	7,750	13,190	20	3	4,436	42	18,418
36	Tobacco, cigars and cigarettes	19	56,510	2,005	3,650	1,848	49,007	20	3	2,000	117	50,332
37	Tools, not elsewhere specified	3	114,524	2,250	18,200	30,710	63,364	4	14	14,507	145	47,577
38	Watch, clock, and jewelry repairing	15	4,675	100	200	2,900	1,475	16			12	5,726
39	All other industries[1]	68	2,138,125	149,366	293,673	673,356	1,021,730	62	97	90,595	1,551	550,451

[1] Embraces agricultural implements, 2; awnings, tents, and sails, 2; baking and yeast powders, 1; baskets, and rattan and willow ware, 1; boxes, fancy and paper, 1; boxes, wooden packing, 2; brick and tile, 1; bridges, 1; brooms and brushes, 1; carpets, rag, 2; cars and general shop construction and repairs by steam railroad companies, 1; cars and general shop construction and repairs by street railroad companies, 1; chemicals, 1; china decorating, 2; clothing, men's, factory product, 1; clothing, women's, factory product, 2; dyeing and cleaning, 2; electrical construction and repairs, 1; electroplating, 2; engraving, wood, 1; fancy articles, not elsewhere specified, 1; gas, illuminating and heating, 2; graphite and graphite refining, 1; hairwork, 2; hand stamps, 1; hardware, 1; house furnishing

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and villages	4,393	$65,566,769	$9,674,136	$8,207,354	$13,982,463	$33,702,816	4,861	3,067	$2,555,181	37,529	$15,813,871
2	Adrian	166	1,756,050	117,561	278,002	400,371	960,116	191	196	129,328	1,151	499,879
3	Albion	61	1,420,593	35,982	166,643	276,447	941,521	70	85	67,447	520	221,913
4	Allegan	54	193,453	29,185	30,595	51,360	82,313	66	9	5,166	184	65,371
5	Alpena	98	2,585,476	251,307	328,646	613,235	1,392,288	120	60	48,351	1,004	420,334
6	Ann Arbor	231	1,304,694	125,153	213,073	379,714	586,754	273	88	56,297	1,187	462,181
7	Au Sable	5	9,380	2,655	1,150	3,575	2,000	6	2	2,700	38	17,700
8	Battle Creek	177	7,354,492	322,031	634,529	808,225	5,589,707	190	448	409,557	2,323	1,079,934
9	Benton Harbor	89	1,215,244	69,656	163,256	524,691	457,641	98	58	47,550	700	247,166
10	Bessemer	27	87,975	2,700	6,800	10,400	68,075	25	8	9,000	43	23,992
11	Big Rapids	59	554,666	52,877	99,524	135,108	267,157	64	22	17,848	454	180,285
12	Cadillac	63	2,553,064	862,073	91,043	330,432	1,269,516	86	34	28,853	788	362,660
13	Charlotte	65	360,900	18,895	51,925	116,314	173,766	82	43	23,363	327	120,069
14	Cheboygan	61	1,845,540	143,502	179,482	347,997	1,174,559	69	38	40,549	665	280,188
15	Chelsea	40	207,550	14,200	30,100	50,050	113,200	47	26	13,254	188	70,415
16	Coldwater	119	1,925,720	261,227	283,661	972,348	408,484	132	72	71,428	846	324,389
17	Dowagiac	71	1,215,933	29,550	54,690	77,594	1,054,099	81	73	55,316	667	333,495
18	East Tawas	23	193,176	28,325	24,450	34,270	106,131	24	10	3,800	71	25,636
19	Eaton Rapids	40	124,037	8,325	26,028	42,120	47,564	44	4	2,379	90	30,232
20	Flint	154	2,605,428	134,046	211,460	375,822	1,884,100	174	93	74,220	2,186	895,186
21	Grand Haven	56	576,910	43,350	104,082	152,854	276,624	64	23	15,324	533	194,473
22	Greenville	90	542,117	51,767	60,385	87,047	342,918	107	39	41,832	388	170,356
23	Hastings	57	350,792	7,650	40,594	80,018	222,530	66	14	12,935	347	125,772
24	Hillsdale	88	606,278	38,238	93,212	165,129	309,699	96	33	28,555	332	152,337
25	Hudson	74	395,090	21,546	43,765	90,197	239,582	85	28	18,105	227	106,360
26	Ironwood	47	163,090	30,235	20,000	33,875	78,980	52	2	1,720	134	66,288
27	Ishpeming	55	192,887	13,200	29,800	53,537	96,350	60	5	6,600	191	97,256
28	Lansing	164	2,018,219	129,229	291,740	570,375	1,026,875	188	176	138,613	1,575	647,788
29	Ludington	61	1,852,865	513,150	142,900	333,180	863,635	56	30	32,195	763	350,674
30	Manistee	140	5,608,707	2,055,805	625,423	930,553	1,996,926	133	105	99,194	1,745	772,354
31	Marine City	38	249,362	16,975	74,000	77,370	81,017	44	9	5,620	148	69,582

BY SPECIFIED INDUSTRIES: 1900—Continued.

SAGINAW—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
27	$12,555	4	$922			$4,388	$795	$674	$2,919		$41,973	$40,385	$1,588	$74,230	7
88	49,075					2,401	314	378	1,009	$700	69,488	69,013	475	151,475	8
58	26,924					15,295	912	818	12,865	700	48,920	46,535	2,385	140,861	9
71	36,655	8	2,591	2	$325	7,549	4,495	127	2,927		47,652	47,499	153	126,680	10
1	600	125	20,623	1	120	3,116	2,805	7	304		24,660	24,359	301	68,100	11
10	4,399	10	1,313			1,055	791	24	240		17,528	17,210	318	33,500	12
193	66,499			11	2,704	8,253	190	1,328	6,735		120,987	120,887	100	224,179	13
35	19,664					7,475		1,275	6,200		345,953	341,023	4,930	412,962	14
572	285,266			8	484	100,815	350	5,413	85,052	10,000	721,305	698,935	22,370	1,256,183	15
3	850	7	1,944			1,033	780	96	157		5,132	5,102	30	20,530	16
7	2,525					1,313	617	115	581		6,335	5,910	425	16,164	17
90	35,667	2	520			7,212	1,460	840	5,412		58,738	57,540	1,198	131,280	18
45	26,809					82,565	2,000	2,318	78,247		42,281	37,410	4,871	206,155	19
2	1,030	3	950			1,154	405	31	718		3,810	3,785	25	8,175	20
388	159,899					32,589	1,120	7,928	23,541		457,965	457,965		799,228	21
574	209,467	2	800			54,613	300	5,720	48,593		1,430,691	1,427,646	3,045	1,848,233	22
81	38,770					1,249	100	40	509	600	118,868	118,793	75	184,200	23
		55	12,929	1	108	7,933	5,850	300	1,783		39,088	38,778	310	82,377	24
8	4,436					1,475	298	84	1,093		5,256	4,986	270	14,976	25
83	37,724			1	150	4,526	2,584	309	1,633		48,953	48,783	170	116,287	26
				5	500	3,470	170	50	3,250		5,937	5,882	55	15,918	27
65	31,138					3,529	120	172	2,637	600	95,032	94,732	300	147,073	28
6	1,900	2	550			2,366	1,866	62	438		6,333	6,253	80	21,245	29
42	23,052	1	250			3,265	1,956	132	1,177		58,594	58,402	192	106,706	30
45	21,263	12	2,264			6,237	2,025	892	3,320		27,096	25,413	1,683	81,078	31
59	37,466	3	1,196	2	250	16,494	2,295	280	9,169	4,750	20,044	18,981	1,063	136,003	32
51	22,164			1	282	3,817	1,794	133	1,631	259	74,650	74,170	480	117,974	33
67	31,487			1	175	6,348		2,487	3,861		70,413	47,194	23,219	146,623	34
41	18,175			1	243	2,732	1,729	184	819		41,670	41,203	467	85,819	35
92	45,632	24	4,573	1	127	30,136	1,733	114	27,939	350	59,533	59,147	386	177,787	36
105	39,077	40	8,500			12,927	560	320	12,047		75,469	73,959	1,510	186,346	37
11	5,576	1	150			1,043	871	25	147		3,129	3,075	54	18,059	38
1,310	504,196	241	46,255			147,480	5,772	9,262	129,873	2,573	1,574,706	1,544,010	30,696	2,751,260	39

goods, not elsewhere specified, 1; leather, tanned, curried, and finished, 1; lime and cement, 1; lock and gun smithing, 2; marble and stone work, 2; monuments and tombstones, 1; musical instruments and materials, not specified, 2; musical instruments, organs and materials, 1; musical instruments, pianos and materials, 1; paper hanging, 2; photolithographing and photoengraving, 1; pickles, preserves, and sauces, 1; plastering and stuccowork, 2; pumps, not including steam pumps, 1; roofing and roofing materials, 2; sausage, 1; saws, 1; ship and boat building, wooden, 1; shirts, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 1; surgical appliances, 1; taxidermy, 1; toys and games, 1; wood, turned and carved, 1; woodenware, not elsewhere specified, 1.

VILLAGES UNDER 20,000 IN POPULATION: 1900.

32,834	$14,759,078	4,341	$1,002,847	354	$51,946	$5,790,973	$396,806	$490,869	$4,530,553	$372,745	$42,158,867	$41,244,365	$914,502	$79,867,977	1
974	464,979	166	33,197	11	1,703	164,186	14,219	8,050	127,305	14,612	1,041,707	1,018,662	23,045	2,424,678	2
491	215,892	26	5,587	8	434	118,988	5,591	6,210	106,800	387	503,879	493,367	10,512	1,080,426	3
161	61,160	23	4,211			15,195	2,963	2,548	9,651	33	218,375	207,935	10,440	363,278	4
935	406,158	52	11,903	17	2,273	126,462	6,953	16,024	103,485		1,476,613	1,443,121	33,492	2,445,896	5
941	407,762	239	53,536	7	883	209,967	24,271	7,679	76,461	101,556	1,238,260	1,214,663	23,597	2,340,138	6
35	17,150	3	550			621	70	353	198		25,644	25,469	175	57,725	7
1,953	989,991	363	88,634	7	1,309	1,467,100	22,759	26,312	1,404,049	13,980	2,351,015	2,296,231	54,784	6,753,208	8
587	224,047	101	22,011	12	1,108	65,208	8,000	4,659	46,349	6,200	737,546	721,449	16,097	1,269,243	9
40	23,452	2	440	1	100	6,552	2,233	316	4,003		70,659	68,358	2,301	141,466	10
429	175,116	24	5,049	1	120	32,699	3,539	4,698	24,094	368	401,545	398,859	2,686	761,634	11
738	351,135	44	10,403	6	1,122	104,501	4,368	34,024	66,109		1,364,339	1,360,471	3,868	2,164,787	12
274	108,155	53	11,914			23,351	4,620	2,742	13,989	2,000	285,638	279,869	5,769	528,317	13
646	276,065	16	3,329	3	794	118,522	5,434	11,981	101,107		1,054,867	1,046,138	8,729	1,730,843	14
171	67,120	15	3,000	2	295	8,705	1,543	932	6,230		123,785	120,118	3,667	293,452	15
695	294,992	142	27,921	9	1,476	104,750	9,136	5,194	90,305	115	1,200,058	1,178,280	21,778	1,935,543	16
639	326,741	26	6,430	2	324	103,828	4,506	4,638	94,684		601,115	589,069	12,046	1,389,216	17
58	23,152	11	2,385	2	99	14,758	794	1,873	11,408	683	61,713	59,848	1,865	170,310	18
61	23,925	29	6,307			8,418	3,267	777	4,374		156,541	154,293	2,248	246,919	19
1,918	826,621	259	67,560	9	1,005	262,543	19,177	12,127	183,314	47,925	3,006,436	2,969,865	36,571	5,198,827	20
466	181,261	37	11,449	30	1,763	49,427	2,242	6,301	39,939	945	417,929	406,137	11,792	826,165	21
346	162,966	40	7,065	2	325	82,346	3,684	3,956	51,307	23,399	452,764	449,345	3,419	851,688	22
269	105,769	78	20,003			37,413	6,545	1,677	29,191		382,962	370,122	12,840	691,046	23
237	120,421	93	31,291	2	625	27,701	6,100	2,245	18,806	550	1,047,550	1,031,070	16,480	1,384,462	24
206	101,025	21	5,335			29,077	3,429	1,199	23,139	1,310	311,418	307,047	4,371	610,152	25
118	63,908	16	2,380			8,371	4,173	1,494	2,704		103,224	100,895	2,329	250,463	26
165	90,844	24	6,190	2	222	17,540	8,044	816	8,580	100	186,010	182,213	3,797	404,916	27
1,358	592,250	212	54,753	5	785	188,327	28,182	12,232	136,282	11,631	1,364,831	1,333,108	31,723	2,827,842	28
674	332,653	71	16,216	18	1,805	83,810	4,210	18,990	50,959	9,651	1,188,854	1,146,677	42,177	2,188,412	29
1,637	749,652	76	16,763	32	5,939	265,974	9,926	97,484	154,990	3,574	1,840,630	1,807,968	32,662	3,886,420	30
141	67,832	7	1,750			14,847	3,680	2,112	8,555	500	173,740	155,039	18,701	298,537	31

TABLE 9.—MANUFACTURES IN CITIES AND

	Cities and villages.	Number of establishments.	Capital.					Proprietors and firm members.	Salaried officials, clerks, etc.		Average number of wage-earners and total wages.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
32	Marquette	78	$1,565,390	$420,012	$214,277	$289,648	$641,453	87	61	$71,416	645	$344,930
33	Marshall	86	461,692	53,250	111,486	117,739	179,217	97	100	37,940	336	144,280
34	Menominee	90	5,451,446	1,683,550	413,541	715,250	2,639,105	83	93	133,565	1,968	912,016
35	Monroe	86	374,889	20,954	56,842	105,664	191,429	97	32	17,317	372	139,505
36	Mt. Clemens	78	403,273	57,580	84,440	101,335	159,918	92	20	13,394	328	130,212
37	Mt. Pleasant	58	242,593	20,175	32,332	85,321	104,765	51	17	15,716	262	90,626
38	Negaunee	32	68,467	7,700	22,877	12,335	25,555	34	2	480	68	35,874
39	Niles	78	901,507	137,300	157,750	324,590	281,867	73	34	26,218	620	223,603
40	Otsego	28	531,776	21,775	94,365	108,435	307,201	27	24	19,886	458	143,282
41	Owosso	111	1,685,715	91,134	285,103	257,509	1,051,969	114	81	85,323	1,260	513,275
42	Pontiac	106	1,393,867	75,185	180,248	264,676	873,758	114	110	79,726	1,315	512,161
43	Port Huron	186	3,301,954	290,975	620,807	836,645	1,553,527	189	227	143,447	2,417	1,119,320
44	Reed City	55	272,790	28,035	32,165	88,299	124,291	69	6	4,095	260	103,051
45	St. Clair	36	395,180	47,400	70,732	93,025	184,023	37	23	17,615	238	101,995
46	St. Johns	59	476,258	23,670	78,500	135,263	238,825	63	11	13,535	295	95,469
47	St. Joseph	75	954,419	64,218	107,938	284,289	497,974	81	84	82,058	933	353,591
48	St. Louis	37	60,040	16,050	11,750	15,625	16,615	42	2	1,216	47	16,306
49	Sault Ste. Marie	84	723,936	313,106	49,475	157,255	204,100	102	38	22,913	472	262,582
50	Sturgis	56	337,252	13,985	54,040	59,902	209,325	66	15	13,726	323	120,507
51	Tawas City	11	161,715	14,350	40,750	42,840	63,775	17	7	5,222	108	48,440
52	Tecumseh	61	264,815	33,050	68,850	57,060	105,855	65	12	7,640	293	123,348
53	Three Rivers	67	561,558	49,035	138,500	140,009	234,014	66	31	33,536	491	201,498
54	Traverse City	80	1,004,531	177,411	137,801	256,408	432,911	94	53	44,900	878	374,396
55	West Bay City	121	2,323,910	450,575	473,175	882,914	517,246	124	56	66,024	2,153	868,504
56	Wyandotte	50	679,947	63,816	118,031	138,396	359,704	63	31	36,555	493	187,822
57	Ypsilanti	110	898,161	69,450	150,621	287,823	390,267	121	64	54,619	681	233,013

VILLAGES UNDER 20,000 IN POPULATION: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
604	$330,384	41	$14,546			$186,411	$11,437	$6,797	$149,951	$18,226	$1,128,736	$1,058,598	$70,138	$2,005,486	32
276	130,793	59	13,331	1	$156	135,842	5,553	3,294	124,995	2,000	322,695	315,547	7,148	820,254	33
1,895	894,372	63	15,844	10	1,800	287,816	10,218	62,450	214,698	450	2,615,528	2,601,404	14,124	4,685,324	34
338	134,583	29	4,082	5	840	40,001	6,880	2,445	30,376	300	324,186	313,733	10,453	632,495	35
312	126,723	14	3,196	2	293	48,410	7,803	2,164	38,247	196	220,980	213,743	7,237	533,207	36
245	87,291	17	3,335			18,178	3,254	3,241	11,533	150	187,163	185,488	1,675	389,916	37
56	32,790	10	2,784	2	300	5,583	2,506	415	1,542	1,120	57,417	55,734	1,683	143,432	38
502	201,259	117	22,144	1	200	29,273	4,618	6,270	18,210	175	731,415	690,322	41,093	1,183,793	39
319	115,841	139	27,441			56,385	918	6,595	23,306	25,566	358,713	332,731	25,982	663,451	40
1,121	485,455	104	22,937	35	4,883	118,087	9,707	8,767	99,613		1,380,506	1,361,734	18,772	2,265,498	41
1,132	474,814	180	36,807	3	540	96,587	9,975	7,933	75,279	3,400	1,754,582	1,730,262	24,270	2,793,499	42
2,177	1,063,513	225	54,219	15	1,588	249,995	28,711	11,933	199,006	10,345	2,078,896	2,016,258	62,638	4,298,743	43
235	97,313	18	4,192	7	1,546	30,567	2,476	2,093	15,998	10,000	291,488	288,662	2,826	536,451	44
194	92,240	42	9,455	2	300	21,354	1,035	2,782	17,537		279,689	252,676	27,013	515,968	45
267	89,332	27	6,037	1	100	27,507	3,488	3,020	18,299	2,700	304,482	296,231	8,251	539,252	46
682	290,112	234	60,291	17	3,188	73,343	6,145	4,311	61,387	1,500	606,969	588,179	18,790	1,308,277	47
39	15,111	6	1,039	2	156	4,183	1,477	890	1,816		94,818	93,345	1,473	149,854	48
415	247,924	54	14,194	5	464	56,234	10,883	3,525	41,826		491,004	486,043	4,961	1,166,700	49
307	117,812	16	2,695			14,401	2,762	1,565	9,974	100	233,542	227,573	5,969	478,093	50
107	48,240	1	200			3,513	229	675	2,609		95,173	93,274	1,899	173,715	51
264	117,042	28	6,162	1	144	24,863	2,292	1,475	17,696	8,400	190,394	184,380	6,014	429,085	52
454	193,509	37	7,989			49,347	7,526	5,624	34,166	2,031	828,266	806,386	21,880	1,238,245	53
734	338,319	127	32,956	17	3,121	53,601	9,248	8,115	35,238	1,000	629,634	622,045	7,589	1,362,860	54
2,069	851,582	48	10,544	36	6,378	214,327	9,757	24,737	146,133	33,700	2,294,668	2,262,768	31,900	3,763,522	55
360	160,244	122	26,138	11	1,440	88,743	2,762	3,272	74,342	8,367	542,419	517,856	24,563	956,055	56
367	170,286	314	62,727			95,235	11,488	6,838	68,409	8,500	725,907	713,707	12,200	1,318,793	57

MINNESOTA.

Table 1 shows the statistics of the manufacturing and mechanical industries of the state of Minnesota as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	11,114	7,505	3,493	2,270	562	5	48.1	114.9	53.9	303.9	11,140.0
Capital	$165,832,246	$127,686,618	$31,004,811	$11,993,729	$2,388,310	$94,000	29.9	311.8	158.5	402.2	2,440.8
Salaried officials, clerks, etc., number	7,319	[1] 9,839	(2)	(2)	(2)	(2)	[3] 25.6	-------	-------	-------	-------
Salaries	$6,554,424	[1] $7,818,116	(2)	(2)	(2)	(2)	[3] 16.2	-------	-------	-------	-------
Wage-earners, average number	77,234	69,790	21,247	11,290	2,123	63	10.7	228.5	88.2	431.8	3,269.8
Total wages	$35,484,825	$30,371,123	$8,613,094	$4,052,837	$712,214	$18,540	16.8	252.6	112.5	469.0	3,741.5
Men, 16 years and over	66,889	63,522	18,937	10,892	2,104	(2)	5.3	235.4	73.9	417.7	-------
Wages	$32,905,947	$28,689,508	(2)	(2)	(2)	(2)	14.7	-------	-------	-------	-------
Women, 16 years and over	9,553	5,508	1,636	259	19	(2)	73.4	236.7	531.7	1,263.2	-------
Wages	$2,451,400	$1,583,443	(2)	(2)	(2)	(2)	54.8	-------	-------	-------	-------
Children, under 16 years	792	760	674	139	(2)	(2)	4.2	12.8	384.9	-------	-------
Wages	$127,478	$98,172	(2)	(2)	(2)	(2)	29.9	-------	-------	-------	-------
Miscellaneous expenses	$13,273,648	$12,136,612	(4)	(4)	(4)	(4)	9.4	-------	-------	-------	-------
Cost of materials used	$173,425,615	$118,481,941	$55,660,681	$13,842,902	$1,904,070	$24,300	46.4	112.9	302.1	627.0	7,735.7
Value of products, including custom work and repairing	$262,655,881	$192,033,478	$76,065,198	$23,110,700	$3,373,172	$58,300	36.8	152.5	229.1	585.1	5,685.9
Total population	[5] 1,741,986	1,301,826	780,773	439,706	172,023	6,077	33.8	66.7	77.6	155.6	2,730.7
Wage-earners engaged in manufactures	77,234	69,790	21,247	11,290	2,123	63	10.7	228.5	88.2	431.8	3,269.8
Per cent of total population	4.4	5.4	2.7	2.6	1.2	1.0	-------	-------	-------	-------	-------
Assessed value of real estate	[6] $492,275,174	$496,558,366	$203,446,781	$62,079,587	$25,291,771	$97,363	[3] 0.9	144.1	227.7	145.5	25,876.8
Value of land and buildings invested in manufactures [7]	$49,399,090	$39,900,494	(2)	(2)	(2)	(2)	23.8	-------	-------	-------	-------
Per cent of assessed value	10.0	8.0	-------	-------	-------	-------	-------	-------	-------	-------	-------

[1] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[2] Not reported separately.
[3] Decrease.
[4] Not reported.
[5] Exclusive of 9,408 Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[6] As given for the year 1899, in the Legislative Manual, State of Minnesota, 1901, page 601.
[7] Does not include value of rented property.

Table 1 shows that there has been a steady growth in the manufacturing and mechanical industries of Minnesota during the half century. The population during these years increased from 6,077 to 1,741,986, while the average number of wage-earners employed in manufacturing establishments increased from 63 to 77,234, embracing, in 1900, 4.4 per cent of the entire population, compared with 1 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 113,509, or 6.5 per cent of the total population of the state. The greatest absolute increase in the value of products, $115,968,280, is shown for the decade ending with the year 1890.

The development of Minnesota's manufactures is due in part to its native forests of white and Norway pine and to its fertile valleys for the growing of grain; to its water-power; to cheap transportation by way of the Great Lakes; to the early construction of railroads connecting the state with the agricultural sections of the West and Southwest, and with the great centers of population of the East and South; to its geographical position; and to its corporation laws.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for educational, eleemosynary, and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	13,021	$167,342,210	14,365	77,896	$35,517,803	$13,330,926	$174,021,253	$96,553,401	$72,519,524	$4,948,328	$263,670,586
Hand trades[1]	5,138	9,193,847	5,905	15,032	7,372,128	2,043,700	13,892,022	346,819	13,066,566	478,637	29,806,800
Educational, eleemosynary, and penal institutions	5	664,730	.....	16	4,440	3,006	434,417	396,952	33,627	3,838	522,436
Establishments with a product of less than $500	1,899	845,234	2,112	646	28,538	54,272	161,221	17,070	144,151	.....	492,269
All other establishments	5,976	156,638,399	6,348	62,202	28,112,697	11,229,948	159,533,593	95,792,560	59,275,180	4,465,853	232,849,081

[1] Includes bicycle and tricycle repairing, 200; blacksmithing and wheelwrighting, 1,362; boots and shoes, custom work and repairing, 468; carpentering, 454; clothing, men's, custom work and repairing, 525; clothing, women's, dressmaking, 494; dyeing and cleaning, 23; furniture, cabinetmaking, repairing, and upholstering, 152; lock and gun smithing, 32; masonry, brick and stone, 155; millinery, custom work, 370; painting, house, sign, etc., 287; paper hanging, 34; plastering and stuccowork, 54; plumbing, and gas and steam fitting, 194; sewing machine repairing, 5; taxidermy, 8; typewriter repairing, 6; watch, clock, and jewelry repairing, 315.

Of the 13,021 establishments of all classes shown in this table, 7,037, or 54 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $30,299,069, or only 11.5 per cent of the total value of the products of the state.

In addition to the 13,021 active establishments in the state during the census year, with a capital of $167,342,210, shown in Table 2, there were 59 idle establishments, with a capital of $4,296,797, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Agricultural implements	1	$1,909,812	Ironwork, architectural and ornamental	1	$500,000
Boots and shoes, factory product	1	6,900	Liquors, distilled	1	125,000
Brick and tile	14	207,800	Lumber and timber products	8	19,750
Cheese, butter, and condensed milk, factory product	18	43,660	Oil, linseed	1	15,000
Flouring and grist mill products	4	13,540	All other industries	8	5,559
Iron and steel	2	1,449,776			

TABLE 3.—COMPARATIVE SUMMARY OF ELEVEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	2,500	$110,654,790	35,862	$17,528,938	$7,253,986	$130,594,541	$177,172,025
	1890	1,405	80,149,167	30,334	11,820,227	5,667,915	80,491,966	111,052,701
Increase, 1890 to 1900	.....	1,095	30,505,623	5,528	5,708,711	1,586,071	50,102,575	66,119,324
Per cent of increase	.....	77.9	38.1	18.2	48.3	28.0	62.2	59.5
Per cent of total of all industries in state	1900	22.5	66.7	46.4	49.4	54.6	75.3	67.5
	1890	18.7	62.8	43.5	38.9	46.7	67.9	57.8
Boots and shoes, factory product	1900	16	2,237,540	2,025	719,231	151,042	2,378,156	3,615,801
	1890	8	1,794,711	1,099	524,978	99,962	1,090,722	2,032,814
Cars and general shop construction and repairs by steam railroad companies.	1900	39	4,933,805	4,700	2,599,387	95,561	3,380,441	6,319,876
	1890	18	2,926,860	1,951	1,219,325	.....	1,305,136	2,628,174
Cheese, butter, and condensed milk, factory product	1900	596	2,264,956	740	398,224	102,096	7,188,711	8,479,896
	1890	106	606,184	783	353,701	50,849	2,168,307	2,958,476
Flouring and grist mill products	1900	512	24,125,781	4,086	2,383,836	1,300,270	74,509,733	83,877,709
	1890	307	19,518,743	3,509	1,748,115	1,712,017	52,383,867	60,158,088
Foundry and machine shop products	1900	175	4,267,322	3,139	1,512,579	306,025	2,753,777	5,975,077
	1890	92	2,403,725	1,289	795,575	140,618	1,080,332	2,835,024
Liquors, malt	1900	78	8,539,722	856	417,832	1,996,040	867,901	4,456,928
	1890	66	3,625,239	548	295,956	526,786	751,907	2,206,366
Lumber and timber products	1900	438	52,095,923	15,140	7,140,571	1,782,489	26,047,781	43,585,161
	1890	392	39,442,925	16,170	4,155,522	1,916,798	15,170,349	25,075,132
Lumber, planing mill products, including sash, doors, and blinds	1900	61	2,489,374	1,639	667,091	133,850	2,619,848	3,988,276
	1890	54	4,379,061	2,530	1,335,242	201,324	2,566,791	4,943,451
Oil, linseed	1900	5	1,963,231	155	81,981	76,474	2,951,004	3,272,598
	1890	3	1,017,114	90	41,738	67,152	1,140,450	1,547,719
Printing and publishing, newspapers and periodicals	1900	560	6,382,125	2,714	1,304,229	1,219,343	1,073,934	5,790,148
	1890	341	3,693,259	2,143	1,230,284	891,956	771,151	4,157,026
Slaughtering: Total	1900	20	1,355,011	668	303,977	90,796	6,823,255	7,810,555
	1890	18	741,346	222	119,792	60,453	2,062,954	2,510,431
Slaughtering and meat packing, wholesale	1900	13	1,211,086	627	280,463	79,062	5,956,371	6,803,112
	1890	13	696,746	202	107,984	56,350	1,557,171	1,926,137
Slaughtering, wholesale, not including meat packing	1900	7	143,925	41	23,514	11,734	866,884	1,007,443
	1890	5	44,600	20	11,808	4,103	505,783	584,294

The 11 leading industries of the state in 1900, as shown in Table 3, embraced 2,500 establishments, or 22.5 per cent of the total number in the state; used a capital of $110,654,790, or 66.7 per cent of the total; gave employment to 35,862 wage-earners, or 46.4 per cent of the total number; and paid $17,528,938, or 49.4 per cent of the total wages. The value of their products was $177,172,025, or 67.5 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

Table 3 shows that flour and grist milling is the most important industry in the state. The 512 establishments reported in 1900 gave employment to 4,086 wage-earners, or 5.3 per cent of the wage-earners employed in the state, and their products were valued at $83,877,709, or 31.9 per cent of the total value of the products of the state. In 1890 there were 307 establishments, 3,509 wage-earners, and products valued at $60,158,088. The increase in the value of products during the decade was $23,719,621, or 39.4 per cent. This is a greater absolute increase than is shown for any other industry.

In 1900 Minnesota had 11 per cent of the total capital invested in the manufacture of flouring and grist mill products in the United States, and led the states in this regard. In 1890 this percentage was 9.4, New York and Pennsylvania preceding in the order named. The value of the products of the Minnesota mills in 1900 was 15 per cent of the total value of the flouring and grist mill products of the United States. In 1890 this percentage was 11.7. In 1900 no other state approached Minnesota's total, New York, the second in rank, having a value aggregating a little more than one-half.

The first manufactory established in Minnesota was a sawmill, constructed in 1821 for the use of the United States garrison at Fort Snelling.[1] It stood upon the west side of the falls of St. Anthony, in what is now a part of the city of Minneapolis. In 1823 it was fitted up for grinding flour, at an expense of $270.33 for the millstones and the cost of transporting them from St. Louis. The labor of erecting this mill and placing the stones in position was performed by the garrison, with no additional outlay. From this beginning have developed two of the greatest manufactures of the state—the milling of flour and grist and the sawing of lumber and timber. These, with the manufacture of planing mill products, furnished a trifle over one-half of the value of the manufactured products of the state in 1900.

The development of the flour and grist milling industry was very slow. For a long time little faith was placed in the future of Minnesota agriculture, and for many years the state did not raise sufficient wheat to feed its own population.[2] The second gristmill was erected in 1843, but, like the one built twenty years before, it had no bolting apparatus. The first bolting cloth was introduced in 1846 by Mr. Samuel Bowles, a miller in Washington county. The development began about 1858, in which year the first considerable shipments of wheat were made to other states. Wheat raising was stimulated by the high price which prevailed during the early sixties. The wheat then raised in Minnesota was the same variety as is now grown in that state, and was known as spring wheat. By the methods of milling in general use prior to 1870, the hard outer covering of this wheat was more or less pulverized, and passed through the bolting cloth with the flour. As a result, the flour made from spring wheat was darker than that made from winter wheat, and made a darker bread, while the fine particles of bran mixed with the flour attracted moisture in hot or damp climates, so that the flour soon spoiled. Therefore, it could not be readily exported. For these reasons its value was considerably less than that of flour manufactured from winter wheat. In the markets of Chicago and Buffalo 5 bushels of spring wheat seldom sold for as much as 4 bushels of winter wheat of the same general grade.[3]

Prior to 1870 practically all of the flour of the world was made by what is now known as the old process of low grinding, in which the upper millstone was set low, or very close to the lower, and the wheat was reduced to flour by one operation. Between 1870 and 1890 this method of making flour gave place to what is usually called the new process of milling, or the manufacture of flour by medium high grinding. This, in turn, gave way to the use of rollers.

The new process of making flour was introduced into the United States by Mr. N. La Croix, a French millwright who settled at Faribault, Minn., about 1860.[4] It attracted little attention until after the destruction by flood of his small mill, when he removed to Minneapolis and entered the service of Mr. Christian, who at once adopted his method. Other millers of that city soon followed, and thereafter the growth of the milling industry was phenomenal. The mills attracted the wheat of the state to the village by the Falls of St. Anthony, and in a few years, with the accompanying stimulus to other trades and industries, created a flourishing city. The new process spread over the United States and attracted the attention of the world. Large quantities of flour were exported, whereas previously very little had found a foreign market, the exports of breadstuffs being chiefly in the shape of grain.

Briefly outlined, the new process as introduced consisted of reducing grain to flour by two or more successive and distinct grindings. As a result of the first grinding, the grain was reduced to small particles or granules. The resulting chop, as it is called, was passed through the bolting apparatus and separated into its component parts, flour, middlings, and bran. The flour thus obtained was of an inferior grade. The middlings, containing the more valuable portion of the wheat, were reground on separate stones. Later, rollers were substituted for stones, but the

[1] Report of the Minnesota Bureau of Labor Statistics, 1891-1892, page 165.
[2] Ibid., page 166.
[3] Report of the Minnesota Bureau of Labor Statistics, 1891-1892, pages 190 to 221.
[4] Ibid., page 172.

principle governing their use remains substantially the same as in the system of high grinding with stones. It is the gradual reduction of the grain to flour by a number of distinct processes, instead of by one grinding, as was the time-honored custom. By this system the bran is removed as completely from spring wheat flour as from flour made from winter wheat. With this change, spring wheat flour at once began to sell for a higher price than flour made from winter wheat, for it was richer in gluten and otherwise more valuable. The relative prices which the two kinds of wheat had commanded were reversed. The average price of Minnesota wheat advanced to from 20 to 30 cents a bushel above the price of wheat grown in most other states. This advance was shared by the wheat growers of the Dakotas and northern Wisconsin; hence the rapid development of that section under the stimulus of the new process of milling. The millers of Minneapolis obtained their power from the Falls of St. Anthony, and found markets for their products at a profit not realized by the flour makers of any other section. The increase in the number of mills during the past decade has been principally outside of Minneapolis. However, the mills of that city have, by the introduction of new and improved milling machinery, greatly increased their capacity.

The manufacture of lumber and timber products ranks second among the industries of the state, with 438 establishments, 15,140 wage-earners, and products valued at $43,585,161. In 1890 there were 392 establishments, 16,170 wage-earners, and products valued at $25,075,132. The increase in the value of products during the decade was $18,510,029, or 73.8 per cent. This industry was started in 1821, two years before the milling industry began. It led the latter industry until La Croix's invention stimulated the production of wheat in the Northwest and advanced milling to the foremost place among the manufacturing industries of Minnesota. Minnesota is one of the leading lumber-producing states of the nation, its characteristic products being white and Norway pine. Within its borders the state now includes, in all probability, a greater quantity of merchantable forest pine than any other state. The timber country is studded with innumerable small lakes and streams, many of them connected with the St. Louis and Cloquet rivers, or with Lake Superior. The Minnesota lumber mills are also reached by large rafts of logs from the northern aud southern shores of Lake Superior. In 1900 the quantity of lumber sawed in the state, including custom sawing but not including lath, shingles, etc., was 2,342,338,000 feet; in Minneapolis, the great center of lumber manufacture in the state, it was 623,000,000 feet.

There were 596 establishments engaged in the factory manufacture of cheese, butter, and condensed milk, the industry third in rank, with 740 wage-earners, and products valued at $8,479,896. In 1890 there were 106 establishments, 783 wage-earners, and products valued at $2,958,476. The increase in the value of products during the decade was $5,521,420, or 186.6 per cent. One of the features of the revolution in Minnesota agriculture in the past thirty years is the development of the dairy industry. This growth has been accompanied, in the last twenty years, by a marked increase of cheese, butter, and condensed milk factories, which in 1880 numbered only 27, with a capital of $71,149, and products valued at $62,094. This increase marks the growth of dairying on farms, and the substitution of a system of diversified farming for the old single-crop husbandry. The great value of the products reflects the fact that Minnesota butter, like Minnesota flour, is an important adjunct to the prosperity of the farmers and the development of the state.

There were 20 establishments engaged in slaughtering and meat packing in 1900, with 668 wage-earners, and products valued at $7,810,555. In 1890 there were 18 establishments, 222 wage-earners, and products valued at $2,510,431. The increase in the value of products during the decade was $5,300,124, or 211.1 per cent. The slaughtering industry has shown even greater development in the last decade than the making of butter and cheese in factories. Its development is due in part to the factors that have contributed to the growth of the dairy industry, and in part to the favorable location of St. Paul and Minneapolis with reference to the slaughtering of cattle from the great ranges of the far West.

There were 39 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 4,700 wage-earners, and products valued at $6,319,876. In 1890 there were 18 establishments, 1,951 wage-earners, and products valued at $2,628,174. The increase in the value of products during the decade was $3,691,702, or 140.5 per cent. The marked increase in this industry is a result of the growth of the state's commercial cities, which are the centers of numerous and rapidly developing lines of railroads.

There were 175 establishments engaged in the manufacture of foundry and machine shop products in 1900, with 3,139 wage-earners, and products valued at $5,975,077. In 1890 there were 92 establishments, 1,289 wage-earners, and products valued at $2,835,024. The increase in the value of products during the decade was $3,140,053, or 110.8 per cent. Few industries in the state show a greater progress than this. The increased use of iron and steel in all industries, and the transportation facilities of the 3 leading cities of Minnesota, contributed to its rapid and continuous growth. Minnesota has vast deposits of red hematite. Only one state in the Union mined more iron ore in 1899 than Minnesota, and yet very little has ever been smelted within the state, because there are no coal and limestone deposits in proximity to the ore.

There were 560 establishments engaged in the printing and publishing of newspapers and periodicals in 1900, with 2,714 wage-earners, and products valued at $5,790,148. In 1890 there were 341 establishments, 2,143 wage-earners, and products valued at $4,157,026. The increase in the value of products during the decade was $1,633,122, or 39.3 per cent. The growth of the 3 commercial cities, Duluth, Minneapolis, and St. Paul, has been attended by a natural development of the newspaper business in these cities and also in the minor cities of the state.

There were 78 establishments engaged in the manufacture of malt liquors in 1900, with 856 wage-earners, and products valued at $4,456,928. In 1890 there were 66 establishments, 548 wage-earners, and products valued at $2,206,366. The increase in the value of products during the decade was $2,250,562, or 102 per cent.

There were 61 establishments engaged in the manufacture of planing mill products, including sash, doors, and blinds, in 1900, with 1,639 wage-earners, and products valued at $3,988,276. In 1890 there were 54 establishments, 2,530 wage-earners, and products valued at $4,943,451. The decrease in the value of products during the decade was $955,175, or 19.3 per cent.

There were 16 establishments engaged in the manufacture of boots and shoes, factory product, with 2,025 wage-earners, and products valued at $3,615,801. In 1890 there were 8 establishments, 1,099 wage-earners, and products valued at $2,032,814. The increase in the value of products during the decade was $1,582,987, or 77.9 per cent. When, in the decade 1870–1880, the shoemaking industries, centralized in Massachusetts, began to develop in other sections, Minnesota profited by the change, and in 1880 had 5 factories. The facilities furnished by the manufacturing centers of Minnesota for securing raw materials at a low cost for transportation, and the natural advantages of the same centers for marketing the goods in flourishing agricultural communities, have assisted in this development.

There were 5 establishments engaged in the manufacture of linseed oil in 1900, with 155 wage-earners, and products valued at $3,272,598. In 1890 there were 3 establishments, 90 wage-earners, and products valued at $1,547,719. The increase in the value of products during the decade was $1,724,879, or 111.4 per cent. The stimulus given to agriculture by the introduction of the new process of milling wheat has been followed, in many parts of the state, by a radical revolution in the methods of agriculture, which is reflected in manufactures. Flaxseed has been found most profitable when rotated with other cereals, and its cultivation has led to the establishment of linseed-oil mills at the centers of wheat milling.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Duluth, Minneapolis, and St. Paul, as returned at the censuses of 1890 and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, DULUTH, MINNEAPOLIS, AND ST. PAUL, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
The State	1900	11,114	$165,832,246	77,234	$35,484,825	$13,273,648	$173,425,615	$262,655,881
	1890	7,505	127,686,618	69,790	30,371,123	12,136,612	118,481,941	192,033,478
Per cent of increase		48.1	29.9	10.7	16.8	9.4	46.4	36.8
Duluth	1900	433	8,872,940	3,998	2,145,444	572,266	5,861,499	10,628,957
	1890	278	5,332,447	3,315	1,750,577	412,496	5,435,654	8,811,723
Per cent of increase		55.8	66.4	20.6	22.6	38.7	7.8	20.6
Minneapolis	1900	2,368	57,708,204	26,608	12,708,523	5,237,162	78,175,735	110,943,043
	1890	2,723	42,643,764	23,703	11,674,553	3,682,928	54,592,210	82,922,974
Per cent of increase		[1] 13.0	35.3	12.3	8.9	42.2	43.2	33.8
St. Paul	1900	1,591	28,208,389	17,593	7,669,805	3,668,047	19,464,570	38,541,030
	1890	1,442	22,501,211	16,279	8,394,550	1,740,518	15,867,573	33,035,073
Per cent of increase		10.3	25.4	8.1	[1] 8.6	110.7	22.7	16.7
Total for 3 cities	1900	4,392	94,789,533	48,199	22,523,772	9,477,475	103,501,804	160,113,030
	1890	4,443	70,477,422	43,297	21,819,680	5,835,942	75,895,437	124,769,770
Per cent of increase		[1] 1.1	34.5	11.3	3.2	62.4	36.4	28.3
Per cent of 3 cities to total for state	1900	39.5	57.2	62.4	63.5	71.4	59.7	61.0
	1890	59.2	55.2	62.0	71.8	48.1	64.1	65.0

[1] Decrease.

It appears from Table 4 that there has been an increase during the past decade in the manufactures of the 3 principal cities of the state. Although the number of establishments decreased from 4,443 to 4,392, or 1.1 per cent, the average number of wage-earners increased from 43,297 to 48,199, or 11.3 per cent, and the value of products from $124,769,770 to $160,113,030, or 28.3 per cent.

In Minneapolis, the leading manufacturing city in the state, the number of establishments decreased from 2,723 to 2,368, or 13 per cent, but the number of wage-earners increased from 23,703 to 26,608, or 12.3 per cent, and the value of products from $82,922,974 to $110,943,043, or 33.8 per cent. The number of establishments, number of wage-earners, and value of products in this city in 1900 constituted 21.3, 34.5, and 42.2 per cent, respectively, of the totals for the state. Minneapolis leads in two of the most important manufacturing industries of the state, the manufacture of flour and grist mill products, and the manufacture of lumber and timber products. It was in these industries that the city found the first important factors in its development. Minneapolis holds a prominent position also in the manufacture of foundry and machine shop products, malt liquors, and linseed oil.

In St. Paul the number of establishments increased from 1,442 to 1,591, or 10.3 per cent; the number of wage-earners from 16,279 to 17,593, or 8.1 per cent; and the value of products from $33,035,073 to $38,541,030, or 16.7 per cent. St. Paul early became the principal northwestern depot of the Hudson Bay Fur Company, and from that beginning it has developed into an important fur manufacturing center. It also leads the cities of the state in the factory manufacture of boots and shoes, and of men's clothing; in the printing and publishing of newspapers and periodicals; and in railroad repair shop work.

Duluth made the greatest gains in number of establishments, capital, number of wage-earners, and wages. The city is an important center for the manufacture of lumber. In 1900 the quantity sawed in Duluth was 305,000,000 feet, the product of what is known as the Duluth district being much larger.

Table 5 presents the totals for the manufacturing industries of the 27 cities and villages withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and villages, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	PRODUCTS. Value.	PRODUCTS. Rank.	PRODUCTS. Per cent of total.	POPULATION. Total.	POPULATION. Rank.	POPULATION. Per cent of total.
Total for state	11,114	$165,832,246	12,253	77,234	$35,484,825	$13,273,648	$173,425,615	$262,655,881	-------	100.0	[1] 1,741,986	-------	100.0
Total for urban manufactures	6,112	125,497,831	6,836	61,880	28,490,929	11,389,763	134,007,167	205,170,094	-------	78.1	564,487	-------	32.4
Albert Lea	83	466,426	98	336	146,104	28,777	402,032	750,100	23	0.3	4,500	18	0.3
Anoka	47	620,833	57	291	123,908	56,246	1,451,288	1,847,812	14	0.7	3,769	21	0.2
Austin	69	469,671	85	265	107,206	26,065	474,286	757,455	22	0.3	5,474	15	0.3
Brainerd	54	1,924,045	62	989	528,012	102,130	1,112,037	1,943,962	12	0.7	7,524	10	0.4
Crookston	60	761,047	67	349	191,410	59,071	635,330	1,102,064	16	0.4	5,359	17	0.3
Duluth	433	8,872,940	478	3,998	2,145,444	572,266	5,861,499	10,628,957	8	4.0	52,969	3	3.0
Faribault	102	880,867	123	482	222,234	47,852	2,014,715	2,687,312	7	1.0	7,868	8	0.5
Fergus Falls	91	429,254	108	264	114,367	43,892	685,883	1,062,397	17	0.4	6,072	12	0.4
Hastings	59	238,372	65	172	70,764	36,872	1,024,625	1,270,209	15	0.5	3,811	20	0.2
Little Falls	52	2,508,745	53	603	264,555	93,261	1,416,892	2,139,427	10	0.8	5,774	13	0.3
Mankato	135	1,371,907	162	583	242,742	87,620	1,513,182	2,242,000	9	0.9	10,599	6	0.6
Minneapolis	2,368	57,708,204	2,603	26,608	12,708,523	5,237,162	78,175,735	110,943,043	1	42.2	202,718	1	11.6
Moorhead	23	134,034	24	77	39,010	9,525	372,341	490,243	27	0.2	3,730	22	0.2
New Ulm	90	1,097,616	111	423	183,987	128,660	1,706,462	2,328,347	8	0.9	5,403	16	0.3
Owatonna	82	434,260	97	257	108,935	34,582	486,828	788,927	20	0.3	5,561	14	0.3
Red Wing	79	1,657,336	84	765	297,140	109,907	1,383,140	2,120,303	11	0.8	7,525	9	0.4
Rochester	116	471,994	144	331	125,891	65,489	386,215	728,166	24	0.3	6,843	11	0.4
St. Cloud	96	789,946	112	650	343,062	63,422	1,229,824	1,895,202	13	0.7	8,663	7	0.5
St. Louis Park	6	1,228,875	6	224	133,660	28,601	271,292	606,736	25	0.2	1,325	27	0.1
St. Paul	1,591	28,208,389	1,747	17,593	7,669,805	3,668,047	19,464,570	38,541,030	2	14.7	163,065	2	9.4
St. Peter	61	374,760	74	199	77,085	34,815	274,104	509,471	26	0.2	4,302	19	0.3
South St. Paul	11	927,504	6	573	262,485	61,437	5,168,573	5,714,757	5	2.2	2,322	25	0.1
Stillwater	114	5,451,915	128	2,803	1,122,330	203,523	2,508,559	4,904,792	6	1.9	12,318	5	0.7
Wabasha	44	349,984	52	83	39,449	35,646	581,886	761,165	21	0.3	2,528	24	0.2
Waseca	69	260,614	92	172	83,292	15,749	767,954	976,007	18	0.4	3,103	23	0.2
West Minneapolis	15	1,665,907	16	476	211,129	134,959	345,070	853,828	19	0.3	1,648	26	0.1
Winona	162	6,192,386	182	2,214	928,400	404,187	4,292,845	6,576,382	4	2.5	19,714	4	1.1
Total for state exclusive of urban manufactures	5,002	40,334,415	5,417	15,354	6,993,896	1,883,885	39,418,448	57,485,787	-------	21.9	1,177,499	-------	67.6
Per cent of urban manufactures to total for state	55.0	75.7	55.8	80.1	80.3	85.8	77.3	78.1	-------	-------	32.4	-------	-------

[1] Exclusive of 9,408 Indians and other persons on Indian reservations, which classes were not included at previous censuses.

Of the 11,114 establishments in the state, 6,112, or 55 per cent, were located in these 27 cities and villages. They furnished employment to 61,880 wage-earners, or 80.1 per cent of the total for the state; and the value of their products, $205,170,094, formed 78.1 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Duluth, Minneapolis, and St. Paul by specified industries.

Table 9 shows the totals for all industries in the cities and villages withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

	COUNTIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	11,114	$165,832,246	$29,548,954	$19,850,136	$37,953,943	$78,479,213	12,253	7,319	$6,554,424	77,234	$35,484,825
2	Aitkin	25	321,523	127,845	12,475	53,696	127,507	32	3	1,574	130	63,337
3	Anoka	58	1,235,894	62,345	153,877	322,909	696,763	62	29	29,791	590	236,485
4	Becker	42	443,038	52,555	40,065	132,100	218,318	51	9	8,945	167	74,630
5	Beltrami	53	391,014	75,767	16,775	125,325	173,147	77	13	8,430	339	126,997
6	Benton	30	370,017	47,700	30,555	84,525	207,237	33	14	8,632	214	103,685
7	Bigstone	51	141,594	12,000	25,000	52,360	52,234	59	3	2,100	88	41,769
8	Blue Earth	234	1,959,638	322,455	339,339	581,593	716,251	265	137	114,779	1,318	487,470
9	Brown	170	1,838,700	97,910	550,520	479,572	710,698	185	60	67,979	679	298,726
10	Carlton	23	5,890,086	3,519,577	164,593	646,053	1,559,863	19	50	66,979	1,051	491,607
11	Carver	98	381,856	39,040	84,714	137,438	120,664	121	9	2,072	160	64,553
12	Cass	23	2,559,174	672,095	109,230	328,796	1,449,053	30	19	36,965	639	464,461
13	Chippewa	58	183,719	17,120	43,480	55,085	68,034	62	9	5,990	87	38,186
14	Chisago	64	297,116	30,386	74,238	84,079	108,413	69	15	5,840	107	44,468
15	Clay	73	271,121	28,395	57,245	118,056	67,325	80	12	9,033	202	110,291
16	Cook	5	40,207	1,600	3,250	7,100	28,257	3	3	950	117	60,750
17	Cottonwood	32	143,835	10,570	30,765	61,970	40,530	31	9	3,385	38	16,680
18	Crow Wing	68	2,034,144	214,000	221,320	460,811	1,138,013	78	58	63,688	1,205	594,130
19	Dakota	110	1,378,695	34,270	222,475	190,323	931,627	116	110	93,550	864	389,624
20	Dodge	67	200,593	22,315	43,035	71,175	64,068	69	9	3,380	102	45,227
21	Douglas	88	370,670	42,485	96,236	111,722	120,227	96	11	8,405	151	57,998
22	Faribault	108	604,462	35,102	128,977	185,572	254,811	99	43	25,857	213	96,437
23	Fillmore	205	526,363	51,231	127,965	152,935	194,232	237	14	6,345	240	89,318
24	Freeborn	157	662,182	78,530	134,855	185,412	263,385	152	44	18,829	416	182,763
25	Goodhue	192	1,970,308	174,141	409,694	408,072	978,401	202	91	86,384	917	358,106
26	Grant	29	76,969	4,310	20,365	26,745	25,549	29	------	------	23	8,548
27	Hennepin	2,463	60,734,343	8,515,563	7,220,973	14,256,080	30,741,727	2,697	2,735	2,570,218	27,367	13,081,514
28	Houston	75	216,790	29,050	77,585	67,350	42,805	91	4	1,380	64	23,184
29	Hubbard	34	1,672,536	994,670	40,105	131,390	506,371	37	24	26,080	458	196,855
30	Isanti	39	120,930	5,235	27,425	47,355	40,915	34	7	1,645	47	20,693
31	Itasca	32	312,704	13,320	7,120	176,040	116,224	36	9	7,290	434	212,761
32	Jackson	68	188,477	14,745	43,277	74,741	55,714	70	10	1,085	61	26,689
33	Kanabec	19	55,345	5,260	6,105	23,315	20,665	29	1	159	27	10,370
34	Kandiyohi	82	271,972	29,655	57,011	100,665	84,641	78	19	4,457	129	60,313
35	Kittson	18	56,345	6,800	10,030	14,660	24,855	25	------	------	12	5,039
36	Lac qui Parle	62	139,954	12,425	27,757	54,649	45,123	75	5	1,600	84	15,994
37	Lake	5	2,010,782	968,300	365,450	224,698	452,334	2	14	10,630	415	209,686
38	Lesueur	122	721,647	67,890	145,943	210,158	297,656	134	31	38,621	252	126,607
39	Lincoln	20	63,280	7,540	16,000	21,585	18,155	23	------	------	14	6,720
40	Lyon	82	282,609	25,360	45,350	84,339	127,560	94	8	5,860	161	67,264
41	McLeod	138	422,558	37,277	92,320	140,210	152,751	154	12	3,532	185	66,364
42	Marshall	49	186,290	15,811	35,079	48,198	87,202	54	4	3,400	50	23,097
43	Martin	84	279,284	39,336	64,669	87,783	87,496	78	21	4,242	160	65,085
44	Meeker	98	278,173	25,170	63,574	101,767	87,662	97	12	2,150	138	53,287
45	Millelacs	49	1,419,524	562,145	37,730	126,372	693,277	54	15	15,050	259	142,680
46	Morrison	102	2,662,284	1,392,740	136,780	274,341	858,423	112	32	41,705	663	288,149
47	Mower	146	651,295	56,130	184,286	165,684	245,195	167	30	15,661	341	141,906
48	Murray	55	145,556	17,755	32,975	46,748	48,078	60	3	737	57	27,236
49	Nicollet	100	493,836	50,795	107,713	115,105	220,223	109	21	11,856	265	100,825
50	Nobles	56	138,088	15,774	37,490	42,160	42,664	66	1	900	61	24,093
51	Norman	44	197,444	12,389	26,227	52,371	106,457	48	6	3,460	59	28,630
52	Olmsted	181	623,444	57,755	117,071	185,613	263,005	208	26	12,731	418	163,863
53	Ottertail	188	753,068	63,695	157,230	236,523	295,620	222	23	22,313	374	157,519
54	Pine	42	1,236,243	284,550	78,845	226,829	646,019	53	28	26,785	358	166,573
55	Pipestone	51	119,920	11,950	27,160	41,000	39,810	67	6	2,425	73	31,358
56	Polk	122	1,230,365	132,100	193,712	296,594	607,959	128	45	35,770	536	282,248
57	Pope	30	59,404	2,672	13,735	26,485	16,512	34	------	------	15	6,260
58	Ramsey	1,605	28,890,285	2,178,917	3,859,616	8,375,263	14,476,489	1,757	2,326	2,054,400	18,065	7,878,578
59	Red Lake	43	1,744,097	879,125	59,810	209,595	595,697	44	24	24,410	342	171,695
60	Redwood	85	216,830	18,660	48,653	87,946	61,571	91	9	2,564	73	31,979
61	Renville	95	346,516	21,654	70,825	141,619	112,418	104	19	7,548	96	41,319
62	Rice	198	1,144,731	109,835	229,119	373,327	432,450	223	84	62,866	614	274,910
63	Rock	31	93,506	6,133	26,115	32,180	29,078	34	2	3,000	43	15,474
64	Roseau	19	45,778	3,255	4,972	29,816	7,735	32	1	420	23	9,945
65	St. Louis	504	11,699,793	3,714,112	900,322	2,381,144	4,704,215	539	321	324,381	6,044	3,116,993
66	Scott	101	572,333	56,067	142,800	175,978	197,488	116	23	19,396	280	110,255
67	Sherburne	29	144,910	16,110	22,000	40,425	66,375	27	4	3,940	72	26,798
68	Sibley	73	244,300	22,660	61,325	82,710	77,605	80	9	2,894	84	35,624
69	Stearns	283	1,626,361	176,360	305,590	476,019	668,392	323	80	57,229	1,042	503,530
70	Steele	118	568,999	61,640	110,725	154,656	241,978	116	39	22,354	310	136,111
71	Stevens	17	55,487	3,925	8,500	24,740	18,322	21	1	120	28	12,617
72	Swift	76	246,196	21,465	48,000	80,360	96,371	83	7	3,915	93	37,929
73	Todd	45	193,626	33,945	35,315	75,240	49,126	51	------	------	79	26,016
74	Traverse	45	113,740	12,915	20,475	30,265	50,085	52	3	2,370	38	20,873
75	Wabasha	153	744,853	48,670	95,632	158,366	442,185	184	17	12,364	286	122,811
76	Wadena	53	174,382	13,020	23,800	64,014	73,548	65	1	1,200	63	25,500
77	Waseca	124	624,667	28,845	94,667	178,350	322,805	188	35	24,174	246	125,593
78	Washington	157	6,977,224	1,842,963	241,778	734,099	4,158,384	168	147	166,274	3,045	1,231,915
79	Watonwan	75	245,755	11,405	44,400	82,900	107,050	89	14	5,804	129	57,310

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
66,889	$32,905,947	9,553	$2,451,400	792	$127,478	$13,273,648	$1,554,035	$846,570	$9,128,314	$1,744,729	$173,425,615	$170,851,640	$2,573,975	$262,655,881	1
128	63,019	2	318	------	------	9,383	896	2,038	6,349	100	109,751	108,696	1,055	252,106	2
553	227,995	37	8,490	------	------	108,569	4,993	6,446	83,170	13,960	1,962,934	1,871,685	91,249	2,381,028	3
162	73,218	4	1,212	1	200	18,410	1,508	1,856	11,693	3,353	456,642	452,902	3,740	647,694	4
331	125,257	7	1,640	1	100	9,356	1,844	2,291	5,221	------	291,608	290,964	644	497,707	5
212	103,240	1	245	1	200	12,496	1,007	2,194	9,295	------	376,121	372,784	3,337	648,083	6
86	41,324	2	445	------	------	16,167	1,594	1,574	12,999	------	406,682	395,960	10,722	526,566	7
1,125	447,974	140	32,647	48	6,849	104,879	15,783	12,986	74,839	1,271	2,280,456	2,221,385	59,071	3,464,174	8
622	285,652	52	12,416	5	658	173,125	11,911	8,428	150,292	2,494	3,213,412	3,153,515	59,897	4,195,201	9
1,042	490,232	4	650	5	725	194,635	314	43,888	150,083	350	2,398,697	2,389,316	9,381	3,857,281	10
154	63,572	1	200	5	781	10,726	1,149	1,784	7,318	475	606,338	576,272	30,066	838,899	11
639	464,461	------	------	------	------	115,468	248	18,945	96,275	------	1,632,448	1,630,378	2,070	2,597,235	12
78	36,522	6	1,324	3	340	11,556	1,167	1,516	8,788	85	410,333	400,814	9,519	559,085	13
102	43,742	3	430	2	296	13,085	847	1,841	10,397	------	436,885	426,014	10,871	577,965	14
192	108,859	4	884	6	548	13,731	2,971	1,396	9,359	5	525,667	506,102	19,565	769,130	15
117	60,750	------	------	------	------	1,068	------	66	1,002	------	37,971	37,953	18	118,762	16
34	15,630	4	1,050	------	------	4,232	953	1,010	2,269	------	174,881	168,253	6,628	231,357	17
1,187	589,825	12	3,425	6	880	115,833	5,935	7,459	102,439	------	1,161,080	1,142,792	18,288	2,085,645	18
834	383,260	19	4,282	11	2,082	106,019	13,766	9,014	80,489	2,750	6,411,830	6,365,322	46,508	7,349,321	19
98	44,441	3	679	1	104	10,471	1,300	1,264	7,077	830	314,901	306,964	7,937	448,164	20
137	56,032	11	1,630	3	336	43,418	2,207	3,048	38,163	------	433,896	424,000	9,896	666,413	21
193	92,269	10	2,328	10	1,840	46,596	13,272	5,255	25,584	2,485	1,053,771	1,025,328	28,443	1,420,758	22
202	82,513	36	6,609	2	196	29,145	6,817	4,139	15,064	3,125	566,225	555,360	10,865	893,969	23
360	170,442	52	11,557	4	764	38,158	10,038	3,744	23,989	387	1,065,017	1,037,025	27,992	1,580,734	24
875	348,709	38	8,928	4	469	128,990	16,935	16,168	95,654	233	2,158,002	2,061,956	96,046	3,139,582	25
18	7,352	3	880	2	316	5,444	818	800	3,826	------	70,052	68,445	1,607	109,569	26
23,082	11,983,677	4,094	1,061,329	191	36,508	5,406,281	672,666	220,425	3,714,780	798,410	78,950,897	78,188,822	762,075	112,655,633	27
49	20,781	11	1,590	4	813	8,995	874	1,500	6,591	30	240,700	236,554	4,146	352,869	28
451	195,354	7	1,501	------	------	10,230	1,334	4,156	4,740	------	683,928	683,168	760	1,021,699	29
44	20,023	3	670	------	------	4,952	503	521	3,828	100	156,068	151,919	4,149	225,514	30
431	212,173	1	408	2	180	22,617	1,983	1,861	18,773	------	527,366	526,936	430	891,612	31
52	24,773	6	1,370	3	546	9,736	2,705	1,200	5,745	86	185,569	177,470	8,099	283,841	32
26	10,170	1	200	------	------	1,879	506	171	1,176	26	66,057	64,762	1,295	106,964	33
112	56,417	15	3,653	2	243	15,537	2,336	1,724	11,411	66	432,391	418,067	14,324	607,374	34
12	5,039	------	------	------	------	2,156	508	238	1,410	------	39,546	37,706	1,840	66,054	35
33	15,474	1	520	------	------	7,139	1,982	933	4,074	150	123,307	118,527	4,780	208,468	36
415	209,686	------	------	------	------	20,995	2,530	4,500	13,965	------	487,592	480,834	6,758	835,327	37
241	124,628	4	1,263	7	716	49,240	2,489	3,334	43,417	------	1,718,679	1,687,105	31,574	2,155,737	38
13	6,520	1	200	------	------	2,243	148	358	1,737	------	83,905	81,936	1,969	116,608	39
148	63,908	13	3,356	------	------	13,576	4,094	2,692	6,633	157	553,829	540,416	13,413	772,247	40
153	61,647	27	4,054	5	663	36,074	3,412	2,273	29,621	768	618,631	603,362	15,269	894,477	41
49	22,647	1	450	------	------	7,903	1,585	1,569	4,749	------	201,881	194,434	7,447	284,719	42
138	61,050	21	3,915	1	120	16,955	2,690	1,603	11,086	1,576	373,651	364,012	9,639	563,371	43
120	50,876	15	2,006	3	405	21,247	3,728	1,819	15,602	98	496,958	484,636	12,322	707,794	44
256	141,880	3	800	------	------	37,089	1,576	25,748	9,765	------	669,792	661,693	8,099	1,046,046	45
645	284,328	12	3,164	6	657	98,690	6,105	42,278	49,292	1,015	1,577,612	1,556,946	20,666	2,386,438	46
285	131,467	53	10,099	3	340	35,744	7,799	2,531	25,389	25	840,491	804,574	35,917	1,253,148	47
49	26,015	7	1,171	1	50	5,151	1,564	844	2,530	213	135,197	131,636	3,561	214,400	48
225	91,956	32	7,630	8	1,239	39,389	4,182	2,672	30,415	2,120	491,270	472,662	18,608	801,959	49
56	22,703	4	1,190	1	200	7,657	1,675	811	5,171	------	121,916	116,772	5,144	208,400	50
56	28,140	2	350	1	140	8,726	566	1,212	6,748	200	204,297	201,940	2,357	296,865	51
365	155,124	47	8,109	6	630	72,105	9,837	4,092	41,678	16,498	697,022	677,305	19,717	1,160,379	52
335	146,939	30	8,238	9	2,342	61,679	8,121	5,672	40,226	7,660	1,125,157	1,103,674	21,483	1,711,603	53
353	165,457	1	156	4	960	63,778	833	5,958	56,887	100	805,749	802,980	2,769	1,223,558	54
57	27,263	14	3,757	2	338	7,250	2,384	832	3,627	407	128,975	126,235	2,740	225,960	55
507	274,273	23	7,235	6	740	84,237	6,080	8,619	67,938	1,600	977,750	951,438	26,312	1,686,260	56
14	6,070	1	190	------	------	1,734	707	343	678	6	79,666	76,990	2,676	113,871	57
13,861	6,791,819	3,924	1,046,326	280	40,433	3,719,450	436,307	117,587	2,372,703	792,853	19,981,846	19,594,115	387,731	39,425,798	58
336	170,874	1	250	5	571	76,784	3,159	9,981	63,644	------	1,072,206	1,069,418	2,788	1,436,352	59
62	30,091	7	1,369	4	519	11,451	2,803	1,176	7,257	215	301,602	294,260	7,342	442,577	60
84	38,960	8	1,609	4	750	19,566	2,860	1,670	14,831	205	575,313	556,973	18,340	774,098	61
539	261,277	68	12,725	7	908	64,659	14,820	6,982	40,241	2,616	2,395,995	2,356,873	39,122	3,253,735	62
36	14,104	4	900	3	470	5,565	682	760	4,123	------	98,296	94,680	3,616	158,713	63
22	9,561	1	384	------	------	2,368	152	653	1,563	------	59,250	58,036	1,214	88,346	64
5,716	3,031,855	281	73,136	47	12,002	744,808	116,247	63,443	500,468	64,650	8,709,225	8,519,563	189,662	15,177,070	65
272	108,990	4	765	4	500	48,041	2,419	3,734	41,574	314	1,102,399	1,075,475	26,924	1,529,022	66
71	26,648	1	150	------	------	10,216	784	1,055	8,365	12	277,247	275,735	1,512	340,643	67
81	35,234	1	250	2	140	12,937	2,080	1,324	9,475	58	398,547	386,654	11,893	540,769	68
1,004	494,421	34	8,755	4	354	124,757	13,341	11,876	88,577	10,963	2,476,785	2,426,847	49,938	3,622,353	69
293	132,851	15	2,905	2	355	40,068	7,754	2,975	29,290	49	1,015,980	994,598	21,382	1,421,078	70
26	12,337	1	200	1	80	4,282	700	343	3,239	------	55,310	53,900	1,410	96,660	71
80	35,524	9	2,125	4	280	12,291	3,333	1,625	7,333	------	429,113	417,723	11,390	579,213	72
75	25,336	3	500	1	180	7,816	218	1,189	6,334	75	121,786	115,093	6,693	200,678	73
34	20,183	3	600	1	90	6,669	1,994	687	3,988	------	119,940	117,251	2,689	188,799	74
262	118,053	22	4,576	2	182	55,222	6,798	3,436	44,313	675	950,414	934,201	16,213	1,361,668	75
59	24,850	4	650	------	------	10,764	2,247	1,137	6,960	420	156,202	153,379	2,823	260,809	76
229	122,315	13	2,866	4	412	49,678	5,328	3,311	41,039	------	1,854,195	1,821,203	32,992	2,240,479	77
2,996	1,219,537	48	12,323	1	50	263,613	19,492	42,521	200,835	765	2,942,657	2,925,385	17,272	5,580,969	78
110	53,496	18	3,564	1	250	18,455	5,933	1,325	11,197	------	478,554	466,567	11,987	656,211	79

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
80	Wilkin	28	$102,860	$6,840	$33,460	$31,550	$31,010	31	3	$2,520	48	$26,022
81	Winona	235	6,435,150	967,512	612,882	942,279	3,912,477	259	209	194,061	2,305	969,054
82	Wright	137	360,031	29,790	69,995	167,835	92,411	156	13	3,221	185	68,459
83	Yellow Medicine	66	182,428	15,460	41,490	59,235	66,243	77	2	1,375	62	28,407

TABLE 7.—MANUFACTURES BY

1	All industries	11,114	$165,832,246	$29,548,954	$19,850,136	$37,953,943	$78,479,213	12,253	7,319	$6,554,424	77,234	$35,484,825
2	Agricultural implements	18	3,730,055	111,066	319,719	110,569	3,188,701	10	182	189,832	928	423,054
3	Artificial limbs	9	23,036		100	10,223	12,713	10	15	14,048	26	14,610
4	Awnings, tents, and sails	18	110,135	14,600	6,500	6,660	82,375	19	19	13,622	105	39,515
5	Baskets, and rattan and willow ware	4	820	25	50	220	525	4				
6	Belting and hose, leather	3	179,840	8,800	10,365	24,783	135,892	1	14	21,056	50	28,241
7	Bicycle and tricycle repairing	200	201,014	15,415	15,820	65,554	104,225	235	11	4,341	212	85,873
8	Bicycles and tricycles	4	38,205			7,433	30,772	4	2	2,320	47	8,440
9	Blacksmithing and wheelwrighting	1,362	1,685,778	309,798	413,487	361,361	601,132	1,580	4	1,704	827	387,487
10	Bookbinding and blank book making	20	110,325			65,300	45,025	19	16	10,516	201	92,628
11	Boots and shoes, custom work and repairing.	468	193,829	41,000	48,930	50,334	53,565	498	1	180	170	73,700
12	Boots and shoes, factory product	16	2,237,540		2,100	337,236	1,898,204	13	146	154,945	2,025	719,231
13	Bottling	19	191,810	34,250	49,400	42,303	65,857	13	20	14,554	84	46,741
14	Boxes, cigar	4	25,500			8,500	17,000	4	3	1,780	44	13,960
15	Boxes, fancy and paper	4	158,559	3,000	6,000	49,699	99,860	5	16	14,012	234	61,293
16	Boxes, wooden packing	12	200,656	1,250	6,220	78,128	115,058	11	11	15,040	232	71,620
17	Brass castings and brass finishing	4	21,450			15,600	5,850	7	1	900	11	6,392
18	Bread and other bakery products	179	1,569,471	85,996	151,422	879,681	452,372	199	207	112,653	972	393,427
19	Brick and tile	104	1,040,656	348,158	211,435	170,670	310,393	125	34	22,890	849	328,890
20	Bridges	14	339,681	60,100	18,100	72,300	189,181	23	25	39,481	394	205,999
21	Brooms and brushes	27	82,619	7,905	8,755	7,135	58,824	31	10	5,600	92	45,929
22	Carpentering	454	1,685,466	123,040	119,020	208,936	1,234,470	511	74	73,821	3,913	2,030,151
23	Carpets, rag	22	13,748	1,150	2,725	7,045	2,828	25			39	13,292
24	Carpets, wood	4	7,500			900	6,600	6			27	13,370
25	Carriage and wagon materials	5	101,032	1,200	5,925	18,028	75,879	5	4	9,600	112	30,240
26	Carriages and sleds, children's	6	38,800	200	6,300	2,200	30,100	9	11	4,650	52	22,142
27	Carriages and wagons	194	1,860,594	216,095	321,456	215,456	1,107,587	258	50	49,724	1,066	461,295
28	Cars and general shop construction and repairs by steam railroad companies.	39	4,933,805	453,700	2,117,592	1,117,309	1,245,204		264	243,448	4,700	2,599,387
29	Cheese, butter, and condensed milk, factory product.	596	2,264,956	70,101	630,629	1,089,986	474,240	210	341	59,284	740	398,224
30	China decorating	10	11,260	100	500	595	10,065	11	1	160	1	300
31	Cleansing and polishing preparations	6	8,265	2,000	1,300	265	4,700	7			3	822
32	Clothing, men's, custom work and repairing.	525	981,000	63,200	95,500	77,448	744,852	601	70	53,761	1,654	880,536
33	Clothing, men's, factory product	25	1,174,446	1,200		160,004	1,013,242	45	118	131,610	1,716	508,374
34	Clothing, women's, dressmaking	494	353,689	26,700	46,202	57,075	223,712	564	18	17,594	1,711	449,743
35	Clothing, women's, factory product	8	85,863			26,591	59,272	17	17	12,760	516	128,620
36	Coffee and spice, roasting and grinding	10	401,025		500	43,625	356,900	10	95	90,715	146	53,240
37	Coffins, burial cases, and undertakers' goods.	6	404,482	29,533	55,640	29,979	289,330	3	25	25,448	157	66,236
38	Confectionery	53	419,782	14,350	20,724	83,527	301,181	60	172	115,443	485	131,936
39	Cooperage	42	534,170	107,826	122,481	70,335	233,528	33	36	27,615	615	312,999
40	Corsets	6	30,950			3,700	27,250	8	2	480	49	12,392
41	Dyeing and cleaning	23	41,755	4,000	10,000	15,260	12,495	29	5	2,856	120	48,097
42	Electrical apparatus and supplies	12	79,935			29,360	50,575	11	13	7,976	86	45,340
43	Electrical construction and repairs	17	67,305	150	150	9,675	57,330	27	10	9,505	88	39,455
44	Electroplating	6	14,950			9,450	5,500	10	2	900	23	12,834
45	Enameling and enameled goods	4	3,050			1,075	1,975	5			13	5,625
46	Engraving, steel, including plate printing.	3	9,800			4,800	5,000	2	3	1,040	35	12,232
47	Engraving, wood	3	2,025			1,575	450	5			1	400
48	Fancy articles, not elsewhere specified	4	55,410			16,210	39,200	0	12	14,624	82	22,284
49	Flavoring extracts	10	210,799	50,000	40,000	8,360	112,439	16	16	12,717	27	11,722
50	Flouring and grist mill products	512	24,125,781	1,225,645	3,091,009	9,104,731	10,704,396	630	606	730,667	4,086	2,383,836
51	Food preparations	19	221,553	11,425	22,700	53,587	133,841	17	32	30,200	198	44,346
52	Foundry and machine shop products	175	4,267,322	482,359	588,920	1,220,148	1,975,895	199	298	290,563	3,139	1,512,579
53	Fruits and vegetables, canning and preserving.	4	43,650	1,800	10,000	11,300	20,550	3	2	1,600	45	8,523
54	Fur goods	46	1,235,579	26,000	18,100	52,350	1,139,129	55	147	121,218	847	320,183
55	Furniture, cabinetmaking, repairing, and upholstering.	152	406,191	51,750	67,915	51,453	235,073	186	20	8,600	343	250,656
56	Furniture, factory product	32	1,720,401	207,994	256,514	251,473	1,004,420	33	120	114,511	1,148	451,131
57	Furs, dressed	8	67,750	9,000	18,700	22,050	18,000	7	5	6,800	94	41,988
58	Gas and lamp fixtures	8	36,800			3,900	32,900	10	11	7,072	44	25,838
59	Gas, illuminating and heating	11	8,899,676	441,404	1,889,461	6,146,982	421,829		58	48,354	375	168,558
60	Gas machines and meters	5	26,300			2,550	23,750	5	6	3,145	14	8,002
61	Glass, cutting, staining, and ornamenting.	7	17,410		150	4,560	12,700	10	2	1,020	37	19,060

BY COUNTIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
42	$24,924	5	$948	1	$150	$4,331	$1,010	$830	$2,491	----------	$128,096	$124,866	$3,230	$195,368	80
2,131	939,374	148	26,721	26	2,959	414,435	22,805	51,460	332,620	$7,550	4,599,124	4,548,866	50,258	7,030,636	81
164	64,793	20	3,541	1	125	15,613	3,256	2,674	9,638	45	580,583	566,857	13,726	834,474	82
51	25,789	9	2,414	2	204	7,865	1,738	1,177	4,900	50	193,501	187,426	6,075	283,740	83

SPECIFIED INDUSTRIES: 1900.

66,889	$32,905,947	9,553	$2,451,400	792	$127,478	$13,273,648	$1,554,035	$846,570	$9,128,314	$1,744,729	$173,425,615	$170,851,640	$2,573,975	$262,655,881	1
924	421,637	3	1,300	1	117	241,388	1,504	7,792	229,602	2,490	718,604	695,273	23,331	1,763,780	2
25	14,410	1	200	----------	----------	9,401	2,104	135	7,162	----------	19,448	19,098	350	96,700	3
42	20,626	63	18,889	----------	----------	13,876	5,525	492	7,509	350	106,204	104,847	1,357	218,682	4
----------	----------	----------	----------	----------	----------	212	204	4	4	----------	917	827	90	2,780	5
50	28,241	----------	----------	----------	----------	6,155	2,100	967	3,088	----------	285,682	283,624	2,058	378,919	6
203	83,863	4	1,200	5	810	38,195	24,810	1,027	9,327	3,031	176,576	171,159	5,417	438,019	7
47	8,440	----------	----------	----------	----------	4,673	1,184	74	915	2,500	30,997	30,120	877	66,505	8
818	385,712	----------	----------	9	1,775	85,389	44,993	11,274	28,415	707	643,694	587,092	56,602	2,211,666	9
105	65,179	95	27,305	1	144	19,638	10,014	525	4,799	4,300	195,210	194,018	1,192	356,735	10
168	73,330	----------	----------	2	370	34,456	26,803	1,373	4,467	1,813	156,226	149,224	7,002	465,581	11
1,438	536,988	566	179,428	21	2,815	151,042	28,936	8,060	100,086	13,960	2,378,156	2,362,814	15,342	3,615,801	12
84	46,741	----------	----------	----------	----------	26,800	3,428	3,243	20,129	----------	184,970	181,240	3,730	363,354	13
16	6,840	28	7,120	----------	----------	2,133	1,446	122	565	----------	40,110	39,385	725	69,848	14
78	32,630	144	26,505	12	2,158	19,317	6,418	1,178	11,660	61	68,381	65,996	2,385	196,091	15
232	71,620	----------	----------	----------	----------	25,100	7,090	504	17,506	----------	238,132	233,767	4,365	401,704	16
11	6,392	----------	----------	----------	----------	1,480	1,125	45	310	----------	42,172	41,357	815	61,850	17
674	331,484	286	59,291	12	2,652	200,188	53,959	6,652	138,577	1,000	1,532,116	1,485,195	46,921	2,760,489	18
810	322,040	5	1,170	34	5,680	32,987	539	6,761	23,437	2,250	185,284	35,697	149,587	772,308	19
394	205,999	----------	----------	----------	----------	26,787	1,576	1,870	13,241	10,100	535,417	527,509	7,908	917,754	20
90	45,610	1	175	1	144	6,338	1,374	375	4,589	----------	110,091	109,317	774	196,548	21
3,909	2,029,151	1	260	3	740	809,749	22,764	5,555	64,605	716,825	5,169,694	5,143,847	25,847	9,216,347	22
22	8,613	17	4,679	----------	----------	2,659	1,487	83	1,089	----------	7,038	6,392	646	36,121	23
27	13,370	----------	----------	----------	----------	1,952	1,020	12	920	----------	17,077	16,800	277	36,750	24
111	30,140	1	100	----------	----------	985	220	144	621	----------	96,606	96,070	536	177,675	25
49	21,142	3	1,000	----------	----------	5,273	2,010	210	2,453	600	54,480	53,825	655	112,350	26
1,052	456,247	8	3,000	6	2,048	104,319	17,649	10,936	73,379	2,355	877,885	850,886	26,999	1,959,974	27
4,696	2,598,359	1	312	3	716	95,561	----------	15,031	80,530	----------	3,380,441	3,259,402	121,039	6,319,876	28
724	395,179	7	1,560	9	1,485	102,096	12,794	10,214	75,326	3,762	7,188,711	7,040,425	148,286	8,479,896	29
----------	----------	1	300	----------	----------	2,065	1,836	24	188	17	6,885	6,640	245	15,955	30
1	432	1	230	1	160	1,185	381	54	750	----------	7,595	7,540	55	15,040	31
1,443	809,795	208	70,275	3	466	205,980	113,753	5,854	46,838	39,535	1,086,409	1,066,726	19,683	2,880,488	32
135	91,899	1,501	395,695	80	20,780	127,382	22,730	3,692	50,960	50,000	1,376,545	1,364,687	11,858	2,182,101	33
61	48,876	1,644	400,288	6	579	82,918	64,226	1,482	16,560	650	553,850	543,926	9,924	1,536,703	34
19	14,980	492	113,030	5	610	23,899	6,186	213	17,410	90	185,510	183,640	1,870	427,000	35
85	40,340	61	12,900	----------	----------	83,100	13,107	3,108	66,885	----------	867,500	857,845	9,655	1,250,300	36
135	59,062	22	7,174	----------	----------	22,499	300	1,225	20,974	----------	147,345	144,205	3,140	277,487	37
202	81,030	261	47,999	22	2,907	60,504	29,601	1,953	28,950	----------	789,443	772,475	16,968	1,419,009	38
605	310,364	2	500	8	2,135	28,701	2,909	3,635	17,557	4,600	1,013,265	1,001,129	12,136	1,695,527	39
2	1,140	47	11,252	----------	----------	3,435	1,565	69	1,801	----------	17,700	17,450	250	43,850	40
77	35,851	40	11,746	3	500	16,964	6,484	471	10,009	----------	20,813	16,470	4,343	130,179	41
86	45,340	----------	----------	----------	----------	9,585	3,365	565	5,655	----------	121,782	117,923	3,859	228,076	42
86	38,798	1	480	1	177	17,793	4,621	212	2,960	10,000	140,317	139,607	710	265,738	43
23	12,834	----------	----------	----------	----------	2,573	1,824	44	705	----------	10,318	9,113	1,205	37,800	44
13	5,625	----------	----------	----------	----------	1,209	855	6	348	----------	1,612	1,382	230	15,056	45
20	8,532	15	3,700	----------	----------	3,102	1,930	30	1,142	----------	2,827	2,803	24	25,300	46
1	400	----------	----------	----------	----------	287	272	----------	15	----------	705	705	----------	6,300	47
41	14,804	41	7,480	----------	----------	3,238	2,220	49	469	500	43,672	43,402	270	96,250	48
17	8,880	9	2,512	1	330	6,199	1,642	910	3,647	----------	137,499	135,955	1,544	197,621	49
3,936	2,332,946	147	50,440	3	450	1,300,270	39,654	110,313	1,148,028	2,275	74,509,733	73,777,831	731,902	83,877,709	50
59	27,546	139	16,800	----------	----------	108,039	4,064	654	103,321	----------	488,343	482,069	6,274	700,509	51
3,121	1,507,163	12	4,520	6	896	306,025	45,001	23,645	220,124	17,255	2,753,777	2,616,577	137,200	5,975,077	52
17	6,670	26	1,590	2	263	1,452	75	166	1,211	----------	17,929	17,340	589	49,200	53
347	176,374	492	142,647	8	1,162	166,991	27,019	3,931	84,807	51,234	1,234,569	1,229,662	4,907	2,196,031	54
328	244,727	13	5,635	2	294	47,880	25,712	2,374	17,940	1,854	346,840	340,506	6,334	813,424	55
1,138	447,904	5	2,250	5	977	163,635	12,230	9,498	141,407	500	943,312	924,455	18,857	1,932,188	56
93	41,855	1	133	----------	----------	4,136	1,206	489	2,441	----------	30,219	26,671	3,548	125,396	57
36	23,330	7	2,040	1	468	6,826	3,715	126	2,885	100	34,153	33,482	671	96,152	58
375	168,558	----------	----------	----------	----------	146,195	100	29,461	116,634	----------	303,868	272,463	31,405	1,075,852	59
14	8,002	----------	----------	----------	----------	2,910	940	25	825	1,120	9,596	9,542	54	25,410	60
36	17,860	1	1,200	----------	----------	3,135	2,354	83	698	----------	23,963	23,335	628	66,489	61

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
62	Gloves and mittens	8	$13,437			$3,158	$10,279	11	2	$550	23	$4,497
63	Grease and tallow	6	18,700	$550	$2,600	10,750	4,800	7	1	1,500	13	7,220
64	Hairwork	11	44,765	150	50	1,150	43,415	13	4	1,302	17	5,235
65	Hand stamps	7	50,530			26,200	24,330	8	3	3,410	46	23,392
66	Hats and caps, not including fur hats and wool hats.	4	16,100		400	4,200	11,500	4	5	3,280	38	9,987
67	Hosiery and knit goods	8	484,004	29,000	78,000	120,853	256,151	1	21	26,657	293	77,589
68	Iron and steel	3	713,806	56,000	169,717	157,477	330,612		20	25,320	409	175,264
69	Ironwork, architectural and ornamental.	9	803,994	99,409	95,186	162,423	446,976	8	57	44,206	436	239,518
70	Jewelry	7	43,850		4,000	16,850	23,000	11	5	1,000	56	23,762
71	Leather, tanned, curried, and finished	9	23,060	1,765	12,000	4,090	5,205	9			18	3,550
72	Lime and cement	19	362,528	140,225	61,209	46,744	114,350	19	32	34,095	161	72,652
73	Liquors, malt	78	8,539,722	2,202,783	2,541,442	1,170,589	2,624,908	85	154	213,544	856	417,832
74	Lithographing and engraving	3	84,880			65,225	19,655	3	10	10,938	99	54,902
75	Lock and gun smithing	32	40,865	1,600	12,800	11,150	15,315	34	8	900	33	18,350
76	Looking-glass and picture frames	39	76,830	2,975	5,900	8,775	59,180	51	20	10,286	79	33,494
77	Lumber and timber products	438	52,095,923	19,295,059	1,547,491	6,105,488	25,147,885	543	594	751,057	15,140	7,140,571
78	Lumber, planing mill products, including sash, doors, and blinds.	61	2,489,374	431,633	347,603	439,418	1,270,720	75	143	127,288	1,639	667,091
79	Malt	5	314,387	13,600	169,000	23,071	108,716	2	9	11,160	28	13,855
80	Marble and stone work	52	812,603	195,979	69,877	221,524	325,223	59	54	56,502	1,311	611,697
81	Masonry, brick and stone	155	1,044,302	58,740	67,370	197,125	721,067	195	66	44,471	2,542	1,446,680
82	Mattresses and spring beds	15	335,681	40,600	51,945	31,395	211,741	20	23	18,377	214	84,300
83	Millinery and lace goods	5	77,900			7,650	70,250	7	11	6,750	135	34,466
84	Millinery, custom work	370	601,604	44,585	96,847	24,797	435,375	424	64	28,860	688	176,512
85	Mineral and soda waters	71	398,871	42,050	69,130	141,084	146,607	87	34	28,736	172	64,540
86	Models and patterns	8	12,555	800	1,150	5,025	5,580	11			11	5,925
87	Monuments and tombstones	80	352,961	53,025	32,710	30,430	236,796	97	82	27,774	280	145,190
88	Musical instruments and materials, not specified.	8	13,150			3,625	9,525	7	3	1,000	16	8,270
89	Musical instruments, organs and materials.	3	68,430	4,200	15,500	16,591	32,139	3	4	3,020	35	12,436
90	Oil, linseed	5	1,963,231	228,000	295,000	661,000	779,231		45	71,375	155	81,981
91	Oil, not elsewhere specified	7	122,162	16,000	15,000	9,300	81,862	5	26	12,082	30	11,667
92	Optical goods	12	30,663			11,550	19,113	15	11	11,593	24	14,280
93	Painting, house, sign, etc	287	509,027	34,600	52,474	64,034	357,919	350	60	43,902	1,168	584,948
94	Paints	6	325,083	5,329	27,085	44,874	247,795	5	29	28,398	52	20,306
95	Paper hanging	34	75,900	2,700	2,150	6,127	64,923	41	23	9,967	144	70,275
96	Patent medicines and compounds	71	1,071,643	15,750	21,100	26,148	1,008,645	81	189	117,384	177	63,473
97	Paving and paving materials	49	276,201	36,297	16,850	49,100	173,954	60	18	8,501	560	268,620
98	Photography	268	466,359	51,775	80,295	169,115	165,174	284	29	14,111	245	101,257
99	Photolithographing and photoengraving.	10	28,875			15,550	13,325	12	3	744	53	29,286
100	Pickles, preserves, and sauces	5	181,850	3,000	30,600	28,900	119,350	3	31	29,690	77	24,324
101	Plastering and stuccowork	54	60,362	10,255	11,835	11,045	27,227	61	3	2,700	200	108,417
102	Plumbers' supplies	3	164,992	6,000	14,200	36,469	108,323		11	10,900	86	35,800
103	Plumbing, and gas and steam fitting	194	905,880	82,250	71,350	95,024	657,256	234	104	81,637	1,111	649,895
104	Pottery, terra cotta, and fire-clay products.	8	539,042	59,882	177,667	85,164	216,329	5	15	24,050	427	152,603
105	Printing and publishing, book and job	145	1,196,561	12,600	13,600	620,191	550,170	174	270	193,615	1,074	502,939
106	Printing and publishing, newspapers and periodicals.	560	6,382,125	369,400	778,091	1,948,076	3,286,558	617	933	750,386	2,714	1,304,229
107	Printing materials	3	13,800			8,225	5,575	3			11	6,300
108	Refrigerators	4	136,945	22,662	44,000	11,619	58,664	2	6	12,400	90	31,890
109	Roofing and roofing materials	15	243,599	36,250	20,600	60,186	126,563	14	25	24,306	108	49,398
110	Saddlery and harness	512	1,997,941	192,442	373,768	164,669	1,267,062	583	68	66,166	884	367,367
111	Sewing machine repairing	5	2,855			805	2,050	4			3	2,010
112	Ship and boat building, wooden	25	161,967	24,050	29,975	44,732	63,210	28	7	7,580	137	74,317
113	Shirts	12	79,090			9,410	69,680	13	23	18,780	173	63,974
114	Show cases	3	13,900		6,000	4,250	3,650	3	1	500	14	7,290
115	Slaughtering and meat packing, wholesale.	13	1,211,086	62,000	186,540	120,442	842,104	21	119	97,889	627	280,463
116	Slaughtering, wholesale, not including meat packing.	7	143,925	9,150	60,400	11,750	62,625	6	6	4,820	41	23,514
117	Soap and candles	9	363,061	57,800	96,368	121,003	87,890	8	25	33,312	60	20,971
118	Starch	8	209,274	6,975	55,000	59,825	87,474	6	5	2,780	57	23,287
119	Steam fittings and heating apparatus	6	77,810			15,760	62,050	5	9	8,560	73	37,260
120	Stereotyping and electrotyping	5	85,694			35,270	50,424	3	18	6,507	50	32,342
121	Sugar and molasses, refining	11	156,945	815	4,185	24,475	127,470	14	17	36,500	71	28,775
122	Surgical appliances	3	5,100			1,900	3,200	2			5	2,420
123	Taxidermy	8	7,085	1,260	1,550	540	3,735	8			4	2,464
124	Tinsmithing, coppersmithing, and sheet-iron working.	398	1,162,554	133,740	174,230	304,978	549,606	501	71	70,037	1,266	560,941
125	Tobacco, chewing, smoking, and snuff	3	5,895			195	5,700	8	1	600	5	1,434
126	Tobacco, cigars and cigarettes	305	1,218,805	98,955	160,510	38,367	920,973	342	91	83,848	1,559	660,444
127	Tools, not elsewhere specified	5	83,945	15,200	19,100	20,425	29,220	7	2	1,600	30	17,169
128	Trunks and valises	8	76,075			4,975	71,100	10	10	7,000	60	30,842
129	Typewriter repairing	6	12,625			670	11,955	2			13	7,324
130	Upholstering materials	14	119,825	23,850	22,300	39,800	33,875	14	6	4,955	88	35,773
131	Vinegar and cider	6	142,750	47,150	29,000	31,100	35,500	4	28	19,130	19	10,050

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
5	$1,470	16	$2,922	2	$105	$2,130	$909	$72	$1,149		$11,677	$11,472	$205	$24,328	62
13	7,220					1,702	585	166	951		47,172	44,962	2,210	63,480	63
1	600	16	4,635			7,376	5,732	62	1,082	$500	15,324	15,155	169	46,064	64
38	20,838	5	1,774	3	780	13,754	4,337	142	9,175	100	20,290	19,595	695	85,488	65
13	6,780	25	3,207			1,544	826	30	688		17,306	16,935	371	42,500	66
51	18,553	206	53,876	36	5,160	31,470	899	1,297	29,111	163	197,184	190,320	6,864	410,092	67
409	175,264					87,474		700	86,774		867,122	675,196	191,926	989,416	68
435	239,156	1	362			153,245	1,460	1,590	148,195	2,000	507,218	497,174	10,044	1,141,546	69
46	21,712	10	2,050			5,517	2,510	337	2,170	500	29,339	28,305	1,034	79,800	70
18	3,550					483	10	191	282		9,803	9,091	712	19,336	71
159	72,352	2	300			15,751	658	2,263	12,630	200	131,865	101,596	30,269	297,896	72
843	414,895	13	2,937			1,996,040	646	39,332	1,927,987	28,075	867,901	773,880	94,021	4,456,928	73
70	45,334	19	5,928	10	3,640	8,002	4,420	427	3,105	50	51,524	49,854	1,670	134,511	74
31	17,730	1	520	1	100	9,671	5,918	1,886	1,827	40	25,006	23,510	1,496	87,832	75
73	32,115	1	332	5	1,047	14,907	9,772	535	3,750	850	104,639	103,834	805	201,262	76
15,087	7,127,900	15	2,985	38	9,686	1,782,489	45,654	339,448	1,397,387		26,047,781	26,041,189	6,592	43,585,161	77
1,627	663,839	2	560	10	2,692	133,850	5,474	15,756	103,315	9,305	2,619,848	2,593,681	26,167	3,988,276	78
28	13,855					10,548	600	1,976	7,972		166,553	159,898	6,655	241,932	79
1,306	610,637			5	1,060	60,093	8,464	4,142	36,395	11,092	296,931	283,695	13,236	1,177,464	80
2,540	1,446,376			2	304	333,423	10,860	3,446	25,423	293,694	2,570,446	2,557,161	13,285	4,932,553	81
177	73,881	35	10,199	2	220	52,163	4,002	1,163	46,998		273,106	269,658	3,448	505,191	82
9	5,240	126	29,226			11,207	3,790	222	7,195		88,213	87,503	710	170,800	83
20	11,864	658	163,274	10	1,374	108,245	81,637	4,158	22,430	20	707,661	699,579	8,082	1,391,214	84
169	64,160	1	150	2	230	42,668	3,281	3,111	33,326	3,000	168,995	164,336	4,659	485,584	85
10	5,725	1	200			2,288	771	35	1,462	20	3,065	2,713	352	25,461	86
278	144,935			2	255	16,514	4,779	2,042	8,923	770	270,230	264,510	5,720	630,261	87
16	8,270					2,329	1,758	63	508		5,153	4,861	292	38,976	88
34	12,112	1	324			3,016		366	2,650		25,610	23,570	2,040	53,370	89
155	81,981					76,474	2,500	4,233	69,741		2,951,004	2,921,177	29,827	3,272,598	90
30	11,667					7,928	1,055	183	6,190	500	161,141	160,426	715	270,122	91
22	13,876	1	196	1	208	13,943	6,400	459	7,084		29,037	28,299	738	122,740	92
1,159	582,726	3	1,225	6	997	79,664	33,432	2,020	42,648	1,564	569,117	565,333	3,784	1,683,621	93
42	17,557	10	2,749			61,331	7,215	778	51,138	2,200	209,145	205,949	3,196	357,816	94
144	70,275					12,715	7,586	222	4,907		69,874	69,537	337	213,482	95
105	43,598	70	19,629	2	246	146,903	13,620	1,947	131,336		300,811	297,301	3,510	887,619	96
558	267,972			2	648	16,724	4,187	1,547	10,990		450,672	447,186	3,486	892,026	97
155	75,405	88	25,495	2	357	66,949	44,304	2,090	19,165	1,390	206,445	199,179	7,266	681,552	98
49	27,797	3	1,264	1	225	7,128	3,304	78	2,596	1,150	9,739	9,196	543	70,373	99
41	18,052	30	5,750	6	522	14,557	895	740	12,922		194,032	192,589	1,443	284,045	100
200	108,417					9,834	722	357	4,655	4,100	113,997	112,790	1,207	302,208	101
86	35,800					4,440	1,050	370	3,020		57,540	54,740	2,800	134,400	102
1,107	649,195			4	700	108,299	43,336	3,912	41,289	19,762	1,568,913	1,557,999	10,914	2,991,384	103
422	151,592	5	1,011			17,788		4,050	13,738		154,378	64,882	89,496	445,435	104
868	448,266	178	49,904	28	4,769	245,041	57,247	3,595	46,468	137,731	554,982	533,678	21,304	1,890,676	105
2,187	1,195,120	313	90,564	214	18,545	1,219,343	131,267	29,669	816,800	241,607	1,073,934	1,015,234	58,700	5,790,148	106
10	6,150	1	150			1,028	589	38	401		4,098	3,907	191	18,100	107
86	31,010			4	880	5,732	1,180	324	4,228		56,808	55,349	1,459	130,950	108
108	49,398					18,478	2,228	1,145	14,605	500	257,859	252,053	5,806	425,697	109
850	358,637	29	7,730	5	1,000	103,947	48,325	13,207	42,007	408	1,504,213	1,487,728	16,485	2,618,361	110
3	2,010					583	488	20	75		3,174	3,078	96	7,375	111
137	74,317					11,401	2,485	1,529	2,572	4,815	84,962	82,296	2,666	223,971	112
17	13,468	156	50,506			17,058	5,725	248	11,065	20	98,551	97,493	1,058	237,771	113
14	7,290					1,336	451	243	642		15,950	15,380	570	29,680	114
610	276,191	8	2,400	9	1,872	79,062	2,600	6,848	69,114	500	5,956,371	5,917,509	38,862	6,803,112	115
40	22,914	1	600			11,734	2,301	538	8,895		866,884	862,906	3,978	1,007,443	116
32	14,769	26	5,852	2	350	8,580	12	2,058	6,510		269,219	263,567	5,652	470,280	117
57	23,287					10,570		1,057	9,513		250,594	241,650	8,944	329,566	118
73	37,260					8,277	2,614	178	4,345	1,140	78,361	77,210	1,151	161,750	119
50	32,342					23,834	3,330	173	8,547	11,784	13,658	10,772	2,886	90,172	120
59	26,668	12	2,107			18,363	4,258	380	13,725		470,234	466,984	3,250	605,603	121
3	1,848	2	572			1,576	316	23	1,237		2,132	2,095	37	10,305	122
4	2,464					743	378	46	319		1,895	1,796	99	26,720	123
1,135	515,163	126	45,210	5	568	211,778	40,281	6,614	161,540	3,343	1,165,701	1,146,920	18,781	2,581,792	124
2	1,218	1	216			1,447	313	17	1,117		4,527	4,407	120	13,700	125
1,159	565,682	344	86,812	56	7,950	338,643	36,920	4,636	296,707	290	949,616	941,301	8,315	2,457,942	126
30	17,169					3,492	540	487	2,465		29,005	27,855	1,150	83,525	127
60	30,842					14,387	8,600	316	5,471		60,029	59,549	480	144,888	128
13	7,324					3,068	1,315	38	1,715		3,790	3,755	35	19,025	129
88	35,773					3,082	166	475	2,441		51,873	49,338	2,535	128,591	130
18	9,750	1	300			10,331	2,640	609	7,082		87,473	84,288	3,185	171,225	131

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
132	Watch, clock, and jewelry repairing	315	$384,620	$41,470	$57,975	$111,059	$174,116	348			176	$99,010
133	Window shades	5	101,948	15,000	17,000	4,514	65,434	4	9	$7,393	36	17,878
134	Wirework, including wire rope and cable.	8	97,725	5,010	15,240	16,125	61,350	11	5	4,960	49	19,328
135	Wood, turned and carved	7	13,887	350	2,400	7,425	3,712	10			19	8,308
136	Woolen goods	19	762,825	178,900	133,092	183,005	267,828	6	20	23,450	300	90,662
137	All other industries[1]	79	3,498,668	264,074	453,163	960,378	1,821,053	67	165	149,378	2,073	675,525

[1] Embraces artificial feathers and flowers, 1; axle grease, 1; bags, other than paper, 2; baking and yeast powders, 2; billiard tables and materials, 1; blacking, 2; bluing, 1; boot and shoe uppers, 1; brassware, 1; buttons, 2; butter, reworking, 2; calcium lights, 1; cars and general shop construction and repairs by street railroad companies, 2; charcoal, 1; cordials and sirups, 2; cutlery and edge tools, 1; dentists' materials, 2; druggists' preparations, not including prescriptions, 1; emery wheels, 1; envelopes, 2; fertilizers, 1; fire extinguishers, chemical, 1; fireworks, 2; furnishing goods, men's, 2; hammocks, 1; hand knit goods, 1; hardware, 1; house furnishing goods, not elsewhere specified, 2; ink, printing, 1; instruments, professional and scientific, 1; labels and tags, 2; lard, refined, 1; lead, bar, pipe, and

TABLE 8.—MANUFACTURES IN CITIES

DULUTH.

1	All industries	433	$8,872,940	$2,728,821	$618,712	$1,615,678	$3,909,729	478	245	$245,448	3,998	$2,145,444
2	Bicycle and tricycle repairing	6	4,317			1,892	2,425	10			2	891
3	Blacksmithing and wheelwrighting	22	17,655	800	5,265	3,830	7,760	25			28	17,407
4	Boots and shoes, custom work and repairing.	26	8,225		1,075	3,120	4,030	27			18	5,876
5	Bread and other bakery products	5	17,152		2,000	5,508	9,644	6	9	4,624	41	21,649
6	Bridges	5	243,337	56,000	15,300	47,800	124,237	9	10	21,881	231	117,298
7	Carpentering	34	176,320		6,550	10,970	158,800	40	6	4,110	424	270,284
8	Carriages and wagons	7	11,270	800	2,050	1,345	7,075	7			14	8,312
9	Clothing, men's, custom work and repairing.	30	53,875	4,500	7,225	5,225	36,925	33	1	675	102	71,634
10	Clothing, women's, dressmaking	27	17,507	400	800	2,668	13,639	31			103	27,372
11	Confectionery	5	28,398		150	4,207	24,041	5	14	10,368	46	13,598
12	Dyeing and cleaning	3	2,150		300	1,200	650	4			10	3,802
13	Foundry and machine shop products	8	273,442		9,700	62,728	201,014	5	37	29,980	303	195,008
14	Fur goods	3	26,415			1,100	25,345	8			16	6,288
15	Furniture, cabinetmaking, repairing, and upholstering.	5	2,270			360	1,910	6			4	2,540
16	Lock and gun smithing	4	3,060			1,725	1,335	4			2	508
17	Lumber and timber products	12	5,749,754	2,412,739	259,725	598,487	2,478,803	9	37	44,075	1,276	652,504
18	Lumber, planing mill products, including sash, doors, and blinds.	4	157,812	49,000	19,000	37,138	52,674	4	5	3,624	51	23,050
19	Marble and stone work	5	4,000		1,200	1,375	1,425	6			18	11,537
20	Masonry, brick and stone	9	43,910	2,500	2,000	7,810	31,600	11	4	3,000	85	67,637
21	Millinery, custom work	17	27,157	1,500	4,267	1,590	19,800	15			31	10,099
22	Mineral and soda waters	4	22,775	2,000	1,150	12,200	7,425	4			12	7,584
23	Painting, house, sign, etc	23	38,105	700	2,400	3,065	31,940	31	7	6,035	100	55,882
24	Paper hanging	3	16,924			1,559	15,365	4	3	1,548	22	6,644
25	Photography	13	18,160		550	9,300	8,310	14			19	10,363
26	Plumbing, and gas and steam fitting	18	46,086			4,685	41,401	18	9	12,380	72	44,576
27	Printing and publishing, book and job	10	82,262			54,600	27,662	12	9	7,317	93	49,193
28	Printing and publishing, newspapers and periodicals.	10	108,879			69,877	39,002	11	8	13,150	104	69,549
29	Saddlery and harness	7	31,100			7,200	23,900	7	3	2,400	43	22,041
30	Ship and boat building, wooden	5	80,482	8,600	11,685	17,272	42,925	5	7	7,580	71	41,760
31	Shirts	3	3,400			1,650	1,750	4			27	7,348
32	Tinsmithing, coppersmithing, and sheet-iron working.	18	27,693	200	450	8,575	18,468	19	5	5,020	60	31,412
33	Tobacco, cigars and cigarettes	13	31,310	475	1,510	1,205	28,120	11	4	3,600	64	36,716
34	Watch, clock, and jewelry repairing	16	10,355		1,900	4,250	4,205	19			6	4,090
35	All other industries[1]	53	1,487,353	188,607	262,460	620,162	416,124	59	67	64,081	505	230,992

[1] Embraces artificial limbs, 1; awnings, tents, and sails, 2; bookbinding and blank book making, 2; boots and shoes, factory product, 1; bottling, 1; boxes, wooden packing, 2; brass castings and brass finishing, 1; brooms and brushes, 1; carpets, rag, 1; cars and general shop construction and repairs by steam railroad companies, 2; cars and general shop construction and repairs by street railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; clothing, men's, factory product, 1; coffee and spice, roasting and grinding, 1; electrical apparatus and supplies, 1; electrical construction and repairs, 2; flavoring extracts, 1; flouring and grist mill products, 2; furniture, factory product, 2; gas and lamp fixtures, 1; gas, illuminating and heating, 1; glass, cutting, staining, and

MINNEAPOLIS.

1	All industries	2,368	$57,708,204	$8,424,632	$6,917,174	$13,766,617	$28,599,781	2,603	2,606	$2,428,896	26,608	$12,708,523
2	Agricultural implements	7	317,116	15,890	64,000	25,960	211,266	5	27	26,780	151	64,766
3	Artificial limbs	4	18,266			7,903	10,363	4	13	12,880	15	9,210
4	Awnings, tents, and sails	6	66,425	13,500	3,200	3,650	46,075	5	15	11,512	63	24,610
5	Belting and hose, leather	3	179,840	8,800	10,365	24,783	135,892	1	14	21,056	50	28,241
6	Bicycle and tricycle repairing	77	67,454	4,050	1,660	24,227	37,517	86	7	1,491	101	39,623
7	Blacksmithing and wheelwrighting	132	102,887	21,350	21,635	22,580	37,322	154	1	150	143	87,444
8	Bookbinding and blank book making	8	48,950			29,900	19,050	7	7	5,456	78	36,934
9	Boots and shoes, custom work and repairing.	113	32,882	5,900	9,835	10,251	6,896	124	1	180	55	23,725
10	Boots and shoes, factory product	5	410,340		2,100	99,395	308,845	4	20	16,480	577	213,665
11	Bottling	7	100,240	24,600	29,900	16,375	29,365	3	8	4,520	37	19,046

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
166	$97,277	5	$1,120	5	$613	$55,924	$35,363	$2,640	$15,197	$2,724	$104,047	$98,831	$5,216	$458,979	132
32	16,140	3	1,634	1	104	3,909	720	509	2,680	------	133,517	130,871	2,646	223,507	133
48	19,214	------	------	1	114	3,596	425	76	3,095	------	41,598	40,478	1,120	78,574	134
19	8,308	------	------	------	------	1,652	871	100	681	------	6,421	5,361	1,060	20,994	135
160	60,196	119	27,081	21	3,385	36,178	1,255	3,894	31,029	------	272,483	263,477	9,006	496,812	136
1,619	584,309	441	89,252	13	1,964	218,638	54,571	17,877	133,292	12,898	4,090,636	4,031,946	58,690	5,709,184	137

sheet, 1; leather goods, 2; linen goods, 1; mats and matting, 1; mirrors, 2; mucilage and paste, 2; musical instruments, pianos and materials, 1; paper and wood pulp, 2; perfumery and cosmetics, 2; photographic apparatus, 1; pocketbooks, 1; printing and publishing, music, 1; regalia and society banners and emblems, 1; rubber and elastic goods, 1; sausage, 1; sewing machines and attachments, 1; soda water apparatus, 1; sporting goods, 1; steam packing, 1; sugar and molasses, beet, 1; toys and games, 1; umbrellas and canes, 2; varnish, 1; washing machines and clothes wringers, 2; wheelbarrows, 1; windmills, 1; wool pulling, 1.

BY SPECIFIED INDUSTRIES: 1900.

DULUTH.

3,682	$2,063,098	275	$71,426	41	$10,920	$572,266	$112,221	$41,543	$353,882	$64,620	$5,861,499	$5,792,369	$69,130	$10,628,957	1
2	891	------	------	------	------	1,412	1,166	13	233	------	4,313	4,255	58	9,400	2
28	17,407	------	------	------	------	2,673	2,323	85	265	------	17,577	16,657	920	60,568	3
13	5,876	------	------	------	------	1,902	1,712	63	127	------	11,013	10,803	210	31,414	4
34	19,612	7	2,037	------	------	4,733	3,605	360	768	------	73,415	71,396	2,019	121,352	5
231	117,298	------	------	------	------	16,276	696	1,404	4,076	10,100	291,677	286,959	4,718	501,824	6
424	270,284	------	------	------	------	28,299	2,179	173	3,697	22,250	799,792	799,095	697	1,262,546	7
14	8,312	------	------	------	------	1,165	860	58	247	------	10,018	9,772	246	26,857	8
98	70,168	4	1,466	------	------	11,711	8,305	265	3,141	------	66,196	65,283	913	185,765	9
7	7,092	96	20,280	------	------	5,028	4,443	82	403	100	58,617	58,404	213	121,927	10
23	8,384	23	5,214	------	------	9,049	4,240	130	4,679	------	86,170	80,936	5,234	143,460	11
7	2,932	2	680	1	190	2,397	1,776	36	585	------	2,593	2,205	388	11,300	12
302	194,858	------	------	1	150	18,595	13,275	602	4,718	------	194,227	182,311	11,916	475,848	13
4	2,918	12	3,370	------	------	2,126	1,363	55	658	50	19,400	19,390	10	41,500	14
4	2,540	------	------	------	------	898	771	8	119	------	7,460	7,420	40	14,800	15
2	508	------	------	------	------	783	470	5	308	------	1,458	1,364	94	5,578	16
1,255	645,319	------	------	21	7,185	163,100	2,046	25,766	135,288	------	2,086,842	2,086,842	------	3,800,442	17
51	23,050	------	------	------	------	3,249	1,200	1,101	948	------	113,276	112,176	1,100	172,943	18
18	11,537	------	------	------	------	530	530	------	------	------	15,425	14,795	630	28,624	19
85	67,637	------	------	------	------	1,176	100	97	979	------	128,596	128,508	88	224,940	20
------	------	31	10,099	------	------	5,509	4,322	66	1,121	------	46,953	46,777	176	79,259	21
12	7,584	------	------	------	------	841	290	101	450	------	12,585	12,313	272	46,481	22
100	55,882	------	------	------	------	5,915	4,781	216	918	------	42,512	42,365	147	143,869	23
22	6,644	------	------	------	------	1,572	1,186	45	341	------	7,970	7,957	13	23,575	24
13	8,126	6	2,237	------	------	4,095	3,348	72	625	50	14,925	14,775	150	41,478	25
71	44,456	------	------	1	120	8,806	4,201	239	4,366	------	126,871	126,418	453	229,784	26
73	44,911	15	3,712	4	570	10,376	5,159	540	2,427	2,250	31,057	29,685	1,372	133,614	27
99	66,699	4	2,700	1	150	17,483	5,383	325	10,600	1,175	31,817	29,802	2,015	183,831	28
40	21,381	1	300	2	360	5,285	4,717	124	444	------	74,541	74,299	242	121,586	29
71	41,760	------	------	------	------	8,055	1,860	553	1,642	4,000	30,990	29,385	1,605	102,316	30
3	1,600	24	5,748	------	------	1,058	840	18	200	------	17,231	17,008	223	30,228	31
59	31,202	1	210	------	------	5,812	4,674	130	908	100	38,648	38,091	557	101,179	32
51	34,317	5	954	8	1,445	12,218	1,890	101	10,227	------	50,066	49,915	151	122,849	33
6	4,090	------	------	------	------	3,079	2,634	80	365	------	6,717	6,511	206	22,345	34
460	217,823	43	12,419	2	750	207,060	15,876	8,630	158,009	24,545	1,340,551	1,308,497	32,054	2,005,475	35

ornamenting, 1; hand stamps, 1; hosiery and knit goods, 1; house furnishing goods, not elsewhere specified, 1; lime and cement, 1; liquors, malt, 2; looking-glass and picture frames, 1; mattresses and spring beds, 2; millinery and lace goods, 1; monuments and tombstones, 1; optical goods, 2; paving and paving materials, 1; plastering and stuccowork, 2; roofing and roofing materials, 2; show cases, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 1; taxidermy, 1; trunks and valises, 2.

MINNEAPOLIS.

22,328	$11,612,118	4,090	$1,060,101	190	$36,304	$5,237,162	$670,649	$216,351	$3,560,745	$789,417	$78,175,735	$77,453,060	$722,675	$110,943,043	1
148	63,466	3	1,300	------	------	16,404	1,380	904	13,630	490	112,485	109,623	2,862	302,319	2
15	9,210	------	------	------	------	8,252	1,500	115	6,637	------	11,865	11,585	280	66,400	3
25	12,378	88	12,232	------	------	10,517	3,580	422	6,365	150	66,276	65,516	760	137,670	4
50	28,241	------	------	------	------	6,155	2,100	967	3,088	------	285,682	283,624	2,058	378,919	5
97	38,424	3	1,000	1	199	17,884	12,111	197	4,012	1,564	80,982	78,886	2,096	190,978	6
142	87,298	------	------	1	146	20,619	15,779	947	3,693	200	91,268	85,785	5,483	325,952	7
42	25,971	35	10,819	1	144	11,287	4,410	261	3,516	3,100	17,928	17,331	597	85,578	8
54	23,517	------	------	1	208	10,624	8,579	190	792	1,063	40,745	39,659	1,086	124,778	9
871	154,115	191	57,980	15	1,570	25,404	6,374	706	18,324	------	663,326	659,487	3,839	1,008,007	10
87	19,046	------	------	------	------	14,911	1,580	520	12,811	------	65,524	64,635	889	151,500	11

TABLE 8.—MANUFACTURES IN CITIES

MINNEAPOLIS—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
12	Boxes, wooden packing	5	$127,696			$46,038	$81,658	4	9	$12,940	165	$49,947
13	Bread and other bakery products	62	801,960	$33,541	$51,347	496,675	220,397	70	94	63,307	481	190,064
14	Brick and tile	8	173,410	82,100	18,275	21,775	51,260	9	4	2,150	88	36,012
15	Bridges	7	65,344	1,100	800	20,300	43,144	11	13	15,200	118	53,400
16	Brooms and brushes	8	17,535	2,400	3,100	1,325	10,710	8	1	800	33	16,830
17	Carpentering	176	946,938	53,720	42,470	109,186	741,562	195	49	55,461	2,351	1,175,806
18	Carpets, rag	6	5,265		100	4,325	840	7			25	8,275
19	Carpets, wood	3	5,100			500	4,600	5			22	11,200
20	Carriages and sleds, children's	3	2,400			300	2,100	4	1	300	7	2,742
21	Carriages and wagons	23	172,790	12,680	23,700	22,800	113,610	28	10	10,865	192	73,005
22	Cars and general shop construction and repairs by steam railroad companies.	4	1,333,949	129,000	552,263	318,773	333,913		71	65,412	1,268	656,932
23	Cheese, butter, and condensed milk, factory product.	15	42,464		200	17,570	24,694	22	7	3,020	26	12,513
24	China decorating	7	4,825	100	500	420	3,805	7			1	300
25	Cleansing and polishing preparations	5	8,205	2,000	1,300	255	4,650	5			3	822
26	Clothing, men's, custom work and repairing.	139	394,373	13,450	17,675	28,895	334,353	171	50	35,016	717	387,000
27	Clothing, men's, factory product	13	236,976			57,590	179,386	18	23	19,050	465	143,416
28	Clothing, women's, dressmaking	204	203,391	13,900	20,900	25,541	143,050	224	13	14,374	855	206,035
29	Clothing, women's, factory product	5	67,063			20,791	46,272	11	15	11,110	431	96,430
30	Coffee and spice, roasting and grinding	3	32,000			3,600	28,400	5	15	12,365	22	11,000
31	Confectionery	21	170,005	5,000	8,000	38,520	118,485	22	69	39,650	180	58,582
32	Cooperage	14	322,615	68,676	78,581	34,500	140,858	7	26	20,315	441	241,463
33	Corsets	4	16,700			800	15,900	6	2	480	17	5,252
34	Dyeing and cleaning	8	19,375	3,000	4,000	7,950	4,425	11	2	816	73	29,400
35	Electrical apparatus and supplies	7	69,195			23,445	45,750	5	11	6,976	70	37,740
36	Electrical construction and repairs	9	10,880	150	150	4,750	5,830	15	1	260	25	10,370
37	Electroplating	3	9,000			4,950	4,050	4	2	900	16	7,650
38	Enameling and enameled goods	3	2,875			1,000	1,875	4			9	4,625
39	Flavoring extracts	6	7,405			1,830	5,575	11	5	1,217	6	2,722
40	Flouring and grist mill products	12	14,322,061	646,547	1,096,841	5,450,624	7,128,049	4	240	327,300	2,071	1,321,998
41	Food preparations	10	156,411	625	10,500	39,075	106,211	5	26	25,500	159	28,984
42	Foundry and machine shop products	62	1,642,754	254,767	179,852	479,408	728,727	56	155	136,325	1,309	558,418
43	Fur goods	16	127,866	4,000	4,000	7,260	112,606	18	4	2,604	139	49,698
44	Furniture, cabinetmaking, repairing, and upholstering.	59	214,343	24,800	17,900	33,753	137,890	69	12	7,500	217	177,694
45	Furniture, factory product	12	749,867	116,642	112,806	108,179	412,240	13	53	54,494	536	217,991
46	Gas and lamp fixtures	5	27,600			2,700	24,900	4	8	6,732	37	21,754
47	Gas machines and meters	4	6,300			2,350	3,950	5	2	1,200	9	5,500
48	Glass, cutting, staining and ornamenting.	4	7,185		150	435	6,600	5	1	520	16	9,480
49	Gloves and mittens	4	3,855			1,555	2,300	7			10	2,210
50	Hairwork	7	31,140	150	50	525	30,415	9	1	312	11	3,555
51	Hand stamps	3	27,780			14,000	13,780	4	2	910	24	11,734
52	Hosiery and knit goods	4	273,860	23,000	45,000	72,374	133,486		9	18,350	139	40,253
53	Ironwork, architectural and ornamental.	5	769,515	98,409	94,186	148,503	428,417	6	50	37,526	373	210,057
54	Jewelry	5	37,350		4,000	14,350	19,000	8	1	500	45	18,862
55	Liquors, malt	4	4,195,408	1,737,040	1,268,775	443,708	745,885	1	44	66,957	194	124,845
56	Lock and gun smithing	11	25,285		12,000	4,450	8,835	11	6	556	17	12,520
57	Looking-glass and picture frames	14	40,350			4,350	36,000	15	18	9,610	52	20,067
58	Lumber and timber products	13	12,900,046	3,584,147	267,950	987,996	8,059,953	7	103	177,368	3,017	1,490,262
59	Lumber, planing mill products, including sash, doors, and blinds.	14	1,244,311	259,147	172,646	201,416	611,102	14	79	80,486	900	380,970
60	Marble and stone work	17	280,635	21,179	31,827	93,924	133,705	15	13	13,602	409	224,881
61	Masonry, brick and stone	53	390,150	14,725	9,910	54,535	310,980	61	45	22,031	1,128	645,330
62	Mattresses and spring beds	4	235,935	38,500	44,545	23,167	129,723	8	9	7,880	146	59,630
63	Millinery, custom work	35	154,474	1,000	10,000	4,507	138,967	38	36	19,884	247	75,175
64	Mineral and soda waters	8	66,695	14,200	11,700	17,300	23,495	10	7	6,400	28	15,466
65	Models and patterns	6	7,355	800	150	3,425	3,480	9			9	4,850
66	Monuments and tombstones	12	37,760	3,450	2,800	3,335	28,175	11	3	3,124	39	19,701
67	Musical instruments and materials, not specified.	5	6,200			2,375	3,825	5			7	3,050
68	Oil, linseed	3	1,128,092	125,000	165,000	466,000	372,092		39	66,815	104	54,491
69	Oil, not elsewhere specified	5	104,712	16,000	15,000	6,800	66,912	4	18	6,032	23	5,947
70	Optical goods	6	18,100			4,200	13,900	7	7	7,118	12	7,280
71	Painting, house, sign, etc	104	182,852	7,850	11,655	25,012	138,335	114	24	18,561	419	199,055
72	Paints	4	67,025	915	2,000	15,741	48,369	3	12	8,078	14	6,568
73	Paper hanging	22	48,946	1,800	1,650	2,543	42,953	26	20	8,419	107	55,566
74	Patent medicines and compounds	36	385,588	1,500	5,650	5,780	372,658	39	101	57,492	55	21,886
75	Paving and paving materials	25	99,125	7,900	7,810	16,735	66,680	32	5	2,605	241	124,464
76	Photography	55	91,145	12,900	6,600	32,575	39,070	60	20	9,332	61	30,585
77	Photolithographing and photoengraving.	6	18,750			9,550	9,200	7	3	744	41	22,531
78	Plastering and stuccowork	21	27,422	2,255	4,500	5,885	14,782	24	3	2,700	75	42,196
79	Plumbing, and gas and steam fitting	66	348,168	900	2,000	35,444	309,824	82	63	49,878	562	326,539
80	Printing and publishing, book and job	73	474,357	100	200	289,413	184,644	87	63	57,296	548	253,200
81	Printing and publishing, newspapers and periodicals.	79	1,731,793	173,300	201,700	439,680	917,113	77	364	293,342	588	341,115

BY SPECIFIED INDUSTRIES: 1900—Continued.

MINNEAPOLIS—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
165	$49,947					$20,999	$6,160	$277	$14,562		$157,142	$154,612	$2,530	$276,900	12
301	153,268	173	$34,694	7	$2,102	142,988	26,619	2,597	113,772		731,706	711,427	20,279	1,287,254	13
88	36,012					4,567		1,954	2,613		21,568	5,633	15,935	79,155	14
118	53,400					8,127	780	61	7,286		225,940	225,110	830	355,150	15
32	16,686			1	144	1,008	290	83	635		36,096	35,896	200	58,925	16
2,348	1,174,926	1	260	2	620	537,792	10,718	2,485	45,129	$479,460	3,191,646	3,170,986	20,660	5,412,038	17
12	4,510	13	3,765			1,453	655	23	775		2,273	1,987	286	16,712	18
22	11,200					1,551	780	6	765		14,015	13,750	265	30,750	19
7	2,742					1,173	860	20	293		4,455	4,375	80	15,350	20
189	71,405	3	1,600			17,306	6,469	912	8,940	985	161,121	157,344	3,777	332,401	21
1,268	656,932					52,166		305	51,861		776,003	740,697	35,306	1,550,513	22
25	12,288			1	225	9,580	4,420	179	4,981		165,508	163,833	1,675	211,843	23
		1	300			900	736	12	135	17	2,910	2,740	170	9,755	24
1	432	1	230	1	160	1,149	345	54	750		7,445	7,390	55	14,380	25
611	349,527	104	37,056	2	417	108,467	52,836	2,426	19,310	33,895	460,793	453,357	7,436	1,227,838	26
47	35,009	418	108,407			13,815	7,342	1,125	5,348		160,229	157,746	2,483	448,681	27
29	18,784	823	187,001	3	250	42,134	29,573	894	11,467	200	314,592	309,843	4,749	747,012	28
11	8,920	415	86,900	5	610	17,360	3,820	190	13,260	90	110,310	108,640	1,670	302,000	29
16	8,900	6	2,100			17,050	6,000	650	10,400		335,730	331,830	3,900	397,400	30
85	38,354	92	19,385	3	843	23,880	11,555	874	11,451		375,508	369,232	6,276	619,053	31
432	239,003	2	500	7	1,960	21,093	1,970	2,208	12,315	4,600	852,568	843,545	9,023	1,314,635	32
		17	5,252			1,935	1,229	25	681		3,890	3,865	25	14,950	33
49	22,480	23	6,790	1	130	10,880	3,180	299	7,401		11,075	8,125	2,950	72,925	34
70	37,740					7,759	2,245	209	5,305		110,425	107,055	3,370	189,836	35
24	10,193			1	177	2,054	1,405	42	607		28,859	28,455	404	54,458	36
16	7,650					1,685	1,124	26	535		8,635	7,858	777	26,700	37
9	4,625					899	555	6	338		1,172	1,082	90	12,156	38
4	2,080	1	312	1	330	1,968	922	30	1,016		12,145	12,005	140	21,481	39
1,939	1,276,058	132	45,940			725,766	10,520	46,189	669,057		45,218,238	44,914,121	304,117	49,673,568	40
30	13,374	129	15,610			102,310	2,650	280	99,380		415,122	410,779	4,343	585,864	41
1,294	553,352	12	4,520	3	546	161,049	17,100	10,550	118,269	15,130	1,142,298	1,112,106	30,192	2,570,601	42
45	24,116	93	25,510	1	72	15,982	6,416	485	9,081		166,603	165,240	1,363	263,252	43
206	174,500	9	2,900	2	294	29,724	14,316	1,093	13,461	854	199,985	196,219	3,766	470,037	44
530	216,644	2	670	4	677	56,833	6,810	4,068	45,455	500	384,800	376,849	7,951	827,286	45
29	19,246	7	2,040	1	468	6,332	3,290	97	2,845	100	28,242	27,776	466	80,800	46
9	5,500					1,729	796	18	395	520	4,872	4,842	30	15,035	47
15	8,280	1	1,200			1,727	1,444	63	220		12,133	11,870	263	36,050	48
1	570	8	1,560	1	80	768	498	5	265		3,937	3,811	126	9,628	49
		11	3,555			4,728	3,532	36	660	500	10,477	10,355	122	28,300	50
19	10,590	2	364	3	780	5,811	2,381	54	3,376		5,905	5,668	237	38,600	51
26	9,280	113	30,973			22,723	264	545	21,914		118,989	116,882	2,107	257,073	52
373	210,057					148,780	580	1,369	146,831		480,494	471,729	8,765	1,076,286	53
35	16,812	10	2,050			4,286	2,235	308	1,443	300	22,044	21,184	860	62,500	54
186	123,048	8	1,797			711,942	96	16,409	695,437		252,107	233,337	18,770	1,507,720	55
16	12,000	1	520			3,989	3,196	321	432	40	17,159	16,428	731	51,655	56
47	18,898	1	332	4	837	8,752	6,039	251	1,612	850	65,983	65,550	433	123,030	57
3,009	1,488,917	8	1,845			415,036	25,569	45,574	343,893		7,155,402	7,149,402	6,000	12,285,305	58
891	378,458			9	2,512	60,663	3,290	7,399	49,974		1,547,059	1,532,114	14,945	2,329,769	59
409	224,881					40,268	5,651	1,216	24,941	8,460	83,732	79,015	4,717	415,441	60
1,126	645,026			2	304	114,864	3,299	1,464	15,097	95,004	1,360,823	1,355,087	5,736	2,267,773	61
126	53,593	18	5,817	2	220	44,541	1,282	895	42,364		169,700	167,932	1,768	333,191	62
18	11,364	227	63,403	2	408	42,387	32,287	1,313	8,787		230,762	229,001	1,761	473,300	63
28	15,466					5,950	385	1,013	1,552	3,000	19,425	18,995	430	65,540	64
8	4,650	1	200			1,911	631	13	1,247	20	2,374	2,092	282	20,961	65
39	19,701					2,573	1,128	208	1,037	200	59,378	59,182	196	99,503	66
7	3,050					1,075	654	13	408		2,448	2,336	112	11,095	67
104	54,491					70,631	2,500	4,022	64,109		1,818,314	1,798,635	19,679	2,01[illegible],214	68
23	5,947					4,573	700	133	3,240	500	84,430	83,820	610	166,080	69
12	7,280					10,653	4,375	271	6,007		17,831	17,423	408	78,700	70
415	198,283			4	772	37,599	13,210	450	23,589	350	234,573	233,060	1,513	664,397	71
10	5,635	4	933			7,021	1,000	111	3,710	2,200	58,952	57,676	1,276	96,329	72
107	55,566					10,151	5,795	113	4,243		53,447	53,256	191	162,067	73
25	12,048	29	9,732	1	106	68,370	7,580	492	60,298		109,659	107,889	1,770	376,108	74
240	124,176			1	288	8,607	2,192	561	5,854		199,152	196,743	2,409	387,824	75
43	24,403	17	6,025	1	157	21,502	15,182	383	5,687	250	53,899	52,520	1,379	178,466	76
39	21,787	2	744			5,402	2,100	47	2,105	1,150	7,584	7,354	230	50,570	77
75	42,196					5,190	240	94	1,356	3,500	58,110	57,283	827	136,950	78
560	326,129			2	410	50,151	22,517	1,095	17,689	8,850	700,994	695,560	5,434	1,441,553	79
433	216,002	103	34,917	12	2,281	68,706	28,211	1,613	17,263	21,619	209,474	199,003	10,471	770,839	80
521	323,093	47	14,995	20	3,027	448,807	43,194	5,069	299,659	95,885	328,869	316,776	12,093	1,792,955	81

TABLE 8.—MANUFACTURES IN CITIES

MINNEAPOLIS—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
82	Roofing and roofing materials	6	$173,499	$32,100	$12,300	$35,186	$93,913	4	14	$17,986	64	$30,078
83	Saddlery and harness	33	173,166	3,000	29,835	36,252	104,079	35	18	17,940	176	84,128
84	Ship and boat building, wooden	3	1,365	650	200	390	125	3			1	420
85	Shirts	6	60,790			5,860	54,930	7	21	17,280	112	46,451
86	Soap and candles	4	73,261	5,500	12,768	18,653	36,340	1	13	13,612	22	8,321
87	Steam fittings and heating apparatus	4	43,650			8,300	35,350	5	5	5,000	52	24,895
88	Taxidermy	4	3,705	800	500	345	2,060	4			3	1,760
89	Tinsmithing, coppersmithing, and sheet-iron working.	68	174,211	18,200	7,305	39,984	108,722	85	12	6,004	264	145,265
90	Tobacco, cigars and cigarettes	42	206,203	2,200	5,200	9,438	189,365	51	28	22,058	335	152,385
91	Trunks and valises	3	19,825			1,025	18,800	3	5	3,000	20	12,182
92	Typewriter repairing	4	2,275			320	1,955	2			7	3,824
93	Watch, clock, and jewelry repairing	51	34,193	3,400	2,200	16,180	12,413	59			52	36,196
94	Window shades	3	36,800	7,000	13,000	1,200	15,600	3	2	1,300	11	4,990
95	Wood, turned and carved	3	5,737			4,025	1,712	5			8	4,308
96	All other industries[1]	88	7,376,824	643,827	2,046,457	2,435,094	2,251,446	73	213	215,644	1,966	880,165

[1] Embraces artificial feathers and flowers, 1; bags, other than paper, 2; baking and yeast powders, 1; baskets, and rattan and willow ware, 1; bicycles and tricycles, 1; blacking, 1; bluing, 1; boot and shoe uppers, 1; boxes, cigar, 1; boxes, fancy and paper, 2; brass castings and brass finishing, 2; buttons, 1; butter, reworking, 1; calcium lights, 1; cars and general shop construction and repairs by street railroad companies, 1; coffins, burial cases, and undertakers' goods, 2; cordials and sirups, 2; dentists' materials, 1; engraving, steel, including plate printing, 2; engraving, wood, 2; envelopes, 2; fancy articles, not elsewhere specified, 1; fire extinguishers, chemical, 1; fireworks, 1; furnishing goods, men's, 2; furs, dressed, 2; gas, illuminating and heating, 2; hats and caps, not including fur hats and wool hats, 1; labels and tags, 1; lard, refined, 1; leather goods, 1; lime and cement, 2; lithographing and engraving, 2; millinery and lace goods, 1; mirrors, 2;

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1	All industries	1,591	$28,208,389	$2,134,257	$3,733,941	$8,289,147	$14,051,044	1,747	2,292	$2,012,574	17,593	$7,669,805
2	Artificial limbs	3	2,500			1,200	1,300	4	2	1,168	8	3,540
3	Awnings, tents, and sails	8	29,810			1,510	28,300	7	4	2,110	32	10,956
4	Bicycle and tricycle repairing	31	23,590			9,870	13,720	37	1	960	45	22,050
5	Blacksmithing and wheelwrighting	71	57,395	9,650	13,525	10,415	23,805	81	2	804	79	47,072
6	Bookbinding and blank book making	7	51,350			29,000	22,350	6	9	5,060	115	53,248
7	Boots and shoes, custom work and repairing.	101	26,564	2,900	4,090	9,495	10,079	106			39	17,947
8	Boots and shoes, factory product	4	1,294,435			181,164	1,113,271	5	80	90,805	1,019	377,458
9	Bottling	5	48,175	7,000	10,000	12,300	18,875		8	7,600	24	14,500
10	Boxes, cigar	3	18,500			5,500	13,000	3	2	1,580	33	10,760
11	Boxes, wooden packing	3	39,010		20	12,090	26,900	3	2	2,100	45	15,603
12	Bread and other bakery products	40	473,912	18,700	34,500	262,377	158,335	43	78	31,015	263	122,652
13	Brick and tile	4	87,785	33,200	22,525	12,560	19,500	5	4	5,400	40	17,260
14	Brooms and brushes	8	49,784	2,850	2,800	3,130	41,004	10	8	4,450	39	20,709
15	Carpentering	106	269,775	43,400	27,325	36,500	162,550	116	9	6,750	626	331,656
16	Carpets, rag	4	3,010		200	1,380	1,430	6			12	4,174
17	Carriages and wagons	14	270,709	76,000	59,531	27,470	107,708	23	11	10,640	173	80,729
18	Cars and general shop construction and repairs by steam railroad companies.	7	1,595,840	172,200	789,272	287,847	346,521		68	63,927	1,401	817,302
19	Cheese, butter, and condensed milk, factory product.	5	175,054			67,542	107,512	6	14	11,860	46	20,020
20	China decorating	3	6,435			175	6,260	4	1	160		
21	Clothing, men's, custom work and repairing.	108	201,832	2,175	3,125	12,440	184,092	119	18	17,470	432	248,726
22	Clothing, men's, factory product	9	896,470			98,614	797,856	21	92	109,460	1,209	355,750
23	Clothing, women's, dressmaking	172	91,216	6,700	8,300	22,006	54,210	197	5	3,220	597	190,737
24	Clothing, women's, factory product	3	18,800			5,800	13,000	6	2	1,650	85	32,190
25	Coffee and spice, roasting and grinding	6	344,300		500	33,300	310,500	5	75	72,950	118	40,040
26	Confectionery	13	154,403	6,000	4,000	29,059	115,344	16	68	48,266	208	47,921
27	Cooperage	9	121,575	26,800	23,400	14,815	56,560	7	6	5,000	77	37,578
28	Dyeing and cleaning	6	17,480	1,000	5,500	4,060	6,920	7	3	2,040	34	13,936
29	Electrical apparatus and supplies	4	10,325			5,625	4,700	5	1	400	12	5,600
30	Electrical construction and repairs	5	47,250			4,200	43,050	6	7	7,580	53	24,900
31	Electroplating	3	5,950			4,500	1,450	6			7	5,184
32	Food preparations	7	19,582	300	200	7,912	11,170	11	6	4,700	24	6,362
33	Foundry and machine shop products	25	1,529,715	139,577	273,934	413,708	702,496	25	72	90,987	997	515,928
34	Fur goods	17	1,011,125	20,000	10,000	41,525	939,600	23	141	116,864	641	253,382
35	Furniture, cabinetmaking, repairing, and upholstering.	26	29,165	2,100	1,400	4,510	21,155	25	8	1,100	70	45,265
36	Furniture, factory product	8	287,273	45,777	31,273	58,101	152,122	10	31	26,980	225	94,556
37	Furs, dressed	4	60,600	9,000	18,700	18,500	14,400	4	2	1,800	71	31,475
38	Hairwork	3	12,525			525	12,000	3	3	990	6	1,680
39	Ironwork, architectural and ornamental.	3	30,179		200	11,920	18,059	1	7	6,680	61	28,461
40	Liquors, malt	7	2,355,460	264,548	512,677	303,889	1,274,346	5	44	71,460	276	115,532
41	Lock and gun smithing	10	5,720			2,175	3,545	12	2	344	9	3,660
42	Looking-glass and picture frames	7	11,420			1,350	10,070	13	2	676	20	10,194
43	Lumber, planing mill products, including sash, doors, and blinds.	7	657,624	103,911	89,132	95,980	368,601	3	36	26,048	339	129,079
44	Marble and stone work	5	144,900	22,500	15,300	34,000	73,100	6	9	11,250	122	58,300
45	Masonry, brick and stone	50	544,175	39,700	53,420	125,785	325,270	61	17	19,440	1,055	584,800
46	Mattresses and spring beds	3	76,441			2,893	73,548	3	14	10,497	46	15,547

BY SPECIFIED INDUSTRIES: 1900—Continued.

MINNEAPOLIS—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
64	$30,078					$8,553	$800	$962	$6,791		$193,719	$190,153	$3,566	$298,114	82
164	80,738	9	$2,750	3	$640	20,346	11,711	1,751	6,884		300,827	297,509	3,318	499,875	83
1	420					99	60	10	29		743	735	8	2,395	84
12	10,128	100	36,823			14,605	3,890	170	10,525	$20	65,950	65,285	665	170,043	85
14	6,619	6	1,352	2	350	4,441	2	1,169	3,270		98,395	96,190	2,205	155,380	86
52	24,895					6,287	1,394	108	3,645	1,140	62,616	62,300	316	115,800	87
8	1,760					419	234	25	160		804	755	49	10,550	88
263	145,052			1	213	23,189	11,895	856	9,825	613	226,361	223,863	2,498	520,483	89
201	112,359	131	39,736	3	290	68,844	11,338	498	57,008		173,272	172,041	1,231	532,491	90
20	12,182					4,038	1,020	130	2,888		16,389	16,289	100	38,688	91
7	3,824					683	675	8			1,535	1,535		4,725	92
52	36,196					13,597	10,095	224	1,791	1,487	17,848	16,535	1,313	101,014	93
10	4,240	1	750			1,704	300	368	1,036		39,500	38,880	620	84,500	94
8	4,308					1,055	736	30	289		2,268	1,670	598	8,794	95
1,429	696,173	485	123,655	52	10,337	295,645	66,383	31,138	197,563	561	4,139,889	4,077,871	62,018	6,228,624	96

mucilage and paste, 1; paper and wood pulp, 1; perfumery and cosmetics, 2; pickles, preserves, and sauces, 2; plumbers' supplies, 2; pocketbooks, 1; pottery, terra cotta, and fire-clay products, 1; printing and publishing, music, 1; printing materials, 2; sausage, 1; sewing machine repairing, 2; show cases, 1; slaughtering and meat packing, wholesale, 1; soda water apparatus, 1; sporting goods, 1; steam packing, 1; stereotyping and electrotyping, 2; sugar and molasses, refining, 1; surgical appliances, 2; tobacco, chewing, smoking, and snuff, 2; tools, not elsewhere specified, 2; umbrellas and canes, 1; upholstering materials, 1; vinegar and cider, 1; washing machines and clothes wringers, 1; wheelbarrows, 1; wirework, including wire rope and cable, 2; woolen goods, 1; wool pulling, 1.

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13,391	$6,583,370	3,922	$1,046,002	280	$40,433	$3,668,047	$435,990	$115,650	$2,323,554	$792,853	$19,464,570	$19,098,732	$365,838	$38,541,030	1
7	3,340	1	200			485	460		25		4,045	4,000	45	22,300	2
11	5,450	21	5,506			2,706	1,710	31	965		26,608	26,287	321	56,429	3
44	21,825			1	225	7,963	5,130	111	1,255	1,467	34,712	33,859	853	89,829	4
79	47,072					9,892	7,843	453	1,541	55	45,403	42,417	2,986	174,114	5
59	37,693	56	15,555			6,237	4,968	229	1,040		172,169	171,699	470	257,757	6
38	17,785			1	162	8,206	6,797	180	829	400	30,066	28,677	1,389	101,427	7
697	273,237	320	103,834	2	387	86,779	16,617	4,590	65,572		1,002,502	993,824	8,678	1,645,999	8
24	14,500					8,009	1,460	2,409	4,140		38,838	37,908	930	78,088	9
11	4,840	22	5,920			1,398	966	82	350		30,040	29,630	410	51,848	10
45	15,603					2,577	630	102	1,845		58,257	56,632	1,625	87,808	11
199	107,834	63	14,700	1	118	31,530	15,458	1,711	13,361	1,000	479,908	467,733	12,175	875,903	12
40	17,260					6,552	20	832	5,700		17,364	5,514	11,850	54,485	13
38	20,534	1	175			5,027	1,084	168	3,775		49,672	49,279	393	96,601	14
625	331,536			1	120	194,423	6,401	1,467	9,245	177,310	587,507	586,233	1,274	1,365,091	15
9	3,560	3	614			856	624	10	222		1,605	1,505	100	10,544	16
173	80,729					17,834	3,770	1,784	12,030	250	110,269	105,459	4,810	320,548	17
1,398	816,586			3	716	13,396		10,602	2,794		1,192,187	1,155,420	36,767	2,086,812	18
46	20,020					11,379	4,160	748	6,471		433,022	427,096	5,926	517,790	19
						1,165	1,100	12	53		3,975	3,900	75	6,200	20
396	234,031	36	14,695			53,491	32,873	819	14,584	5,215	272,547	268,686	3,861	744,259	21
78	53,610	1,051	281,360	80	20,780	112,349	14,828	2,501	45,020	50,000	1,171,891	1,162,821	9,070	1,647,000	22
24	22,600	570	167,808	3	329	28,613	24,260	261	3,742	350	147,003	143,735	3,268	552,811	23
8	6,060	77	26,130			6,539	2,366	23	4,150		75,200	75,000	200	125,000	24
65	29,840	53	10,200			63,372	6,207	2,375	54,790		515,225	510,020	5,205	807,900	25
75	27,309	131	20,248	2	864	23,104	11,330	717	11,057		252,113	248,428	3,685	519,236	26
77	37,578					4,985	525	807	3,653		73,025	71,910	1,115	130,920	27
18	9,480	15	4,276	1	180	2,722	700	136	1,886		5,895	5,142	753	38,274	28
12	5,600					1,266	880	36	350		10,567	10,138	429	31,600	29
53	24,900					14,243	2,100	130	2,013	10,000	87,267	87,127	140	173,200	30
7	5,184					888	700	18	170		1,683	1,255	428	11,100	31
14	5,172	10	1,190			3,210	1,414	105	1,691		24,111	23,230	881	44,140	32
996	515,778			1	150	90,784	10,920	5,902	71,962	2,000	1,018,266	944,831	73,435	2,046,937	33
289	145,046	345	107,246	7	1,090	145,488	17,498	3,145	73,661	51,184	997,435	994,416	3,019	1,802,193	34
67	42,855	3	2,410			8,370	6,254	147	1,569	400	63,460	62,386	1,074	169,989	35
223	93,276	2	1,280			40,594	5,280	1,533	33,781		269,910	266,210	3,700	517,289	36
71	31,475					1,597	300	437	860		24,923	22,543	2,380	90,730	37
1	600	5	1,080			2,538	2,100	21	417		4,387	4,375	12	16,664	38
60	28,099	1	362			4,300	880	131	1,289	2,000	25,479	24,375	1,104	62,260	39
276	115,532					678,186		5,948	672,238		234,722	211,124	23,598	1,335,293	40
8	3,560			1	100	4,312	1,896	1,513	903		4,210	3,705	505	20,072	41
19	9,984			1	210	2,922	2,050	138	734		16,340	16,193	147	41,292	42
337	128,519	2	560			37,931	60	4,412	27,474	5,985	598,299	594,484	3,815	841,955	43
122	58,300					6,245	860	735	4,150	500	108,660	106,875	1,785	196,200	44
1,055	584,800					208,481	6,735	1,776	7,680	192,290	814,005	806,574	7,431	1,898,817	45
35	12,684	11	2,863			6,511	1,980	90	4,441		77,317	76,922	395	116,312	46

TABLE 8.—MANUFACTURES IN CITIES

ST. PAUL—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES AND VILLAGES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
47	Millinery and lace goods	3	$67,200			$2,450	$64,750	5	9	$5,500	99	$23,616
48	Millinery, custom work	25	36,365	$500	$500	3,015	32,350	29	20	6,240	87	20,794
49	Monuments and tombstones	7	22,186	600		2,455	19,131	8	2	1,800	26	14,025
50	Musical instruments and materials, not specified.	3	6,950			1,250	5,700	2	3	1,000	9	5,220
51	Painting, house, sign, etc	80	188,568	13,175	22,779	22,758	129,856	93	26	17,556	435	236,415
52	Paper hanging	4	3,340	100	300	725	2,215	6			10	5,240
53	Patent medicines and compounds	21	55,942	900	800	4,206	50,036	24	34	27,862	49	15,643
54	Paving and paving materials	9	147,621	21,897	4,575	27,600	93,549	9	13	5,896	261	111,370
55	Photography	26	110,901	6,000	7,000	39,820	58,081	28	6	3,979	72	33,447
56	Photolithographing and photoengraving.	4	10,125			6,000	4,125	5			12	6,755
57	Pickles, preserves, and sauces	3	30,850		5,600	3,900	21,350	2	6	6,050	22	6,202
58	Plastering and stuccowork	21	24,650	7,100	5,435	3,240	8,875	24			97	53,440
59	Plumbing, and gas and steam fitting	50	291,260	60,000	45,430	20,370	165,460	61	21	13,814	257	170,756
60	Printing and publishing, book and job	47	577,999	7,500	8,900	246,878	314,721	53	195	127,902	395	188,808
61	Printing and publishing, newspapers and periodicals.	44	2,816,189	100,600	394,281	500,473	1,820,835	80	503	402,911	900	473,327
62	Refrigerators	3	14,850			2,750	12,100	2	4	8,100	31	10,520
63	Roofing and roofing materials	3	33,850	500	1,800	16,550	15,000	1	7	5,920	34	14,300
64	Saddlery and harness	19	444,940	16,000	46,900	47,995	334,045	21	44	44,500	299	113,663
65	Ship and boat building, wooden	3	13,125	3,500	4,000	1,500	4,125	3			5	2,428
66	Shirts	3	14,900			1,900	13,000	2	2	1,500	34	10,175
67	Slaughtering and meat packing, wholesale.	3	199,773	41,000	52,000	11,500	95,273	5	12	7,890	69	32,378
68	Slaughtering, wholesale, not including meat packing.	3	51,225	3,000	23,300	4,800	20,125	2	4	3,500	15	9,874
69	Soap and candles	3	279,700	51,800	77,500	100,150	50,250	3	12	19,700	34	11,100
70	Stereotyping and electrotyping	3	65,194			22,270	42,924	1	11	4,570	26	16,014
71	Tinsmithing, coppersmithing, and sheet-iron working.	54	573,309	58,750	77,545	163,922	273,092	64	46	56,543	660	248,164
72	Tobacco, cigars and cigarettes	60	513,471	60,050	89,500	6,618	357,303	67	52	52,480	562	239,977
73	Trunks and valises	3	47,500			3,700	43,800	5	5	4,000	34	15,000
74	Vinegar and cider	4	122,250	47,150	24,000	26,100	25,000	2	22	16,480	12	7,500
75	Watch, clock, and jewelry repairing	41	51,240	3,800	10,250	19,085	18,105	46			39	26,717
76	All other industries[1]	92	8,183,778	574,347	816,697	4,646,450	2,146,284	79	259	262,640	2,175	662,518

[1] Embraces baking and yeast powders, 1; baskets, and rattan and willow ware, 2; bicycles and tricycles, 2; billiard tables and materials, 1; blacking, 1; boxes, fancy and paper, 2; brass castings and brass finishing, 1; brassware, 1; bridges, 1; butter, reworking, 1; carpets, wood, 1; carriage and wagon materials, 2; carriages and sleds, children's, 1; cleansing and polishing preparations, 1; coffins, burial cases, and undertakers' goods, 1; dentists' materials, 1; druggists' preparations, not including prescriptions, 1; emery wheels, 1; enameling and enameled goods, 1; engraving, steel, including plate printing, 1; engraving, wood, 1; fancy articles, not elsewhere specified, 2; fireworks, 1; flavoring extracts, 2; flouring and grist mill products, 1; fruits and vegetables, canning and preserving, 1; gas and lamp fixtures, 1; gas, illuminating and heating, 1; gas machines and meters, 1; glass, cutting, staining, and ornamenting, 2; hand stamps, 2; hardware, 1; hats and caps, not including fur hats and wool hats, 2; house furnishing goods, not elsewhere specified, 1; ink, printing, 1; instruments, professional and scientific, 1; iron

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and villages	1,720	$30,708,298	$5,294,075	$3,536,340	$5,266,818	$16,611,065	2,008	1,153	$1,115,670	13,681	$5,967,157
2	Albert Lea	83	466,426	63,300	76,250	100,292	226,584	98	21	14,363	336	146,104
3	Anoka	47	620,833	22,270	70,360	136,532	391,671	57	11	11,873	291	123,908
4	Austin	69	469,671	41,420	137,080	106,871	184,300	85	19	13,293	265	107,206
5	Brainerd	54	1,924,045	209,810	219,010	409,372	1,085,853	62	55	59,288	989	528,012
6	Crookston	60	761,047	92,734	107,665	141,026	419,622	67	22	15,040	349	191,410
7	Faribault	102	880,867	81,100	167,564	270,524	361,679	123	65	56,090	482	222,234
8	Fergus Falls	91	429,254	26,775	78,325	119,440	204,714	108	19	19,688	264	114,367
9	Hastings	59	238,372	13,670	63,300	87,726	123,676	65	12	10,022	172	70,764
10	Little Falls	52	2,508,745	1,372,320	104,105	213,306	819,014	53	32	41,705	603	264,555
11	Mankato	135	1,371,907	169,205	250,724	401,083	550,895	162	92	78,185	683	242,742
12	Moorhead	23	134,034	17,050	19,400	56,219	41,365	24	6	4,310	77	39,010
13	New Ulm	90	1,097,616	57,725	363,650	267,107	409,134	111	42	55,279	423	183,987
14	Owatonna	82	434,260	58,700	71,600	93,850	210,110	97	19	16,720	257	108,935
15	Red Wing	79	1,657,336	144,461	321,994	313,982	876,899	84	73	78,603	765	297,140
16	Rochester	116	471,994	38,975	74,962	141,075	216,982	144	21	11,506	331	125,891
17	St. Cloud	96	789,946	86,860	145,915	209,033	348,138	112	56	39,193	650	343,062
18	St. Louis Park	6	1,228,875	48,975	144,945	431,005	603,950	6	41	60,225	224	133,660
19	St. Peter	61	374,760	32,767	80,883	81,040	180,070	74	13	10,600	199	77,085
20	South St. Paul	11	927,504	8,050	119,200	102,725	697,529	6	93	80,954	573	262,485
21	Stillwater	114	5,451,915	1,712,851	190,275	625,082	2,923,707	128	128	144,735	2,803	1,122,330
22	Wabasha	44	349,984	17,925	24,102	70,330	237,627	52	11	10,780	93	39,449
23	Waseca	69	260,614	16,700	39,410	61,115	143,389	92	15	11,360	172	83,292
24	West Minneapolis	15	1,665,907	25,210	122,314	11,699	1,506,684	16	83	79,807	476	211,129
25	Winona	162	6,192,386	935,222	543,307	866,384	3,847,473	182	204	192,051	2,214	928,400

BY SPECIFIED INDUSTRIES: 1900—Continued.

ST. PAUL—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
4	$2,940	95	$20,676			$9,825	$2,600	$200	$7,025		$65,770	$65,360	$410	$127,700	47
2	500	82	19,998	3	$296	17,163	13,992	223	2,948		64,371	63,845	526	134,872	48
26	14,025					2,139	1,320	54	690	$75	24,714	24,034	680	54,557	49
9	5,220					1,254	1,104	50	100		2,705	2,525	180	27,881	50
432	235,190	3	1,225			27,389	11,158	715	14,302	1,214	197,378	196,281	1,097	591,460	51
10	5,240					347	180	27	140		3,369	3,301	68	14,400	52
22	9,042	26	6,461	1	140	45,726	4,389	302	41,035		45,357	44,756	601	219,637	53
260	111,010			1	360	6,749	1,348	886	4,515		203,999	203,477	522	395,653	54
49	25,023	22	8,224	1	200	14,249	10,685	218	2,966	380	44,340	43,348	992	161,043	55
10	6,010	1	520	1	225	1,726	1,204	31	491		2,155	1,842	313	19,803	56
19	5,452	3	750			8,946	645	204	8,097		55,692	55,349	343	81,420	57
97	53,440					4,189	384	221	2,984	600	44,881	44,526	355	130,216	58
256	170,586			1	170	30,505	9,076	1,289	9,317	10,823	361,738	359,410	2,328	689,038	59
336	177,393	48	9,607	11	1,808	163,324	22,659	1,175	25,628	113,862	289,164	280,817	8,347	923,909	60
711	439,348	84	29,581	105	4,398	645,166	40,585	14,565	446,444	143,572	381,434	361,592	19,842	2,258,427	61
31	10,520					2,701	1,180	13	1,508		7,265	6,657	608	38,250	62
34	14,300					8,608	390	81	7,637	500	50,563	48,485	2,078	101,928	63
280	108,983	19	4,680			21,745	8,025	1,365	12,355		565,512	562,959	2,553	835,193	64
5	2,428					190	70	46	74		6,492	6,382	110	10,275	65
2	1,740	32	8,435			1,395	995	60	340		15,370	15,200	170	37,500	66
67	31,778	2	600			12,716		700	11,516	500	591,214	589,154	2,060	824,158	67
15	9,874					8,381	2,300	251	5,830		398,535	397,205	1,330	464,206	68
14	6,600	20	4,500			3,979		819	3,160		162,575	159,525	3,050	302,800	69
26	16,014					20,244	1,230	83	7,147	11,784	7,236	5,850	1,386	56,372	70
534	202,984	125	45,000	1	180	157,726	9,565	2,725	143,236	2,200	649,976	641,077	8,899	1,382,499	71
387	199,774	158	37,124	17	3,079	130,547	10,371	1,975	118,201		335,446	332,954	2,492	865,567	72
34	15,000					8,239	5,660	146	2,433		38,990	38,610	380	91,000	73
12	7,500					7,845	720	505	6,620		66,513	63,838	2,675	127,200	74
35	26,204			4	513	9,608	6,554	256	1,761	1,037	20,008	19,509	499	86,225	75
1,743	597,976	403	60,409	29	4,133	325,971	33,407	27,088	259,576	5,900	3,549,719	3,491,287	58,432	5,606,825	76

and steel, 1; jewelry, 1; labels and tags, 1; lead, bar, pipe, and sheet, 1; lime and cement, 1; lithographing and engraving, 1; lumber and timber products, 2; malt, 1; mats and matting, 1; mineral and soda waters, 2; models and patterns, 2; mucilage and paste, 1; musical instruments, organs and materials, 1; oil, linseed, 2; oil, not elsewhere specified, 2; optical goods, 2; paints, 2; plumbers' supplies, 1; printing materials, 1; regalia and society banners and emblems, 1; rubber and elastic goods, 1; sewing machine repairing, 1; sewing machines and attachments, 1; show cases, 1; steam fittings and heating apparatus, 1; sugar and molasses, refining, 1; surgical appliances, 1; tobacco, chewing, smoking, and snuff, 1; tools, not elsewhere specified, 1; toys and games, 1; typewriter repairing, 2; umbrellas and canes, 1; varnish, 1; washing machines and clothes wringers, 1; window shades, 2; wirework, including wire rope and cable, 2; wood, turned and carved, 1.

VILLAGES UNDER 20,000 IN POPULATION: 1900.

12,792	$5,782,058	761	$167,234	128	$17,865	$1,912,288	$172,794	$221,990	$1,447,698	$69,806	$30,505,363	$29,979,323	$526,040	$45,057,064	1
282	134,237	51	11,317	3	550	28,777	8,770	2,830	17,177		402,032	389,466	12,566	750,100	2
254	115,418	37	8,490			56,246	4,983	5,580	31,723	13,960	1,451,288	1,438,856	12,432	1,847,812	3
215	97,937	48	9,019	2	250	26,065	5,970	1,662	18,433		474,286	447,688	26,598	757,455	4
972	523,802	12	3,425	5	785	102,130	5,435	6,832	89,863		1,112,037	1,093,784	18,253	1,943,962	5
334	187,145	13	3,975	2	290	59,071	4,940	6,830	45,701	1,600	635,330	621,059	14,271	1,102,064	6
434	213,953	43	7,881	5	400	47,852	9,962	5,648	30,002	2,240	2,014,715	1,986,000	28,715	2,687,312	7
230	104,411	29	8,058	5	1,898	43,892	6,876	3,530	25,826	7,660	685,883	675,397	10,486	1,062,397	8
158	68,842	11	1,632	3	290	36,872	12,216	2,185	19,721	2,750	1,024,625	1,010,712	13,913	1,270,209	9
587	260,984	11	2,964	5	607	93,261	5,229	41,090	45,942	1,000	1,416,892	1,399,316	17,576	2,139,427	10
503	204,696	137	32,197	43	5,849	87,620	14,210	9,614	62,659	1,137	1,513,182	1,472,675	40,507	2,242,000	11
71	38,098	3	584	3	328	9,525	2,189	727	6,609		372,341	362,183	10,158	490,243	12
395	178,615	25	5,074	3	298	128,660	7,473	5,644	113,618	1,925	1,706,462	1,666,103	40,359	2,328,347	13
242	106,020	14	2,665	1	250	34,582	7,050	2,299	25,209	24	486,828	475,645	11,183	788,927	14
739	290,819	24	6,056	2	265	109,907	9,199	13,344	87,302	62	1,383,140	1,297,625	85,515	2,120,303	15
281	117,740	46	7,921	4	230	65,489	8,694	3,197	37,138	16,460	386,215	373,173	13,042	728,166	16
632	338,012	18	5,050			63,422	8,556	6,772	46,624	1,470	1,229,824	1,207,278	22,546	1,895,202	17
219	132,310	4	1,200	1	150	28,601	655	1,202	17,996	8,748	271,292	254,084	17,208	606,736	18
168	69,236	27	7,210	4	639	34,815	3,684	2,083	27,003	2,045	274,104	264,268	9,836	509,471	19
558	258,293	7	2,400	3	1,792	61,437	598	6,123	54,716		5,168,573	5,138,987	29,586	5,714,757	20
2,767	1,112,689	35	9,591	1	50	203,523	17,805	39,641	145,332	745	2,508,559	2,496,158	12,401	4,904,792	21
74	37,711	9	1,738			35,646	2,463	1,604	31,379	200	581,886	572,736	9,150	761,165	22
160	80,871	9	2,116	3	305	15,749	4,168	1,499	10,082		767,954	756,608	11,346	976,007	23
475	210,959	1	170			134,959	475	1,888	132,366	230	345,070	329,619	15,451	853,828	24
2,042	899,260	147	26,501	25	2,639	404,187	21,194	50,166	325,277	7,550	4,292,845	4,249,903	42,942	6,576,382	25

MISSISSIPPI.

Table 1 shows the manufacturing and mechanical industries of Mississippi as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	4,772	1,698	1,479	1,731	976	947	181.0	14.8	[1]14.6	77.4	3.1
Capital	$35,807,419	$14,896,884	$4,727,600	$4,501,714	$4,384,492	$1,815,820	140.4	215.1	5.0	2.7	141.5
Salaried officials, clerks, etc., number	1,569	[2]1,352	(3)	(3)	(3)	(3)	16.1	------	------	------	------
Salaries	$1,167,020	[2]$722,109	(3)	(3)	(3)	(3)	61.6	------	------	------	------
Wage-earners, average number	26,418	14,465	5,827	5,941	4,775	3,154	82.6	148.2	[1]1.9	24.4	51.4
Total wages	$7,471,886	$4,191,754	$1,192,645	$1,547,428	$1,618,320	$771,528	78.3	251.5	[1]22.9	[1]4.4	109.8
Men, 16 years and over	23,643	12,320	4,887	5,500	4,572	3,046	91.9	152.1	[1]11.1	20.3	50.1
Wages	$7,035,534	$3,838,250	(3)	(3)	(3)	(3)	83.3	------	------	------	------
Women, 16 years and over	1,726	1,236	413	191	203	108	39.6	199.3	116.2	[1]5.9	88.0
Wages	$314,013	$261,526	(3)	(3)	(3)	(3)	20.1	------	------	------	------
Children, under 16 years	1,049	909	527	250	(3)	(3)	15.4	72.5	110.8	------	------
Wages	$122,339	$91,978	(3)	(3)	(3)	(3)	33.0	------	------	------	------
Miscellaneous expenses	$1,476,855	$827,627	(4)	(4)	(4)	(4)	78.4	------	------	------	------
Cost of materials used	$21,692,092	$10,064,897	$4,667,183	$4,364,206	$3,146,636	$1,275,771	115.5	115.7	6.9	38.7	146.6
Value of products, including custom work and repairing	$40,431,386	$18,705,834	$7,518,302	$8,154,758	$6,590,687	$2,912,068	116.1	148.8	[1]7.8	23.7	126.3
Total population	1,551,270	1,289,600	1,131,597	827,922	791,305	606,526	20.3	14.0	36.7	4.6	30.5
Wage-earners engaged in manufactures	26,418	14,465	5,827	5,941	4,775	3,154	82.6	148.2	[1]1.9	24.4	51.4
Per cent of total population	1.7	1.1	0.5	0.7	0.6	0.5	------	------	------	------	------
Assessed value of real estate	[5]$158,365,609	$117,004,402	$79,469,530	$118,278,460	$157,836,737	$65,171,438	35.4	47.2	[1]32.8	[1]25.1	142.2
Value of land and buildings invested in manufactures [6]	$13,169,265	$4,453,810	(3)	(3)	(3)	(3)	195.7	------	------	------	------
Per cent of assessed value	8.3	3.8	------	------	------	------	------	------	------	------	------

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 6.)
[3] Not reported separately.
[4] Not reported.
[5] As given in the state auditor's Comparative Statement of Assessments for 1900.
[6] Does not include the value of rented property.

Although Mississippi is an agricultural state, Table 1 shows that there has been a considerable growth in its manufacturing and mechanical industries during the half century. The population during these years increased from 606,526 to 1,551,270, or 155.8 per cent, while the average number of wage-earners employed in manufacturing establishments increased from 3,154 to 26,418, or 737.6 per cent, embracing, in 1900, 1.7 per cent of the entire population, compared with five-tenths of 1 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 43,369, or 2.8 per cent of the total population of the state. Measured by the value of products, the greatest percentage of increase, 148.8, was during the decade 1880 to 1890, although the greatest absolute increase was between the years 1890 and 1900.

Mississippi has few of the natural advantages which foster manufactures. It possesses no important harbor, little waterpower, and few mineral resources. The state is fortunate, however, in having cotton lands of inexhaustible fertility and extensive forests of pine and hard wood. Its industrial history dates back to the early years of the century Among the manufacturing establishments reported at the census of 1810 were 22 cotton factories, 10 tanneries, and 6 distilleries. At the census of 1840 there were reported 53 cotton factories with a total of 318 spindles, 128 tanneries, 14 distilleries, and 16 flouring mills. With the opening of the Chickasaw Cession to settlement in 1832, a period of gigantic speculation began.[1] No state "plunged more boldly into corrupt banking systems, and none suffered more disastrous consequences." Here, as in other states, this period of excessive speculation terminated in the financial panic of 1837. Repudiation of bonds followed in 1842. Confidence in the general policy and laws of Mississippi was destroyed. The census of 1850 shows only 3,154 persons engaged in manufactures, compared with 5,060 in 1840. In 1860 the state had, to a large extent, recovered from the speculative influences of these earlier years, and was experiencing its first genuine industrial development. The increase in the value of products during the decade ending with that year was 126.3 per cent. The industrial stagnation throughout the South during the next twenty years is well known, but with 1880 a new period of growth began. Between 1880 and 1890 great efforts were made to attract manufacturers.

[1] Industrial Resources of the South and West, by DeBow, Vol. II, page 14.

A bureau of immigration was organized, and in 1882 the legislature passed an act exempting machinery of factories from taxation for ten years.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for eleemosynary institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	9,432	$37,547,882	10,160	32,206	$7,577,894	$1,516,342	$21,959,861	$8,049,353	$12,821,425	$1,089,083	$41,311,374
Hand trades[1]	843	954,599	952	1,518	560,824	84,212	1,272,502	1,498	1,219,322	51,682	2,622,046
Eleemosynary institutions	4	42,500	--------	21	2,199	1,341	3,676	----------	2,587	1,089	13,912
Establishments with a product of less than $500	4,656	1,697,963	4,765	5,767	103,809	38,146	264,093	63,309	200,784	----------	866,076
All other establishments	3,929	34,852,820	4,443	24,900	6,911,062	1,392,643	20,419,590	7,984,546	11,398,732	1,036,312	37,809,340

[1] Includes bicycle and tricycle repairing, 12; blacksmithing and wheelwrighting, 362; boots and shoes, custom work and repairing, 55; carpentering, 68; clothing, men's, custom work and repairing, 42; clothing, women's, dressmaking, 21; dyeing and cleaning, 6; furniture, cabinetmaking, repairing, and upholstering, 12; lock and gun smithing, 12; masonry, brick and stone, 8; millinery, custom work, 119; painting, house, sign, etc., 28; paper hanging, 1; plastering and stuccowork, 2; plumbing, and gas and steam fitting, 18; sewing machine repairing, 1; watch, clock, and jewelry repairing, 76.

Of the 9,432 establishments of all classes, shown in this table, 5,499, or 58.3 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $3,488,122, or only 8.4 per cent of the total value of the products of the state.

In addition to the 9,432 active establishments in the state during the census year, with a capital of $37,547,882, shown in Table 2, there were 68 idle establishments, with a capital of $68,677, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Brick and tile	2	$2,200	Hosiery and knit goods	1	$7,000
Carriage and wagon materials	1	1,706	Lumber, planing mill products, including sash, doors, and blinds	1	2,500
Cheese, butter, and condensed milk, factory product	1	2,525	Pottery, terra cotta, and fire-clay products	1	7,919
Cotton, ginning	40	40,217	All other industries	19	1,200
Flouring and grist mill products	2	3,410			

TABLE 3.—COMPARATIVE SUMMARY OF EIGHT LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	3,205	$29,210,084	20,072	$5,474,122	$1,045,899	$17,621,763	$31,377,442
	1890	963	9,794,213	9,584	2,602,583	508,159	7,325,505	12,638,534
Increase, 1890 to 1900		2,242	19,415,871	10,488	2,871,539	537,740	10,296,258	18,738,908
Per cent of increase		232.8	198.2	109.4	110.3	105.8	140.6	148.3
Per cent of total of all industries in state	1900	67.2	81.6	76.0	73.3	70.8	81.2	77.6
	1890	56.7	65.7	66.3	62.1	61.4	72.8	67.6
Cars and general shop construction and repairs by steam railroad companies.	1900	9	741,753	1,534	807,899	18,336	464,034	1,331,401
	1890	5	612,744	1,076	677,093		632,876	1,329,549
Cotton, ginning[1]	1900	1,901	3,553,853	2,422	281,803	69,882	667,654	2,214,949
	1890	130	211,829	547	43,499	7,961	23,647	130,387
Cotton goods	1900	5	2,209,749	1,675	339,546	117,117	767,327	1,472,835
	1890	9	2,053,743	1,154	263,997	57,622	871,970	1,333,398
Flouring and grist mill products	1900	225	225,335	208	27,244	3,802	805,894	932,816
	1890	408	652,663	777	88,050	25,002	1,009,335	1,249,669
Lumber and timber products	1900	844	17,337,538	9,676	2,790,780	448,710	8,422,253	15,656,110
	1890	366	4,498,788	4,427	1,169,673	216,482	2,867,798	5,770,387
Lumber, planing mill products, including sash, doors, and blinds	1900	34	631,553	748	235,083	32,256	844,248	1,315,775
	1890	8	93,002	92	42,690	4,584	59,170	136,450
Oil, cottonseed and cake	1900	41	3,711,930	1,521	461,357	337,141	4,952,814	6,681,121
	1890	13	1,497,746	891	211,139	186,754	1,757,807	2,406,628
Turpentine and rosin	1900	145	798,373	2,288	530,410	18,655	697,539	1,772,435
	1890	24	173,698	620	106,442	9,754	102,902	282,066

[1] Does not include many ginneries operated in connection with saw, grist, and cottonseed-oil mills, or for the use exclusively of plantations on which they are located. For the full number of ginneries in operation reference should be made to the special report on cotton ginning.

The 8 leading industries of the state in 1900, as shown in Table 3, embraced 3,205 establishments, or 67.2 per cent of the total number in the state; used a capital of $29,210,084, or 81.6 per cent of the total; gave employment to 20,072 wage-earners, or 76 per cent of the total number; and paid $5,474,122, or 73.3 per cent of the total wages. The value of their products was $31,377,442, or 77.6 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

Table 3 shows that the manufacture of lumber and timber products is the most important industry in the state. The 844 establishments reported in 1900 gave employment to 9,676 wage-earners, or 36.6 per cent of the wage-earners employed in the state, and the products were valued at $15,656,110, or 38.7 per cent of the total value of the products of the state. In 1890 there were 366 establishments, 4,427 wage-earners, and products valued at $5,770,387. The increase in the value of products during the decade was $9,885,723, or 171.3 per cent. The forests of Mississippi constitute its most valuable natural resource. The longleaf pine region of the coastal plain no longer contains much valuable timber, but the rolling pine lands of the interior have been very little exploited. These in 1897 were estimated to cover 7,712,000 acres. The lumber industry is carried on chiefly along the Pascagoula River in the southeast, and in Hancock county in the southwest.[1]

The manufacture of cottonseed oil and cake ranks second, with 41 establishments, 1,521 wage-earners, and products valued at $6,681,121. In 1890 there were 13 establishments, 891 wage-earners, and products valued at $2,406,628. The increase in the value of products during the decade was $4,274,493, or 177.6 per cent. In 1900, Meridian had the mill of largest capacity, and Greenville the greatest number of establishments. Two establishments, one at Jackson and the other at Meridian, refined as well as expressed the oil. It is claimed that a Mississippian, John Ross, in 1801 made the first written suggestion that oil be expressed from the cottonseed and prophetically named its uses.[2] The first mill in the United States was erected at Natchez, Miss., in 1834,[3] and at the census of 1870, 4 mills were reported in the state.

Cotton ginning has undergone a remarkable development during the last decade and now holds third place among the manufacturing industries of the state. There were 1,901 establishments reported in 1900, with 2,422 wage-earners, and the receipts for ginning and other work done amounted to $2,214,949. In 1890 there were only 130 establishments reported, with 547 wage-earners, and the receipts for ginning and other work done amounted to $130,387. The increase in these receipts during the decade was $2,084,562, or 1,598.7 per cent. These figures do not include the operation of many private plantation ginneries, or ginneries connected with saw, grist, or cottonseed-oil mills [4]

[1] United States Department of Agriculture, Bulletin No. 13 (Revised edition), 1897, page 42.

[2] History of Mississippi, by Lowry and McCardle, page 137.

[3] Cotton and Cotton Oil, by D. A. Tompkins, page 210.

[4] See special report on Cotton Ginning.

There were 145 establishments engaged in the manufacture of turpentine and rosin in 1900, with 2,288 wage-earners, and products valued at $1,772,435. In 1890, 24 establishments were reported, with 620 wage-earners, and products valued at $282,066. The increase in the value of products during the decade was $1,490,369, or 528.4 per cent. In 1860 there was but 1 turpentine still in the state, while in 1880, 11 were reported.

There were 6 establishments engaged in the manufacture of cotton goods in 1900, with 1,675 wage-earners, and products valued at $1,472,835. In 1890, 9 establishments were reported, with 1,154 wage-earners, and products valued at $1,333,398. The increase in the value of products during the decade was $139,437, or 10.5 per cent. In 1850 there were 2 mills in the state, with products valued at but $30,500.[1] In 1870 the establishments reported numbered 5, and the value of products was $234,445. The 8 mills in operation in 1880 reported products valued at $679,093.[1] During the decade, 1870 to 1880, a cotton mill was established, which in 1892 had become what was claimed to be the largest plant of its kind in the South.[2]

There were 9 establishments engaged in the construction and general shop work of steam railroad companies in 1900, with 1,534 wage-earners, and products valued at $1,331,401. In 1890, 5 establishments were reported, with 1,076 wage-earners, and products valued at $1,329,549. The increase in the value of products during the decade was $1,852, or one-tenth of 1 per cent. The first railroad shops in the state were those of the West Feliciana Railroad, at Woodville.[3] The largest and most complete plant in the state is said to be at McComb. Five of the establishments reported, for both 1890 and 1900, are large, but the 4 additional shops reported for 1900 are comparatively small, having been erected by short-line railroads or at convenient junction points.

There were 34 establishments engaged in the manufacture of planing mill products in 1900, with 748 wage-earners, and products valued at $1,315,775. In 1890, 8 establishments were reported, with 92 wage-earners, and products valued at $136,450. The increase in the value of products during the decade was $1,179,325, or 864.3 per cent.

There were 225 establishments engaged in flour and grist milling in 1900, with 208 wage-earners, and products valued at $932,816. In 1890, 408 establishments were reported, with 777 wage-earners, and products valued at $1,249,669. The decrease in the value of products during the decade was $316,853, or 25.4 per cent.

[1] Report on Manufacturing Industries at the Eleventh Census, pages 190 and 191.

[2] Where to Locate New Factories, by the Illinois Central Railroad, page 101.

[3] Memoirs of Mississippi, Vol. II, page 87.

URBAN MANUFACTURES.

Table 4 presents the totals for the manufacturing industries of the 11 cities and towns withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and towns, and shows their rank in population and in value of products.

TABLE 4.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	Wage-earners.		Miscellaneous expenses.	Cost of materials used.	Products.			Population.		
				Average number.	Total wages.			Value.	Rank.	Per cent of total.	Total.	Rank.	Per cent of total.
Total for state	4,772	$35,807,419	5,395	26,418	$7,471,886	$1,476,855	$21,692,092	$40,431,386	------	100.0	1,551,270	------	100.0
Total for urban manufactures	533	8,003,530	565	6,389	2,185,373	556,103	6,404,518	11,441,551	------	28.3	74,014	------	4.8
Aberdeen	32	179,625	37	194	40,229	10,765	110,914	228,278	10	0.6	3,434	8	0.2
Biloxi	39	417,902	40	593	136,441	32,022	605,663	949,031	5	2.3	5,467	6	0.4
Columbus	57	610,431	59	534	138,639	35,912	382,498	753,539	7	1.9	6,484	5	0.4
Corinth	38	441,689	41	476	151,657	27,875	383,877	759,542	6	1.9	3,661	7	0.2
Handsboro	5	155,221	5	133	34,280	4,070	127,833	213,844	11	0.5	840	11	0.1
Jackson	83	953,508	96	735	263,645	84,053	1,075,845	1,724,395	3	4.3	7,816	4	0.5
Meridian	119	1,923,590	126	1,416	555,409	131,938	1,700,655	2,980,217	1	7.4	14,050	2	0.9
Natchez	48	1,389,691	46	746	209,556	130,764	704,037	1,270,885	4	3.1	12,210	3	0.8
Scranton	15	372,655	15	167	66,045	6,532	173,319	326,114	9	0.8	2,025	10	0.1
Vicksburg	65	1,360,890	69	1,222	532,734	81,040	949,387	1,876,843	2	4.6	14,834	1	1.0
West Point	32	198,328	31	173	56,738	11,132	190,490	358,863	8	0.9	3,193	9	0.2
Total for state exclusive of urban manufactures	4,239	27,803,889	4,830	20,029	5,286,513	920,752	15,287,574	28,989,835	------	71.7	1,477,256	------	95.2
Per cent of urban manufactures to total for state	11.2	22.4	10.5	24.2	29.2	37.7	29.5	28.3	------	------	4.8	------	------

Of the 4,772 establishments in the state, 533, or 11.2 per cent, were located in these 11 cities and towns. They furnished employment to 6,389 wage-earners, or 24.2 per cent of the total number, and the value of their products, $11,441,551, formed 28.3 per cent of the total for the state.

Table 5 shows the totals for the state by counties.

Table 6 shows the totals for the state by specified industries.

Table 7 shows the totals for the cities and towns withdrawn from the enumerators.

TABLE 5.—MANUFACTURES

	COUNTIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	4,772	$35,807,419	$8,671,109	$4,498,156	$13,077,469	$9,560,685	5,395	1,569	$1,167,020	26,418	$7,471,886
2	Adams	80	1,474,448	161,963	237,326	633,405	441,754	82	61	39,671	811	222,522
3	Alcorn	66	545,635	39,910	55,726	143,345	306,654	76	41	48,740	598	187,167
4	Amite	69	142,919	13,397	32,250	63,622	33,650	69	4	1,800	143	29,096
5	Attala	89	135,275	12,480	24,080	73,840	24,875	105	3	3,760	181	35,271
6	Benton	29	37,505	3,795	5,375	24,605	3,730	36	1	50	37	5,063
7	Bolivar	117	407,508	75,539	66,210	188,069	77,690	116	27	12,509	383	94,798
8	Calhoun	47	95,154	19,476	8,730	47,893	19,055	64	1	100	79	11,042
9	Carroll	45	80,050	7,755	15,145	51,235	5,915	55	4	300	69	9,043
10	Chickasaw	53	72,620	5,551	11,720	46,346	9,003	68	1	420	78	11,556
11	Choctaw	47	83,112	13,052	8,730	47,833	13,497	60	4	615	102	20,804
12	Claiborne	42	559,411	23,299	113,442	272,402	150,268	40	24	18,076	197	77,204
13	Clarke	60	977,535	80,437	170,078	395,360	331,660	68	33	25,335	575	118,217
14	Clay	70	268,201	33,828	51,480	112,049	70,844	76	15	10,047	223	65,213
15	Coahoma	78	830,481	245,672	120,436	294,560	169,813	80	33	22,571	475	139,944
16	Copiah	137	1,159,214	53,679	261,810	459,630	384,095	134	35	42,483	1,287	258,824
17	Covington	42	276,521	131,098	26,579	76,259	42,585	59	17	11,342	294	80,399
18	De Soto	61	193,477	49,657	25,230	95,375	23,215	68	4	375	125	23,000
19	Franklin	33	87,115	33,600	8,970	38,075	6,470	37	6	631	114	27,161
20	Greene	25	182,733	55,830	14,650	55,090	57,163	31	14	7,760	282	69,292
21	Grenada	47	263,788	47,266	46,227	127,260	43,035	61	11	7,675	133	36,756
22	Hancock	40	1,989,927	968,169	87,364	397,776	536,618	44	76	60,760	1,077	270,858
23	Harrison	99	1,494,229	440,049	141,384	400,077	512,719	118	81	60,414	1,577	427,173
24	Hinds	186	1,192,758	108,919	208,458	508,247	367,134	205	100	66,774	944	310,215
25	Holmes	57	270,930	36,935	52,059	143,561	38,375	63	21	17,233	214	43,646
26	Issaquena	38	174,390	37,665	28,870	67,705	40,150	35	7	4,714	66	13,989
27	Itawamba	27	63,452	13,915	7,190	28,445	13,902	33	------	------	53	10,240
28	Jackson	78	2,383,413	835,412	149,895	519,210	878,896	91	92	60,334	1,329	424,513
29	Jasper	32	44,024	9,469	6,510	23,845	4,200	37	------	------	28	4,541
30	Jefferson	55	147,929	7,571	46,827	78,253	15,278	57	8	2,306	84	15,935
31	Jones	54	2,050,568	753,682	119,842	643,620	533,424	60	57	55,132	1,148	350,114
32	Kemper	47	81,475	23,025	11,260	40,545	6,645	53	3	750	98	14,683
33	Lafayette	71	139,115	48,208	14,430	55,697	20,780	94	1	500	110	17,140
34	Lauderdale	194	2,128,954	235,377	307,914	955,949	629,714	227	74	77,951	1,639	613,112
35	Lawrence	43	59,061	5,653	13,625	35,000	4,783	61	------	------	77	18,075
36	Leake	48	84,501	14,270	11,125	54,366	4,740	56	------	------	69	9,278
37	Lee	75	297,876	112,490	34,945	124,881	25,560	101	10	5,475	175	40,195
38	Leflore	97	630,005	83,510	113,155	296,850	136,490	107	46	32,206	363	94,817
39	Lincoln	89	1,505,300	645,055	85,105	501,676	273,464	88	60	60,140	997	281,103
40	Lowndes	103	684,696	73,598	152,354	279,331	179,413	105	31	19,877	583	145,733
41	Madison	75	179,315	12,280	38,300	96,450	32,285	78	19	9,870	147	34,200
42	Marion	43	132,538	30,128	19,080	54,485	28,845	52	8	3,680	260	68,322
43	Marshall	98	151,428	10,283	21,640	76,393	43,112	109	15	4,943	161	39,436
44	Monroe	91	711,161	75,614	85,518	198,097	351,932	100	28	16,894	500	126,485
45	Montgomery	61	183,707	17,286	32,610	98,870	34,941	72	19	12,801	206	57,488
46	Neshoba	28	31,740	2,310	4,320	23,555	1,555	34	------	------	27	3,662
47	Newton	63	162,102	39,829	20,749	77,007	24,517	76	1	80	172	44,141
48	Noxubee	78	122,898	12,905	17,035	78,783	14,175	89	5	975	149	24,044
49	Oktibbeha	59	162,025	44,177	14,878	68,180	34,790	64	5	1,625	106	21,477
50	Panola	85	129,970	10,795	23,980	78,025	17,170	92	14	1,168	110	16,891
51	Pearl River	32	1,040,015	590,791	45,043	259,633	144,548	34	36	33,830	697	200,646
52	Perry	50	986,922	365,611	88,015	304,651	228,645	66	37	23,529	842	228,154
53	Pike	78	1,795,482	698,576	175,848	492,013	429,045	85	58	44,083	1,233	483,555
54	Pontotoc	55	69,132	7,693	8,675	41,598	11,166	64	2	70	53	7,357
55	Prentiss	50	94,570	4,392	9,255	46,882	34,041	66	1	780	143	23,830
56	Quitman	13	66,653	8,787	5,110	24,706	28,050	9	2	608	24	3,874
57	Rankin	44	85,686	20,194	10,165	47,480	7,847	49	2	630	84	13,872
58	Scott	28	85,570	26,195	9,290	42,315	7,770	39	5	4,140	59	12,695
59	Sharkey	44	156,041	51,975	31,280	69,350	3,436	43	10	2,028	62	12,959
60	Simpson	27	68,985	10,580	11,645	38,910	7,850	32	3	1,314	78	20,207
61	Smith	46	66,914	8,243	7,724	41,470	9,477	64	2	220	57	7,796
62	Sunflower	44	617,659	210,960	41,335	125,684	239,680	46	20	15,796	342	87,936
63	Tallahatchie	49	210,025	69,910	26,255	87,545	26,315	55	4	2,250	98	27,062
64	Tate	69	155,590	18,385	23,090	47,940	66,175	83	5	2,880	136	36,290
65	Tippah	45	56,780	6,685	7,790	33,295	9,010	72	3	1,110	71	14,424
66	Tishomingo	31	34,659	4,539	3,700	24,080	2,340	33	1	300	43	6,903
67	Tunica	44	252,343	111,470	26,340	94,490	20,043	60	5	3,750	125	33,132
68	Union	45	89,976	16,790	11,995	48,050	13,141	65	2	724	94	18,860
69	Warren	133	1,682,805	184,730	302,200	600,925	594,950	141	94	85,933	1,490	597,592
70	Washington	128	1,391,968	250,368	223,639	553,457	364,504	104	84	57,017	592	196,850
71	Wayne	55	287,684	32,959	21,894	180,983	51,848	54	17	16,355	358	80,646
72	Webster	57	97,908	20,335	8,075	53,327	16,171	73	1	367	105	18,687
73	Wilkinson	40	89,247	10,672	25,250	49,400	3,925	46	3	707	58	9,282
74	Winston	30	49,074	3,275	8,190	34,175	3,434	35	------	------	36	4,999
75	Yalobusha	57	325,629	57,910	53,745	130,254	83,720	63	11	7,736	474	179,978
76	Yazoo	127	687,913	63,221	137,992	353,724	132,976	128	41	30,501	404	85,422

BY COUNTIES: 1900.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
23,643	$7,035,534	1,726	$314,013	1,049	$122,339	$1,476,855	$121,163	$253,157	$1,088,114	$14,421	$21,692,092	$21,117,554	$574,538	$40,431,386	1
557	172,306	163	32,156	91	18,060	133,162	5,484	14,622	112,981	75	718,172	689,921	28,251	1,322,171	2
455	168,163	126	17,280	17	1,724	29,331	2,122	3,337	23,262	610	462,743	456,696	6,047	878,296	3
133	27,046	9	1,900	1	150	3,895	340	785	2,670	100	60,966	58,463	2,503	145,762	4
169	34,083	4	593	8	595	5,781	1,375	1,339	2,627	440	77,870	74,172	3,698	185,300	5
37	5,063	------	------	------	------	391	10	226	155	------	28,147	27,562	585	47,675	6
383	94,798	------	------	------	------	11,687	989	1,364	9,334	------	222,075	214,853	7,222	541,987	7
77	10,592	------	------	2	450	1,013	------	698	315	------	26,186	25,044	1,142	71,428	8
68	8,913	------	------	1	130	1,114	50	378	686	------	16,232	14,338	1,894	49,852	9
72	10,630	1	241	5	685	2,931	773	634	1,328	196	20,559	17,043	3,516	68,918	10
98	20,244	1	200	3	360	2,354	410	721	1,223	------	52,063	51,184	879	111,391	11
194	76,129	2	1,000	1	75	25,166	1,157	4,342	19,467	200	464,051	436,415	27,636	651,324	12
257	68,794	198	36,250	120	13,173	20,653	350	2,496	17,346	461	381,235	368,452	12,783	692,882	13
221	63,863	3	815	4	535	12,694	1,789	3,991	6,839	75	230,387	220,619	9,768	440,035	14
475	139,944	------	------	------	------	30,711	472	6,009	24,230	------	483,119	464,203	18,916	831,979	15
675	168,640	335	66,135	227	24,049	63,136	1,056	11,144	50,936	------	605,674	572,123	33,551	1,077,987	16
293	80,099	1	300	------	------	3,271	159	977	2,135	------	124,998	123,667	1,331	336,878	17
124	22,900	1	100	------	------	4,208	196	1,226	2,786	------	70,822	67,354	3,468	162,564	18
114	27,161	------	------	------	------	1,148	------	638	510	------	65,759	64,239	1,520	127,340	19
282	69,292	------	------	------	------	4,251	222	1,063	2,966	------	94,424	92,734	1,690	243,340	20
127	34,806	6	1,950	------	------	16,812	2,062	2,676	12,037	37	138,772	133,108	5,664	255,202	21
915	252,748	91	9,800	71	8,310	50,902	335	6,092	44,475	------	746,710	741,703	5,007	1,446,344	22
1,172	373,899	270	38,365	135	14,909	52,999	4,546	7,329	41,124	------	1,334,412	1,315,869	18,543	2,310,624	23
858	289,533	66	17,918	20	2,764	89,238	11,870	15,290	55,222	6,856	1,172,199	1,132,855	39,344	1,960,562	24
210	42,839	3	650	1	157	8,169	602	2,652	4,715	200	118,334	112,760	5,574	256,369	25
66	13,989	------	------	------	------	2,896	220	1,126	1,550	------	49,393	47,471	1,922	119,363	26
51	10,050	------	------	2	190	813	54	352	407	------	36,839	36,298	541	63,694	27
1,308	422,177	5	468	16	1,868	40,016	2,960	7,280	29,318	458	943,967	934,667	9,300	1,937,702	28
28	4,541	------	------	------	------	578	20	287	271	------	15,295	14,355	940	35,044	29
83	15,737	1	198	------	------	2,839	455	1,158	1,201	25	71,570	66,689	4,881	128,990	30
1,133	347,448	1	160	14	2,506	73,898	448	8,643	64,807	------	1,296,849	1,291,056	5,793	2,087,650	31
93	13,883	3	500	2	300	1,221	52	516	633	20	36,157	34,887	1,270	86,007	32
102	15,947	7	1,143	1	50	3,090	996	898	1,196	------	64,183	62,237	1,946	138,552	33
1,464	582,291	97	23,946	78	6,875	137,163	13,462	22,105	101,014	582	1,818,306	1,770,423	47,883	3,292,923	34
73	12,800	------	------	4	275	1,560	24	462	636	438	24,528	23,489	1,039	63,975	35
69	9,278	------	------	------	------	1,703	100	460	1,143	------	32,203	30,869	1,334	62,069	36
166	38,010	7	1,985	2	200	5,496	1,092	1,544	2,760	100	143,854	136,771	7,083	277,465	37
363	94,817	------	------	------	------	38,963	2,474	5,625	30,864	------	574,956	554,304	20,652	933,799	38
974	277,293	14	2,690	9	1,120	54,702	2,410	14,646	37,641	5	962,359	957,153	5,206	1,767,239	39
477	125,317	74	17,051	32	3,365	37,299	5,616	5,152	25,501	1,030	404,227	380,749	23,478	806,680	40
141	33,383	2	380	4	437	10,290	1,607	1,050	6,533	1,100	102,561	95,255	7,306	233,732	41
258	68,037	------	------	2	285	2,311	107	971	1,233	------	182,004	181,269	735	379,178	42
146	36,666	11	2,585	4	185	5,816	1,333	1,315	3,168	------	77,589	70,122	7,467	192,903	43
473	121,160	16	4,000	11	1,325	18,230	2,939	3,150	12,021	120	322,254	313,085	9,169	665,990	44
196	55,538	2	750	8	1,200	11,983	440	1,729	9,814	------	180,184	169,513	10,671	361,223	45
26	3,627	------	------	1	35	512	------	247	265	------	10,674	9,924	750	27,573	46
169	43,492	1	400	2	249	3,681	225	1,132	2,174	150	130,085	128,537	1,548	285,297	47
123	21,019	9	1,600	17	1,425	3,699	1,742	789	1,168	------	61,833	57,776	4,057	133,820	48
102	20,932	2	400	2	145	3,208	755	848	1,605	------	68,808	65,942	2,866	149,677	49
99	15,596	7	1,010	4	285	6,985	816	995	4,574	600	49,086	45,169	3,917	118,165	50
695	200,352	------	------	2	294	13,114	803	7,259	5,052	------	432,527	431,632	895	874,579	51
836	227,225	2	440	4	489	42,454	417	5,738	36,299	------	679,351	675,058	4,293	1,185,860	52
1,186	476,901	9	2,272	38	4,382	62,041	1,682	8,165	52,194	------	783,692	770,867	12,825	1,553,442	53
49	6,546	2	565	2	246	1,036	227	612	197	------	26,947	25,680	1,267	62,608	54
138	23,222	4	560	1	48	2,921	806	743	1,372	------	80,435	78,465	1,970	178,602	55
24	3,874	------	------	------	------	436	------	260	176	------	10,911	10,368	543	30,604	56
81	13,517	------	------	3	355	1,002	101	455	371	75	44,418	43,001	1,417	103,652	57
57	11,975	1	520	1	200	1,128	36	446	623	23	44,461	43,838	623	86,047	58
60	12,727	1	180	1	52	1,997	96	1,079	822	------	45,586	43,320	2,266	115,021	59
78	20,207	------	------	------	------	1,468	------	458	1,010	------	64,311	63,090	1,221	121,274	60
53	7,371	------	------	4	425	1,118	45	452	621	------	47,135	45,914	1,221	80,672	61
337	86,855	3	821	2	260	32,866	3,039	3,433	26,394	------	353,655	350,937	2,718	617,202	62
97	26,942	------	------	1	120	1,760	250	1,231	279	------	74,916	72,181	2,735	183,610	63
123	34,005	9	2,015	4	270	4,730	1,125	795	2,810	------	145,476	141,347	4,129	247,260	64
66	13,674	3	550	2	200	1,906	402	548	956	------	38,667	37,980	687	90,777	65
42	6,853	------	------	1	50	846	36	241	494	75	42,373	41,798	575	64,432	66
124	32,967	1	165	------	------	3,809	37	1,574	2,198	------	147,812	142,219	5,593	255,522	67
93	18,760	------	------	1	100	3,121	710	754	1,637	20	63,862	61,779	2,083	131,804	68
1,418	584,539	59	11,423	13	1,630	89,067	22,029	17,629	49,409	------	1,302,207	1,258,491	43,716	2,404,797	69
578	192,966	7	2,885	7	999	94,460	6,430	14,329	73,616	85	744,579	715,706	28,873	1,473,739	70
352	79,866	1	100	5	680	16,414	334	2,790	13,140	150	341,610	339,236	2,374	484,084	71
100	17,789	3	718	2	180	2,212	233	778	1,201	------	58,557	57,187	1,370	147,332	72
58	9,282	------	------	------	------	1,477	95	688	669	25	21,198	19,104	2,094	62,215	73
33	4,744	2	180	1	75	698	36	419	243	------	20,111	19,119	992	40,066	74
420	173,315	25	4,000	29	2,663	8,335	1,888	2,878	3,569	------	168,420	160,347	8,073	408,346	75
396	83,547	5	1,700	3	175	42,470	3,590	6,894	31,896	90	533,202	515,503	17,699	862,919	76

TABLE 6.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	4,772	$35,807,419	$8,671,109	$4,498,156	$13,077,469	$9,560,685	5,395	1,569	$1,167,020	26,418	$7,471,886
2	Agricultural implements	3	53,875	6,025	4,800	16,500	26,550	5	2	1,350	19	4,000
3	Bicycle and tricycle repairing	12	9,027	250	75	3,830	4,872	13			9	2,430
4	Blacksmithing and wheelwrighting	362	240,673	37,915	51,906	71,993	78,859	408	1	1,040	245	69,832
5	Boots and shoes, custom work and repairing.	55	17,954	2,250	4,140	4,737	6,827	54			24	8,627
6	Boxes, wooden packing	4	51,525	7,700	10,000	18,400	15,425	4	3	1,300	82	24,104
7	Bread and other bakery products	22	56,520	11,400	13,550	9,475	22,095	23	2	1,520	67	26,913
8	Brick and tile	74	494,524	71,664	164,265	117,123	141,472	94	88	20,322	908	200,946
9	Brooms and brushes	3	3,885	810	800	475	1,800	5			10	1,878
10	Carpentering	68	172,987	10,590	16,375	23,942	122,080	79	10	7,760	496	226,405
11	Carriage and wagon materials	10	92,299	2,275	9,100	37,150	43,774	16	5	3,100	121	46,479
12	Carriages and wagons	30	96,525	12,900	20,020	17,810	45,795	34	4	3,500	113	43,452
13	Cars and general shop construction and repairs by steam railroad companies.	9	741,753	52,692	230,775	251,529	206,757		45	40,754	1,534	807,899
14	Charcoal	13	490		150	90	250	15			3	548
15	Clothing, men's, custom work and repairing.	42	73,355	5,100	2,750	8,320	57,185	46	4	1,800	157	68,708
16	Clothing, women's, dressmaking	21	11,267	690	3,400	1,580	5,597	21	3	535	50	13,344
17	Confectionery	17	78,715	5,950	21,800	27,465	23,500	19	15	7,290	73	21,489
18	Cotton, compressing	23	830,454	101,200	194,550	482,000	52,704		82	60,575	383	107,074
19	Cotton, ginning [1]	1,901	3,553,853	154,409	812,247	2,470,979	116,218	2,070	215	26,870	2,422	281,803
20	Cotton goods	6	2,209,749	46,014	438,105	1,050,665	674,965	2	46	60,212	1,675	339,546
21	Druggists' preparations, not including prescriptions.	3	3,650			150	3,500	3			4	845
22	Dyeing and cleaning	6	1,375	50	10	710	605	7			4	1,184
23	Fertilizers	3	353,497	17,322	40,000	57,162	239,013		15	18,650	94	32,800
24	Fish, canning and preserving	4	122,580	4,362	9,003	12,628	96,587	1	9	7,600	231	41,028
25	Flouring and grist mill products	225	225,335	21,026	51,610	126,096	26,603	257	8	1,745	208	27,244
26	Foundry and machine shop products	30	890,008	40,460	47,955	122,242	179,351	27	24	31,360	341	159,193
27	Furniture, cabinetmaking, repairing, and upholstering.	12	10,935	1,025	1,525	3,310	5,075	13			12	4,184
28	Gas, illuminating and heating	5	421,988	26,000	53,500	316,989	25,499		11	10,548	24	9,164
29	Ice, manufactured	21	579,356	92,360	92,500	359,400	35,096	12	26	23,300	154	54,842
30	Leather, tanned, curried, and finished	4	2,460	140	570	405	1,345	6			1	240
31	Lock and gun smithing	12	6,385		500	4,570	1,315	13			4	1,540
32	Lumber and timber products	844	17,337,538	7,229,835	889,867	4,570,609	4,647,227	1,099	465	406,302	9,676	2,790,780
33	Lumber, planing mill products, including sash, doors, and blinds.	34	631,553	56,910	69,830	156,272	348,541	41	49	43,710	748	235,083
34	Masonry, brick and stone	8	15,590	300	400	1,215	13,675	10			148	33,326
35	Mattresses and spring beds	5	4,505	300	1,000	205	3,000	7			11	2,988
36	Millinery, custom work	119	157,918	8,770	29,825	4,828	114,495	143	10	3,050	154	39,687
37	Mineral and soda waters	15	167,941	101,100	9,300	42,925	14,616	14	6	3,100	66	21,362
38	Monuments and tombstones	12	44,210	7,800	2,530	1,900	31,980	12	12	3,800	52	25,032
39	Oil, cottonseed and cake	41	3,711,930	203,545	786,100	1,857,995	864,290	12	199	211,475	1,521	461,357
40	Oysters, canning and preserving	4	205,549	17,500	42,000	31,000	115,049	5	7	9,300	419	81,954
41	Painting, house, sign, etc	28	20,528	4,450	6,000	3,928	6,150	32	1	1,200	90	39,086
42	Photography	38	41,633	4,325	6,900	17,195	13,213	45	1	420	17	7,087
43	Plumbing, and gas and steam fitting	18	96,900	7,200	18,800	8,200	62,700	25	8	2,566	89	35,626
44	Pottery, terra cotta, and fire-clay products.	4	11,690	700	3,600	2,180	5,210	4	3	1,500	21	6,517
45	Printing and publishing, book and job	16	69,915			52,140	17,775	17	8	5,740	65	29,239
46	Printing and publishing, newspapers and periodicals.	165	405,042	13,055	29,450	250,031	112,506	180	28	22,965	440	164,435
47	Roofing and roofing materials	5	5,775			2,300	3,475	6			5	1,250
48	Saddlery and harness	31	63,475	3,100	9,950	7,385	43,040	34	1	600	32	14,719
49	Ship and boat building, wooden	13	54,885	4,850	11,850	16,705	21,480	13	5	4,500	73	46,452
50	Sugar and molasses, refining	70	5,957	386	764	4,597	210	76			39	7,097
51	Tinsmithing, coppersmithing, and sheet-iron working.	37	77,485	6,375	13,450	15,825	41,835	48	2	1,800	76	37,002
52	Turpentine and rosin	145	798,373	227,977	99,885	153,219	317,292	198	147	67,775	2,288	530,410
53	Watch, clock, and jewelry repairing	76	116,140	10,066	17,409	25,825	62,840	83	4	1,716	32	15,485
54	Wood, turned and carved	6	28,855	550	2,350	7,700	18,255	7	1	1,200	26	5,910
55	Woolen goods	4	315,700	5,400	96,400	107,900	106,000	2	5	10,166	302	55,192
56	All other industries [2]	34	511,333	24,036	54,515	117,665	315,117	35	39	33,004	560	157,119

[1] Does not include many ginneries operated in connection with saw, grist, and cottonseed oil mills, or for the use exclusively of plantations on which they are located. For the full number of ginneries in operation reference should be made to the special report on cotton ginning.

[2] Embraces awnings, tents, and sails, 2; cheese, butter, and condensed milk, factory product, 2; clothing, men's, factory product, 2; coffins, burial cases, and

SPECIFIED INDUSTRIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
23,643	$7,035,534	1,726	$314,013	1,049	$122,339	$1,476,855	$121,163	$253,157	$1,088,114	$14,421	$21,692,092	$21,117,554	$574,538	$40,431,386	1
19	4,000					625		150	475		15,365	14,955	410	36,350	2
9	2,430					1,450	922	81	424	23	6,432	6,243	189	20,986	3
243	69,588			2	244	13,069	7,318	1,990	3,461	300	113,910	102,363	11,547	389,182	4
24	8,627					3,830	3,057	176	597		18,154	17,974	180	57,063	5
50	18,200	24	4,400	8	1,504	885		320	565		15,825	15,625	200	61,694	6
63	26,113	1	360	3	440	5,093	3,281	739	1,073		88,593	86,247	2,346	168,877	7
851	195,088			57	5,858	25,882	2,434	3,566	19,657	225	98,871	11,457	87,414	522,325	8
10	1,878					290	100	22	168		6,999	6,899	100	13,705	9
495	226,305	1	100			11,996	2,369	1,846	5,113	2,668	614,485	613,892	593	1,005,689	10
120	46,292			1	187	1,901	285	334	1,282		88,352	86,660	1,692	178,246	11
113	43,452					3,443	945	1,033	1,130	335	46,425	44,489	1,936	134,334	12
1,534	807,899					18,336		15,441	2,895		464,034	447,462	16,572	1,331,401	13
3	548					737	120	6	563	48	1,111	1,111		8,948	14
91	51,299	62	17,157	4	252	11,507	8,304	782	2,296	125	85,582	84,459	1,123	227,554	15
		50	13,344			2,106	1,100	65	941		4,859	4,742	117	33,569	16
54	18,980	6	944	13	1,515	4,223	2,490	723	1,010		94,303	92,468	1,835	162,439	17
383	107,074					42,399	305	13,768	28,326		44,483	22,162	22,321	397,681	18
2,417	281,385			5	418	69,882	5,381	24,031	39,695	775	667,654	558,037	109,617	2,214,949	19
526	153,859	683	128,209	466	57,478	117,117	375	12,367	104,375		767,327	721,618	45,709	1,472,835	20
3	770			1	75	670	245		425		1,585	1,570	15	5,140	21
3	984	1	200			821	764	5	52		1,179	907	272	7,400	22
94	32,800					40,186		6,067	34,119		342,389	339,014	3,375	492,772	23
71	20,353	98	14,125	62	6,550	17,997	150	412	17,435		190,441	188,861	1,580	337,939	24
200	26,688			8	556	3,802	132	2,189	1,386	95	805,894	794,731	11,163	932,816	25
335	158,333	1	400	5	460	30,963	926	3,329	25,708	1,000	198,747	189,925	8,822	489,769	26
9	3,754	3	430			1,159	1,020	53	86		6,794	6,758	36	18,903	27
24	9,164					23,585	9,034	2,777	11,774		16,743	15,800	943	81,834	28
153	53,882	1	960			32,634	120	6,810	25,704		64,962	33,095	31,867	273,859	29
1	240					13		0	7		2,202	2,202		3,556	30
4	1,540					1,664	1,470	51	143		3,744	3,611	133	15,372	31
9,597	2,778,515	11	2,465	68	9,800	448,710	7,042	82,063	359,605		8,422,253	8,422,203	50	15,656,110	32
739	233,708			9	1,375	32,256	2,425	5,215	24,041	575	844,248	836,434	7,814	1,315,775	33
147	33,146	1	180			1,599	471	478	550	100	104,211	104,161	50	156,550	34
6	2,268	8	570	2	150	726	537	31	126	32	9,307	9,307		24,285	35
4	3,610	148	35,980	2	97	18,063	12,662	1,614	3,567	220	165,435	164,812	623	322,737	36
61	21,002			5	360	6,267	1,512	1,115	3,640		22,223	21,268	955	81,100	37
52	25,032					2,465	1,240	423	767	35	40,560	40,000	560	115,559	38
1,507	458,714	13	2,493	1	150	337,141	140	44,117	289,884	3,000	4,952,814	4,803,954	148,860	6,681,121	39
113	47,254	219	26,100	87	8,600	8,518		768	7,750		427,490	421,450	6,040	569,000	40
89	38,720	1	366			1,725	1,416	198	111		31,490	31,485	5	98,608	41
13	5,783	3	1,240	1	64	5,399	3,842	557	900	100	20,467	20,042	425	60,623	42
88	35,471			1	155	4,491	2,655	858	978		95,455	94,923	532	170,316	43
21	6,517					455		237	218		4,274	534	3,740	18,400	44
50	26,253	8	2,245	7	741	4,539	2,831	479	1,229		33,088	31,805	1,283	162,497	45
315	144,891	35	9,066	90	10,478	31,372	11,906	2,691	13,417	3,358	114,325	110,350	3,975	560,097	46
5	1,250					550	490		60		10,129	10,004	125	18,150	47
31	14,644			1	75	5,267	3,164	756	1,347		45,047	44,722	325	95,128	48
73	46,452					1,829	319	260	840	410	46,376	45,082	1,294	115,744	49
37	6,805	1	217	1	75	50	15	12	23		41,266	39,195	2,071	55,845	50
75	36,852			1	150	8,795	4,838	474	3,483		94,783	93,755	1,028	182,572	51
2,197	517,039	48	7,568	43	5,803	18,655	1,017	4,178	13,249	211	697,539	684,454	13,085	1,772,435	52
31	15,365			1	120	10,525	7,401	759	2,169	196	17,717	17,323	394	89,845	53
25	5,850			1	60	809	240	45	374	150	11,750	11,420	330	29,220	54
146	34,869	111	16,234	45	4,089	17,817		3,511	14,266	40	103,308	94,778	8,530	172,908	55
319	123,999	193	28,660	48	4,460	20,567	2,353	3,179	14,635	400	459,093	448,756	10,337	809,574	56

undertakers' goods, 1; cooperage, 2; cordage and twine, 1; food preparations, 1; furniture, factory product, 2; hosiery and knit goods, 1; jewelry, 1; liquors, vinous, 2; marble and stone work, 1; paints, 1; paper hanging, 1; patent medicines and compounds, 2; plastering and stuccowork, 2; rice, cleaning and polishing, 2; scales and balances, 1; sewing machine repairing, 1; trunks and valises, 2; upholstering materials, 2; window shades, 1; wood, preserving, 1.

TABLE 7.—MANUFACTURES IN CITIES AND

	CITIES AND TOWNS.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	Total for cities and towns	533	$8,003,530	$852,893	$1,265,574	$3,052,936	$2,832,127	565	391	$350,508	6,389	$2,185,373
2	Aberdeen	32	179,625	18,500	34,400	63,725	63,000	37	9	5,520	194	40,229
3	Biloxi	39	417,902	29,987	45,578	116,451	225,886	40	17	11,300	593	136,441
4	Columbus	57	610,431	65,813	135,134	236,206	173,278	59	29	19,635	534	138,639
5	Corinth	38	441,689	25,425	47,800	98,585	269,879	41	39	47,800	476	151,657
6	Handsboro	5	155,221	16,540	13,520	76,531	48,630	5	6	5,900	133	34,280
7	Jackson	83	953,508	74,111	164,222	392,240	322,935	96	32	60,459	735	263,645
8	Meridian	119	1,923,590	205,359	278,229	849,889	590,113	126	70	75,151	1,416	555,409
9	Natchez	48	1,389,691	156,983	221,696	578,870	432,142	46	47	38,418	746	209,556
10	Scranton	15	372,655	95,350	24,200	112,475	140,630	15	5	6,600	167	66,045
11	Vicksburg	65	1,360,890	150,125	259,525	449,690	501,550	69	75	70,528	1,222	532,784
12	West Point	32	198,328	14,700	41,270	78,274	64,084	31	12	9,197	173	56,738

TOWNS UNDER 20,000 IN POPULATION: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
5,182	$1,983,176	833	$154,624	374	$47,573	$556,103	$68,411	$79,126	$399,878	$8,688	$6,404,518	$6,237,131	$167,387	$11,441,551	1
177	36,109	16	4,000	1	120	10,765	2,577	1,617	6,571	----------	110,914	107,161	3,753	228,278	2
225	89,192	245	33,835	123	13,414	32,022	3,196	1,867	26,959	----------	605,663	596,458	9,205	949,031	3
428	118,223	74	17,051	32	3,365	35,912	5,591	4,752	24,539	1,030	382,498	360,683	21,815	753,539	4
335	132,873	126	17,280	15	1,504	27,875	2,092	2,879	22,869	35	383,877	378,355	5,522	759,542	5
124	33,160	----------	----------	9	1,120	4,070	50	430	3,590	----------	127,833	127,158	675	213,844	6
676	248,582	50	14,118	9	945	84,053	11,171	13,719	52,307	6,856	1,075,845	1,042,676	33,169	1,724,395	7
1,241	524,588	97	23,946	78	6,875	131,938	13,342	20,861	97,153	582	1,700,655	1,668,885	31,770	2,980,217	8
493	159,400	163	32,156	90	18,000	130,764	5,464	14,072	111,153	75	704,037	678,080	25,957	1,270,885	9
165	65,745	----------	----------	2	300	6,532	1,650	613	4,159	110	173,319	172,844	475	326,114	10
1,150	519,681	59	11,423	13	1,630	81,040	21,529	15,005	44,506	----------	949,387	922,116	27,271	1,876,843	11
168	55,623	3	815	2	800	11,132	1,749	3,311	6,072	----------	190,490	182,715	7,775	358,863	12

MISSOURI.

Table 1 shows the manufacturing and mechanical industries of the state of Missouri as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	18,754	14,052	8,592	11,871	3,157	2,923	33.5	63.5	[1]27.6	276.0	8.0
Capital	$249,888,581	$189,558,546	$72,507,844	$80,257,244	$20,034,220	$8,576,607	31.8	161.4	[1]9.7	300.6	133.6
Salaried officials, clerks, etc., number	13,900	[2]18,936	(3)	(3)	(3)	(3)	[1]26.6	------	------	------	------
Salaries	$14,569,606	[2]$16,773,935	(3)	(3)	(3)	(3)	[1]13.1	------	------	------	------
Wage-earners, average number	134,975	124,203	63,995	65,354	19,681	15,808	8.7	94.1	[1]2.1	232.1	24.5
Total wages	$60,719,428	$59,643,429	$24,309,716	$31,055,445	$6,669,916	$4,692,648	1.8	145.3	[1]21.7	365.6	42.1
Men, 16 years and over	106,782	102,418	54,200	55,904	18,628	14,880	4.3	89.0	[1]3.0	200.1	25.2
Wages	$53,921,296	$54,527,944	(3)	(3)	(3)	(3)	[1]1.1	------	------	------	------
Women, 16 years and over	23,683	18,294	5,474	3,884	1,053	928	29.5	234.2	40.9	268.9	13.5
Wages	$6,041,960	$4,603,128	(3)	(3)	(3)	(3)	31.3	------	------	------	------
Children, under 16 years	4,510	3,491	4,321	5,566	(3)	(3)	29.2	[1]19.2	[1]22.4	------	------
Wages	$756,172	$512,357	(3)	(3)	(3)	(3)	47.6	------	------	------	------
Miscellaneous expenses	$41,396,905	$22,885,565	(4)	(4)	(4)	(4)	80.9	------	------	------	------
Cost of materials used	$214,988,018	$177,582,382	$110,798,392	$115,533,269	$23,849,941	$12,798,351	21.1	60.3	[1]4.1	384.4	86.4
Value of products, including custom work and repairing	$385,492,784	$324,561,993	$165,386,205	$206,213,429	$41,782,731	$24,324,418	18.8	96.2	[1]19.8	393.5	71.8
Total population	3,106,665	2,679,184	2,168,380	1,721,295	1,182,012	682,044	16.0	23.6	26.0	45.6	73.3
Wage-earners engaged in manufactures	134,975	124,203	63,995	65,354	19,681	15,808	8.7	94.1	[1]2.1	232.1	24.5
Per cent of total population	4.3	4.6	3.0	3.8	1.7	2.3	------	------	------	------	------
Assessed value of real estate	[5]$1,001,766,464	$599,859,331	$381,985,112	$418,527,535	$153,450,577	$66,802,223	67.0	57.0	[1]8.7	172.7	129.7
Value of land and buildings invested in manufactures[6]	$63,506,339	$46,579,111	(3)	(3)	(3)	(3)	36.3	------	------	------	------
Per cent of assessed value	6.3	7.8	------	------	------	------	------	------	------	------	------

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[3] Not reported separately.
[4] Not reported.
[5] As given for the year 1900 in Dana's supplement, "State and City," to the Commercial and Financial Chronicle, under date of April 13, 1901.
[6] Does not include value of rented property.

Table 1 shows that there has been a large growth in the manufacturing and mechanical industries of Missouri during the half century. The population during these years increased from 682,044 to 3,106,665, while the average number of wage-earners employed in manufacturing establishments increased from 15,808 to 134,975, embracing, in 1900, 4.3 per cent of the entire population, compared with 2.3 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 186,631, or 6 per cent of the total population of the state. Both the greatest percentage of increase in the value of products, 393.5, and the greatest absolute increase, $164,430,698, are shown for the decade ending with 1870. Missouri occupies a most favored position in the Mississippi and Missouri valleys and is richly endowed with natural resources, including an abundance of coal, large deposits of minerals, and extensive timber areas. The mineral belt, called the Ozarks, from the Ozark Mountains, is in the southern and southwestern parts of the state, and its products are noted for variety and purity. They include lead, nickel and cobalt, iron ore, zinc, barytes, granite, marble, limestone, glass or silica sand, and kaolin and other clays. The state has extensive facilities for distributing its products by both rail and water.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for a governmental establishment, educational and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	23,950	$251,343,381	26,332	136,654	$60,792,178	$41,499,635	$215,383,791	$79,754,117	$129,149,683	$6,479,991	$386,737,134
Hand trades[1]	8,599	12,961,322	9,747	22,036	11,286,344	7,243,378	19,169,641	710,770	18,069,146	389,725	49,932,349
Governmental establishment	1	700		3	2,210	300	510		510		3,015
Educational and penal institutions	4	18,900					7,971		6,820	1,151	18,541
Establishments with a product of less than $500	5,191	1,435,200	5,673	1,676	70,535	102,430	387,292	62,739	321,410	3,143	1,222,794
All other establishments	10,155	236,927,259	10,912	112,939	49,433,084	34,153,527	195,818,377	78,980,608	110,751,797	6,085,972	335,560,435

[1] Includes bicycle and tricycle repairing, 96; blacksmithing and wheelwrighting, 2,380; boots and shoes, custom work and repairing, 785; carpentering, 1,104; clothing, men's, custom work and repairing, 745; clothing, women's, dressmaking, 314; dyeing and cleaning, 76; furniture, cabinetmaking, repairing, and upholstering, 204; lock and gun smithing, 105; masonry, brick and stone, 378; millinery, custom work, 695; painting, house, sign, etc., 562; paper hanging, 130; plastering and stuccowork, 171; plumbing, and gas and steam fitting, 358; sewing machine repairing, 19; taxidermy, 2; typewriter repairing, 13; watch, clock, and jewelry repairing, 462.

Of the 23,950 establishments of all classes shown in this table, 13,790, or 57.6 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $51,155,143, or only 13.2 per cent of the total value of the products of the state.

In addition to the 23,950 active establishments in the state during the census year, with a capital of $251,343,381, shown in Table 2, there were 107 idle establishments, with a capital of $2,156,423, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Ammunition	1	$32,000	Liquors, distilled	6	$295,320
Brick and tile	16	220,859	Lumber and timber products	18	25,654
Cooperage	2	48,580	Lumber, planing mill products, including sash, doors, and blinds	5	90,481
Flouring and grist mill products	16	97,755	Pottery, terra cotta, and fire-clay products	2	10,000
Foundry and machine shop products	2	22,826	Slaughtering, wholesale, not including meat packing	1	185,000
Fruits and vegetables, canning and preserving	3	41,890	Tinsmithing, coppersmithing, and sheet-iron working	2	87,000
Furniture, factory product	2	10,935	Woolen goods	1	11,250
Ice, manufactured	1	82,500	All other industries	25	42,870
Iron and steel	2	180,003			
Iron and steel, nails and spikes, cut and wrought, including wire nails	1	285,000			
Lead, smelting and refining	1	386,500			

TABLE 3.—COMPARATIVE SUMMARY OF FOURTEEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	5,139	$113,326,395	59,057	$26,401,101	$25,871,034	$122,972,261	$203,494,824
	1890	3,667	85,918,067	50,674	23,144,690	13,239,315	93,055,297	155,920,549
Increase, 1890 to 1900		1,472	27,408,328	8,383	3,256,411	12,631,719	29,916,964	47,574,275
Per cent of increase		40.1	31.9	16.5	14.1	95.4	32.1	30.5
Per cent of total of all industries in state	1900	27.4	45.4	43.8	43.5	62.5	57.2	52.8
	1890	26.1	45.3	40.8	38.8	57.8	52.4	48.0
Boots and shoes, factory product	1900	50	4,183,979	5,915	2,052,114	643,942	7,993,026	11,253,202
	1890	29	3,712,915	2,716	1,119,390	305,194	2,521,027	4,841,004
Carriages and wagons	1900	377	4,019,087	2,583	1,310,560	251,744	2,733,960	5,583,364
	1890	425	3,963,675	3,026	1,499,133	232,244	2,441,925	5,233,324
Cars and general shop construction and repairs by steam railroad companies.	1900	43	3,645,260	5,581	3,182,753	102,500	3,019,574	6,524,121
	1890	27	1,394,974	2,859	1,737,771	1,637	2,082,326	3,890,542
Cars, steam railroad, not including operations of railroad companies.	1900	4	4,530,982	2,772	1,373,353	198,160	5,101,335	7,722,768
	1890	5	1,442,927	1,854	1,147,604	75,773	2,655,320	3,974,173
Clothing, men's, factory product	1900	148	4,651,882	6,129	1,693,725	685,073	5,095,150	8,925,088
	1890	59	4,966,073	6,113	1,772,799	369,911	4,566,017	8,113,852
Coffee and spice, roasting and grinding	1900	27	2,517,482	499	176,420	212,681	4,303,097	5,266,264
	1890	15	1,089,088	252	113,551	82,406	3,290,476	3,892,792
Confectionery	1900	99	2,842,164	2,058	662,513	439,566	3,476,112	5,554,384
	1890	75	1,440,173	1,454	520,767	149,497	2,120,762	3,584,953
Flouring and grist mill products	1900	1,145	11,402,827	1,654	851,377	520,468	21,937,507	26,393,928
	1890	710	12,630,645	3,011	1,249,091	966,124	29,210,639	34,486,795
Foundry and machine shop products	1900	261	11,606,445	7,084	3,882,749	916,851	6,732,008	15,073,005
	1890	186	11,708,878	6,754	3,807,974	991,125	5,819,009	13,680,773

TABLE 3.—COMPARATIVE SUMMARY OF FOURTEEN LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Liquors, malt	1900	49	$25,731,930	3,150	$1,890,100	$6,137,846	$3,073,011	$13,776,905
	1890	30	16,689,575	2,834	1,847,195	3,114,676	6,563,536	16,954,137
Lumber and timber products	1900	1,197	11,089,799	6,043	2,012,659	321,300	6,410,216	11,177,529
	1890	830	8,245,425	6,703	1,930,504	391,926	4,328,903	8,359,925
Printing and publishing: Total	1900	1,100	11,149,288	7,256	3,774,832	2,167,852	4,706,287	15,355,949
	1890	778	8,052,275	7,423	4,050,989	1,439,861	3,503,733	13,004,440
Book and job	1900	283	4,636,838	3,496	1,717,664	780,325	2,500,782	6,095,752
	1890	176	3,441,785	3,066	1,537,802	391,890	1,785,161	5,039,953
Music	1900	3	4,650	2	1,020	2,187	720	6,100
	1890	6	32,000	19	10,916	4,151	10,444	43,600
Newspapers and periodicals	1900	814	6,507,800	3,758	2,056,148	1,385,340	2,204,785	9,254,097
	1890	596	4,578,490	4,338	2,502,271	1,043,820	1,708,128	7,920,887
Slaughtering: Total	1900	37	7,944,033	3,102	1,440,742	364,267	39,108,137	43,040,885
	1890	68	4,986,780	1,264	645,322	386,743	15,142,352	18,320,193
Slaughtering and meat packing, wholesale	1900	31	7,844,054	3,043	1,416,680	350,599	38,391,243	42,229,127
	1890	41	4,611,745	1,128	557,878	368,108	12,439,412	14,789,012
Slaughtering, wholesale, not including meat packing	1900	6	99,979	59	24,062	13,668	716,894	811,758
	1890	27	375,035	136	87,444	18,635	2,702,940	3,531,181
Tobacco: Total	1900	602	8,011,237	5,231	2,097,204	12,908,784	9,282,841	27,847,432
	1890	430	5,594,664	4,411	1,702,600	4,732,198	8,809,272	17,583,646
Chewing, smoking, and snuff	1900	22	7,020,479	3,720	1,402,549	12,511,008	8,255,857	25,101,446
	1890	26	4,533,925	3,117	1,117,610	4,456,979	8,030,780	15,428,764
Cigars and cigarettes	1900	580	990,758	1,511	694,655	397,776	1,026,984	2,745,986
	1890	404	1,060,739	1,294	584,990	275,219	778,492	2,154,882

The 14 leading industries of the state in 1900, as shown in Table 3, embraced 5,139 establishments, or 27.4 per cent of the total number in the state; used a capital of $113,326,395, or 45.4 per cent of the total; gave employment to 59,057 wage-earners, or 43.8 per cent of the total number; and paid $26,401,101, or 43.5 per cent of the total wages. The value of their products was $203,494,824, or 52.8 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

Table 3 shows that slaughtering and meat packing is the most important industry in the state. The 37 establishments reported in 1900 gave employment to 3,102 wage-earners, or 2.3 per cent of the wage-earners employed in the state, and the products were valued at $43,040,885, or 11.2 per cent of the total value of the products of the state. In 1890 there were 68 establishments, 1,264 wage-earners, and products valued at $18,320,193. The increase in the value of products during the decade was $24,720,692, or 134.9 per cent. This is a greater percentage of increase than is shown for any other selected industry in the state. St. Joseph and St. Louis are principal centers, in the order named. Missouri has profited by the trend of the industry toward the corn states and the great cattle ranges.

The manufacture of tobacco ranks second among the industries of the state, with 602 establishments, 5,231 wage-earners, and products valued at $27,847,432. In 1890 there were 430 establishments, 4,411 wage-earners, and products valued at $17,583,646. The increase in the value of products during the decade was $10,263,786, or 58.4 per cent. Missouri is not one of the great tobacco-growing states, although it raised 9,370,000 pounds in 1898,[1] but it has become a great center for the manufacture of chewing and smoking tobacco and snuff.

There were 1,145 establishments engaged in 1900 in the manufacture of flouring and grist mill products, the industry third in rank, with 1,654 wage-earners, and products valued at $26,393,928. In 1890 there were 710 establishments, 3,011 wage-earners, and products valued at $34,486,795. The decrease in the value of products during the decade was $8,092,867, or 23.5 per cent. Although this industry shows a decline, it is still important. In the state, exclusive of St. Louis, there was a slight increase. The decrease in St. Louis is accredited to the opening up of less developed country to the west and southwest by railway facilities, which connect the great grain-producing centers with the markets by shorter freight lines. One milling firm in St. Louis, which, prior to 1890, shipped annually 150,000 barrels of flour to Texas, now manufactures 1,200 barrels daily in that state. In other instances also the manufacture of flouring and grist mill products is carried on either near the markets or the grain centers.

There were 1,100 establishments engaged in printing and publishing in 1900, with 7,256 wage-earners, and products valued at $15,355,949. In 1890 there were 778 establishments, 7,423 wage-earners, and products valued at $13,004,440. The increase in the value of products during the decade was $2,351,509, or 18.1 per cent.

There were 261 establishments engaged in the manufacture of foundry and machine shop products in 1900, with

[1] Report of the Missouri State Board of Agriculture, 1899, page 6.

7,084 wage-earners, and products valued at $15,073,005. In 1890 there were 186 establishments, 6,754 wage-earners, and products valued at $13,680,773. The increase in the value of products during the decade was $1,392,232, or 10.2 per cent.

There were 49 establishments engaged in the manufacture of malt liquors in 1900, with 3,150 wage-earners, and products valued at $13,776,905. In 1890 there were 30 establishments, 2,834 wage-earners, and products valued at $16,954,137. The decrease in the value of products during the decade was $3,177,232, or 18.7 per cent. Although the value of products decreased from the value reported in 1890, there was an increase in the quantity of products and in the number of establishments, capital, number of wage-earners, and wages paid. There are a number of notable malt liquor establishments in the state, particularly at St. Louis.

There were 50 establishments engaged in the factory manufacture of boots and shoes in 1900, with 5,915 wage-earners, and products valued at $11,253,202. In 1890 there were 29 establishments, 2,716 wage-earners, and products valued at $4,841,004. The increase in the value of products during the decade was $6,412,198, or 132.5 per cent. Although this is a comparatively new industry in the West, Missouri has made a rapid advance. Only one other manufacture in the state exceeds this in percentage of increase in value of products. Missouri is now eighth in rank in the United States in the factory manufacture of boots and shoes; it was ninth in 1890.

There were 1,197 establishments engaged in the manufacture of lumber and timber products in 1900, with 6,043 wage-earners, and products valued at $11,177,529. In 1890 there were 830 establishments, 6,703 wage-earners, and products valued at $8,359,925. The increase in the value of products during the decade was $2,817,604, or 33.7 per cent.

There were 148 establishments engaged in the factory manufacture of men's clothing in 1900, with 6,129 wage-earners, and products valued at $8,925,088. In 1890 there were 59 establishments, 6,113 wage-earners, and products valued at $8,113,852. The increase in the value of products during the decade was $811,236, or 10 per cent.

There were 4 establishments, not operated by steam railroad companies, engaged in the manufacture of steam railroad cars in 1900, with 2,772 wage-earners, and products valued at $7,722,768. In 1890 there were 5 establishments, 1,854 wage-earners, and products valued at $3,974,173. The increase in the value of products during the decade was $3,748,595, or 94.3 per cent. There are only 2 industries in the state that show a larger percentage of increase in value of products.

There were 43 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 5,581 wage-earners, and products valued at $6,524,121. In 1890 there were 27 establishments, 2,859 wage-earners, and products valued at $3,890,542. The increase in the value of products during the decade was $2,633,579, or 67.7 per cent. These establishments are located at railway centers, and the remarkable increase in all particulars shows that Missouri is not only a great distributing center, but a highway for the transportation of commodities.

There were 377 establishments engaged in the manufacture of carriages and wagons in 1900, with 2,583 wage-earners, and products valued at $5,583,364. In 1890 there were 425 establishments, 3,026 wage-earners, and products valued at $5,233,324. The increase in the value of products during the decade was $350,040, or 6.7 per cent.

There were 99 establishments engaged in the manufacture of confectionery in 1900, with 2,058 wage-earners, and products valued at $5,554,384. In 1890 there were 75 establishments, 1,454 wage-earners, and products valued at $3,584,953. The increase in the value of products during the decade was $1,969,431, or 54.9 per cent.

There were 27 establishments engaged in roasting and grinding coffee and spice in 1900, with 499 wage-earners, and products valued at $5,266,264. In 1890 there were 15 establishments, 252 wage-earners, and products valued at $3,892,792. The increase in the value of products during the decade was $1,373,472, or 35.3 per cent.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Kansas City, St. Joseph, St. Louis, and Springfield, as returned at the censuses of 1890 and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, KANSAS CITY, ST. JOSEPH, ST. LOUIS, AND SPRINGFIELD, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
The State	1900	18,754	$249,888,581	134,975	$60,719,428	$41,396,905	$214,988,018	$385,492,784
	1890	14,052	189,558,546	124,203	59,643,429	22,885,565	177,582,382	324,561,993
Per cent of increase		33.5	31.8	8.7	1.8	80.9	21.1	18.8
Kansas City	1900	1,797	26,437,307	15,381	7,783,652	3,545,069	18,214,198	36,527,392
	1890	1,478	14,104,620	12,611	7,445,326	1,901,313	16,361,184	31,936,366
Per cent of increase		21.6	87.4	22.0	4.5	86.5	11.3	14.4
St. Joseph	1900	440	11,068,825	7,429	3,109,647	1,160,912	25,068,215	31,690,736
	1890	276	5,230,697	4,579	1,970,231	496,472	7,848,353	11,916,141
Per cent of increase		59.4	111.6	62.2	57.8	133.8	219.4	165.9
St. Louis	1900	6,732	162,179,331	82,672	38,191,076	33,271,804	117,861,443	233,629,733
	1890	6,148	141,872,386	82,911	41,794,734	17,734,350	122,216,570	229,157,343
Per cent of increase		9.5	14.3	[1]0.3	[1]8.6	87.6	[1]3.6	2.0
Springfield	1900	245	2,111,048	2,127	1,017,345	154,290	2,274,705	4,126,871
	1890	277	1,454,613	1,296	584,353	270,601	1,657,877	3,062,095
Per cent of increase		[1]11.6	45.1	64.1	74.1	[1]43.0	37.2	34.8
Total for 4 cities	1900	9,214	201,796,511	107,609	50,101,720	38,132,075	163,418,561	305,974,732
	1890	8,179	162,662,316	101,397	51,794,644	20,402,736	148,083,984	276,071,945
Per cent of increase		12.7	24.1	6.1	[1]3.3	86.9	10.4	10.8
Per cent of 4 cities to total for state	1900	49.1	80.8	79.7	82.5	92.1	76.0	79.4
	1890	58.2	85.8	81.6	86.8	89.2	83.4	85.1

[1] Decrease.

It appears from Table 4 that there has been a considerable increase during the past decade in the combined manufactures of these 4 cities. The number of establishments increased from 8,179 to 9,214, or 12.7 per cent; the average number of wage-earners, from 101,397 to 107,609, or 6.1 per cent; and the value of products from $276,071,945 to $305,974,732, or 10.8 per cent. The percentage of increase in each of these particulars was smaller in these 4 cities than in the state as a whole. The city of St. Joseph shows the most rapid growth, the value of products having increased from $11,916,141 to $31,690,736, or 165.9 per cent. This phenomenal increase was caused by the location there of large slaughtering and meat packing plants and industries incident thereto. In St. Louis, the leading city, the number of establishments increased from 6,148 to 6,732, or 9.5 per cent, and the value of products from $229,157,343 to $233,629,733, or 2 per cent, while the average number of wage-earners decreased from 82,911 to 82,672, or three-tenths of 1 per cent. The number of establishments, number of wage-earners, and value of products, in this city in 1900, constituted 35.9, 61.2, and 60.6 per cent, respectively, of the totals for the state. That the increase in the value of products of St. Louis is small, is due, in part, to the removal of manufactures to more favorable localities for fuel and transportation, notably to East St. Louis, Madison, and Granite City, manufacturing points situated opposite St. Louis, on the Mississippi River, and to the West.

Table 5 presents the totals for the manufacturing industries of the 25 cities withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	PRODUCTS.			POPULATION.		
				Average number.	Total wages.			Value.	Rank.	Per cent of total.	Total.	Rank.	Per cent of total.
Total for state	18,754	$249,888,581	20,659	134,975	$60,719,428	$41,396,905	$214,988,018	$385,492,784	-------	100.0	3,106,665	-------	100.0
Total for urban manufactures	11,017	215,555,313	11,353	117,179	54,296,344	39,819,437	177,327,402	329,635,915	-------	85.5	1,032,732	-------	33.2
Boonville	97	299,128	119	203	89,426	28,129	271,425	473,455	17	0.1	4,377	23	0.1
Brookfield	64	101,293	74	193	89,698	12,109	135,336	329,889	23	0.1	5,484	16	0.2
Cape Girardeau	94	431,170	115	282	105,009	35,871	331,749	612,259	15	0.2	4,815	21	0.2
Carrollton	48	215,760	60	120	41,445	11,525	185,757	311,368	24	0.1	3,854	25	0.1
Carthage	94	859,385	107	523	217,237	90,658	543,592	1,176,981	10	0.3	9,416	9	0.3
Chillicothe	111	323,685	133	290	114,007	20,154	309,296	608,767	16	0.1	6,905	15	0.2
Clinton	62	333,364	72	172	69,099	15,747	195,664	372,194	21	0.1	5,061	20	0.2
Hannibal	172	1,890,718	170	1,420	611,859	141,634	1,890,909	3,025,349	7	0.8	12,780	7	0.4
Independence	64	505,645	63	220	100,982	39,775	604,002	886,354	14	0.2	6,974	14	0.2
Jefferson City	99	1,627,434	100	455	169,124	589,999	2,279,573	3,361,998	5	0.9	9,664	8	0.3
Joplin	123	1,411,495	146	951	516,080	110,962	1,854,817	2,961,793	8	0.8	26,023	4	0.8
Kansas City	1,797	26,437,307	1,949	15,381	7,783,652	3,545,069	18,214,198	36,527,392	2	9.5	163,752	2	5.3
Louisiana	75	453,470	82	319	90,531	233,318	365,794	908,088	13	0.2	5,131	18	0.2
Maryville	69	180,075	84	155	66,789	15,489	160,015	333,883	22	0.1	4,577	22	0.1
Mexico	84	261,617	94	194	68,230	23,423	215,074	415,894	20	0.1	5,099	19	0.2
Moberly	84	551,453	91	766	353,641	42,120	421,410	950,664	12	0.2	8,012	11	0.3
Nevada	81	437,924	91	403	190,232	38,160	693,372	1,046,616	11	0.3	7,461	13	0.2
Rich Hill	48	224,609	60	115	42,659	12,061	164,148	255,132	25	0.1	4,053	24	0.1
St. Charles	75	1,940,719	80	1,275	601,987	126,412	1,982,519	3,145,662	6	0.8	7,982	12	0.3
St. Joseph	440	11,068,825	462	7,429	3,109,647	1,160,912	25,068,215	31,690,736	3	8.2	102,979	3	3.3
St. Louis	6,732	162,179,331	6,657	82,672	38,191,076	33,271,804	117,861,443	233,629,733	1	60.6	575,238	1	18.5
Sedalia	131	1,293,053	131	1,098	463,787	69,949	811,697	1,599,326	9	0.4	15,231	6	0.5
Springfield	245	2,111,048	273	2,127	1,017,345	154,290	2,274,705	4,126,871	4	1.1	23,267	5	0.7
Trenton	86	205,715	98	252	113,508	17,817	247,841	459,748	18	0.1	5,396	17	0.2
Webb City	42	211,090	42	164	79,294	12,050	244,851	425,763	19	0.1	9,201	10	0.3
Total for state exclusive of urban manufactures	7,737	34,333,268	9,306	17,796	6,423,084	1,577,468	37,660,616	55,856,869	-------	14.5	2,073,933	-------	66.8
Per cent of urban manufactures to total for state	58.7	86.3	55.0	86.8	89.4	96.2	82.5	85.5	-------	-------	33.2	-------	-------

Of the 18,754 establishments in the state, 11,017, or 58.7 per cent, were located in these 25 cities. They furnished employment to 117,179 wage-earners, or 86.8 per cent of the total number; and the value of their products, $329,635,915, formed 85.5 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Joplin, Kansas City, St. Joseph, St. Louis, and Springfield by specified industries.

Table 9 shows the totals for all industries in the cities withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

	COUNTIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	18,754	$249,888,581	$26,757,573	$36,748,766	$70,040,656	$116,341,586	20,659	13,900	$14,569,606	134,975	$60,719,428
2	Adair	71	174,357	30,285	27,950	61,150	54,972	86	6	5,180	175	65,166
3	Andrew	66	194,687	15,060	36,615	75,677	67,335	88	4	2,025	98	29,853
4	Atchison	58	135,839	9,553	26,595	50,865	48,826	68	2	600	94	32,838
5	Audrain	144	346,250	34,740	58,435	117,367	135,708	169	14	6,190	247	84,952
6	Barry	68	206,807	20,548	50,335	104,605	31,319	80	6	5,055	140	65,396
7	Barton	86	127,383	7,170	23,375	48,920	47,918	93	1	675	80	27,480
8	Bates	167	430,110	35,978	80,320	221,390	92,422	200	9	8,336	229	78,047
9	Benton	52	73,779	4,870	13,320	36,110	19,479	64	------	------	31	9,183
10	Bollinger	40	89,176	13,775	12,695	36,626	26,080	56	2	1,440	99	30,795
11	Boone	118	405,468	41,425	64,405	144,744	154,894	129	8	5,160	279	100,359
12	Buchanan	473	13,411,636	1,018,705	2,388,022	3,601,067	6,403,842	500	612	559,768	8,292	3,482,585
13	Butler	51	1,084,308	217,373	113,903	381,052	371,980	58	32	34,775	761	239,697
14	Caldwell	100	173,495	12,785	41,090	54,005	65,615	119	4	450	119	38,298
15	Callaway	94	324,727	51,767	70,250	98,620	104,090	111	12	8,832	186	63,012
16	Camden	45	103,791	44,591	12,905	39,475	6,820	56	------	------	30	10,070
17	Cape Girardeau	170	824,740	102,527	127,987	211,801	382,425	195	40	23,689	428	157,482
18	Carroll	119	335,096	23,921	62,795	101,140	147,240	143	9	4,760	191	63,904
19	Carter	19	1,290,620	313,550	111,150	335,235	530,685	17	17	9,868	519	185,503
20	Cass	131	222,579	22,225	54,095	84,066	62,193	161	2	610	90	31,900
21	Cedar	75	126,997	17,835	18,630	53,096	37,436	98	1	720	56	20,141
22	Chariton	110	328,932	35,789	74,516	119,975	98,652	137	4	1,530	120	40,248
23	Christian	48	102,255	9,052	16,835	46,040	30,328	53	7	1,875	79	16,036
24	Clark	38	156,795	17,082	39,075	58,684	41,954	45	2	1,020	101	36,715
25	Clay	70	254,643	19,090	42,909	84,896	107,748	79	13	6,825	126	42,348
26	Clinton	81	179,165	13,750	23,095	60,323	81,997	92	5	3,260	100	41,721
27	Cole	140	1,713,055	76,540	105,273	324,974	1,206,268	151	179	179,345	509	188,480
28	Cooper	149	421,427	29,025	98,991	145,494	147,917	186	13	7,759	272	112,858
29	Crawford	34	75,112	6,830	10,929	29,875	27,478	37	4	692	17	5,523
30	Dade	71	157,506	11,615	46,347	56,131	43,413	89	4	2,244	54	20,053
31	Dallas	31	63,893	4,970	7,570	30,350	20,503	44	------	------	24	7,103
32	Daviess	99	167,108	18,744	22,147	65,061	61,156	122	3	825	87	32,738
33	Dekalb	51	83,146	5,065	15,690	34,641	27,750	57	------	------	40	13,889
34	Dent	54	392,122	56,033	136,520	56,629	142,940	66	18	11,565	295	80,891
35	Douglas	39	96,151	29,300	8,390	37,895	20,566	60	1	300	50	13,907
36	Dunklin	51	476,601	76,550	48,170	190,543	161,338	54	30	21,224	566	181,520
37	Franklin	168	750,873	62,047	217,684	180,056	291,086	185	51	34,677	468	179,842
38	Gasconade	75	396,417	27,096	154,070	66,857	148,394	90	10	7,525	57	17,415
39	Gentry	103	284,528	25,430	53,930	117,646	87,522	132	4	4,080	236	99,264
40	Greene	318	2,666,143	184,625	598,466	767,678	1,115,374	349	155	113,065	2,520	1,129,609
41	Grundy	129	252,584	19,315	48,564	88,745	95,960	149	23	13,646	282	121,777
42	Harrison	124	200,010	24,735	37,200	77,850	60,225	160	6	3,698	121	33,748
43	Henry	166	501,540	45,044	102,708	203,796	149,992	190	21	16,067	270	98,169
44	Hickory	37	50,873	3,560	12,410	26,250	8,653	45	------	------	20	6,951
45	Holt	90	267,137	35,332	51,460	89,053	91,292	103	17	6,056	144	40,611
46	Howard	92	248,029	18,975	52,835	87,471	88,748	123	7	4,590	115	39,047
47	Howell	75	185,423	13,400	24,755	81,120	66,148	103	2	576	102	35,822
48	Iron	55	549,231	125,200	80,795	238,807	104,429	59	18	16,202	288	96,055
49	Jackson	1,913	27,290,249	2,333,517	2,416,367	12,152,331	10,388,034	2,069	1,560	1,504,766	15,771	7,969,358
50	Jasper	343	2,951,140	349,916	464,881	712,528	1,423,815	385	121	110,283	1,825	909,958
51	Jefferson	107	2,044,111	184,876	586,517	875,008	397,710	110	49	39,853	962	491,165
52	Johnson	124	335,668	31,278	73,430	124,408	106,552	149	7	3,810	149	56,556
53	Knox	45	114,508	8,545	17,165	33,307	55,491	60	------	------	46	16,844
54	Laclede	48	100,307	9,015	17,380	46,485	27,427	60	------	------	37	12,364
55	Lafayette	169	557,775	63,755	111,235	181,946	200,839	181	82	18,205	303	96,283
56	Lawrence	143	465,483	31,463	89,033	150,338	194,649	170	20	8,796	310	106,329
57	Lewis	90	215,704	12,593	40,852	83,516	78,743	105	8	4,750	180	46,599
58	Lincoln	72	175,107	14,325	26,500	59,475	74,807	91	5	375	98	30,543
59	Linn	173	374,761	25,436	66,368	180,508	102,449	203	12	6,754	391	160,730
60	Livingston	150	395,203	42,812	61,863	131,585	158,943	182	13	10,000	324	125,078
61	McDonald	58	125,179	8,735	25,385	51,525	39,534	75	1	600	85	27,295
62	Macon	122	487,543	34,157	50,335	138,203	264,848	150	22	13,125	250	92,745
63	Madison	47	242,649	21,840	45,225	71,050	104,534	64	10	7,160	158	53,305
64	Maries	30	41,809	2,832	7,115	20,225	11,637	31	1	500	14	4,692
65	Marion	222	2,013,110	143,212	285,443	509,658	1,074,797	236	146	118,055	1,470	630,523
66	Mercer	53	92,239	10,050	18,680	35,185	28,324	70	------	------	85	12,147
67	Miller	38	83,265	5,800	16,615	37,895	22,955	47	2	1,100	31	10,547
68	Mississippi	33	525,405	96,760	37,225	161,455	229,965	40	9	8,170	196	61,895
69	Moniteau	90	235,267	24,800	45,690	60,230	104,547	119	13	5,748	114	43,299
70	Monroe	86	149,985	6,005	24,145	47,140	72,695	102	1	800	80	28,890
71	Montgomery	72	175,966	46,580	29,885	52,656	46,845	85	5	1,030	77	24,192
72	Morgan	30	44,075	10,295	11,025	16,760	5,995	35	1	400	16	6,212
73	New Madrid	45	691,778	283,990	31,925	121,236	254,627	59	14	14,550	420	135,675
74	Newton	93	309,399	40,277	50,138	98,474	120,510	120	17	12,000	197	84,394
75	Nodaway	173	341,229	38,343	79,890	105,945	117,051	210	12	4,336	248	95,478
76	Oregon	50	77,385	16,730	10,920	33,090	16,645	61	3	1,170	67	22,264

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
106,782	$53,921,296	23,683	$6,041,960	4,510	$756,172	$41,396,905	$3,339,156	$1,164,351	$29,323,858	$7,569,545	$214,988,018	$210,666,211	$4,321,807	$385,492,784	1
147	59,847	18	4,540	10	779	9,277	4,536	747	3,979	15	290,852	286,978	3,874	452,286	2
82	27,521	13	2,060	3	272	6,868	2,576	828	3,464	------	149,201	145,198	4,003	264,041	3
83	31,057	3	945	8	836	6,643	1,968	717	3,758	200	66,308	61,896	4,412	153,190	4
199	77,492	39	6,764	9	696	28,206	8,797	1,413	17,996	------	295,141	285,432	9,709	562,122	5
181	63,959	6	1,223	3	214	7,183	1,323	1,315	4,545	------	303,532	297,106	6,426	451,872	6
67	25,606	7	1,269	6	605	9,319	2,751	587	5,790	191	104,303	101,715	2,588	200,079	7
199	73,363	20	4,037	10	647	21,065	9,428	2,327	9,275	35	334,235	327,546	6,689	566,623	8
25	8,263	4	770	2	150	3,648	1,266	565	1,742	75	84,030	82,097	1,933	133,215	9
97	30,645	------	------	2	150	3,183	432	559	2,117	75	99,800	98,530	1,270	180,616	10
216	88,667	53	10,434	10	1,258	26,828	7,820	1,672	17,261	75	280,531	270,233	10,298	559,290	11
5,780	2,858,313	2,298	587,252	214	37,020	1,229,339	116,479	45,853	871,455	195,552	34,905,720	34,640,831	264,889	42,467,681	12
697	227,204	5	1,094	59	11,399	42,686	3,468	4,677	34,541	------	564,235	560,780	3,455	1,036,307	13
92	33,960	22	3,888	5	450	10,039	3,864	852	5,323	------	261,848	256,484	5,364	410,516	14
159	57,633	20	4,588	7	791	11,533	3,483	1,661	6,189	200	217,607	205,660	11,947	393,532	15
30	10,070	------	------	------	------	1,976	760	377	839	------	70,886	69,513	1,373	113,847	16
410	155,193	5	1,033	13	1,256	59,415	6,913	4,397	47,855	250	933,776	912,682	21,094	1,414,121	17
165	57,773	24	5,931	2	200	16,628	5,890	1,614	9,116	8	274,730	266,831	7,899	474,172	18
511	183,268	3	1,000	5	1,235	25,523	93	11,218	14,207	------	936,331	936,035	296	1,270,276	19
77	29,393	12	2,357	1	150	8,931	3,343	1,403	4,185	------	153,982	149,441	4,541	287,560	20
46	17,796	7	1,970	3	375	6,269	2,793	1,041	2,435	------	127,401	125,202	2,199	215,940	21
97	36,305	14	2,941	9	1,002	21,384	2,875	1,397	17,012	100	259,893	253,823	6,070	412,481	22
33	10,687	29	3,661	17	1,688	4,621	1,355	610	2,656	------	131,712	128,945	2,767	190,757	23
91	35,082	4	757	6	876	13,407	797	693	11,552	365	161,004	158,378	2,626	262,482	24
103	37,237	16	4,324	7	787	11,886	3,986	895	6,480	525	248,147	239,627	8,520	400,880	25
84	37,555	16	4,166	------	------	10,221	4,865	1,009	4,097	250	142,424	140,471	1,953	269,646	26
403	170,433	65	14,172	41	3,875	592,283	11,776	5,519	159,767	415,221	2,364,590	2,342,660	21,930	3,514,143	27
223	104,141	29	5,909	20	2,808	31,569	7,058	2,617	21,282	612	399,273	390,794	8,479	676,260	28
13	4,823	1	200	3	500	2,799	1,128	420	1,251	------	93,246	91,861	1,385	127,804	29
48	19,153	4	750	2	150	5,832	1,307	806	3,664	55	201,061	193,956	7,105	303,112	30
17	5,754	6	1,229	1	120	2,254	648	380	1,226	------	96,305	94,546	1,759	135,614	31
72	29,673	10	2,405	5	660	9,702	3,642	1,187	4,823	50	156,697	153,571	3,126	280,069	32
32	12,304	7	1,385	1	200	4,128	1,528	504	2,096	------	65,932	64,108	1,824	124,246	33
285	79,752	3	491	7	648	26,255	1,065	2,401	9,789	13,000	247,357	198,928	48,429	423,377	34
50	13,907	------	------	------	------	3,163	200	525	2,438	------	81,315	80,312	1,003	125,759	35
549	179,520	------	------	17	2,000	22,749	847	2,406	19,456	40	423,121	417,318	5,803	812,358	36
407	171,009	27	4,910	34	3,923	58,670	2,807	4,802	49,756	1,305	642,575	624,000	18,575	1,089,401	37
50	16,185	5	950	2	280	20,283	914	1,514	17,625	230	174,456	169,148	5,308	288,820	38
215	95,714	15	2,840	6	710	14,887	3,319	1,632	9,219	717	155,009	142,697	12,312	353,733	39
2,224	1,075,429	249	48,367	47	5,813	175,052	29,408	16,668	85,837	43,139	2,916,206	2,823,594	92,612	5,020,119	40
248	115,272	32	6,269	2	236	19,700	7,761	2,353	8,973	613	277,357	267,580	9,777	524,112	41
82	27,584	29	4,909	10	1,255	9,995	3,188	1,181	5,626	------	197,839	193,806	4,033	338,990	42
216	87,820	28	6,333	26	4,016	33,084	7,411	2,820	22,853	------	320,017	297,395	22,622	613,556	43
18	6,796	------	------	2	155	1,616	522	861	733	------	56,610	55,170	1,440	86,570	44
98	34,623	36	5,032	10	956	14,366	2,992	1,039	9,681	654	218,185	211,951	6,234	359,421	45
86	33,224	21	4,696	8	1,127	13,814	3,861	1,453	8,400	100	305,781	300,363	5,418	447,469	46
87	33,030	9	2,036	6	756	8,540	2,102	1,002	5,436	------	295,783	291,228	4,555	430,251	47
278	94,496	3	625	7	934	21,830	5,567	1,958	14,305	------	241,599	238,835	2,764	492,911	48
12,160	7,074,169	3,304	840,385	307	54,804	3,603,863	502,173	131,761	1,953,046	1,016,883	19,025,175	18,555,174	470,001	37,827,405	49
1,597	859,874	201	46,441	27	3,643	232,163	40,410	14,052	132,123	45,578	3,207,858	3,115,212	92,646	5,461,913	50
950	488,095	8	2,370	4	700	31,065	3,985	5,652	20,123	1,305	2,204,838	2,096,409	108,429	2,896,996	51
134	52,410	19	3,401	6	745	19,392	7,184	2,707	9,101	400	325,658	319,897	5,761	509,789	52
39	15,751	4	758	3	335	4,355	1,022	514	2,804	15	67,150	65,310	1,840	133,657	53
32	11,691	2	400	3	273	5,200	1,171	596	3,370	63	112,049	110,093	1,956	165,182	54
204	79,193	75	14,185	24	2,905	35,222	8,037	4,104	22,606	475	639,182	625,235	13,947	993,430	55
236	96,421	55	8,069	19	1,839	27,871	4,413	3,959	19,207	292	646,353	631,266	15,087	962,106	56
115	37,166	54	8,087	11	1,346	10,994	2,256	1,055	7,683	------	144,502	139,828	4,674	292,738	57
69	27,410	21	2,254	8	879	5,853	1,915	912	2,986	40	192,758	188,699	4,059	306,489	58
346	153,128	35	6,092	10	1,510	25,113	11,805	1,839	11,469	------	359,044	316,540	42,504	729,562	59
259	111,363	55	12,450	10	1,265	21,687	9,177	2,155	9,983	372	382,759	376,141	6,618	729,665	60
83	27,078	------	------	2	217	5,291	1,486	629	3,176	------	192,483	189,231	3,252	289,739	61
209	84,464	29	6,201	12	2,080	30,448	11,625	1,853	15,815	1,155	265,061	253,499	11,562	522,132	62
156	53,100	1	130	1	75	4,325	892	1,374	2,059	------	293,140	286,145	6,995	469,671	63
12	4,342	------	------	2	350	666	166	189	311	------	39,394	38,551	843	65,242	64
1,232	588,908	222	39,964	16	1,651	146,863	19,346	8,727	116,940	1,850	1,968,275	1,924,594	43,681	3,178,255	65
31	11,597	1	260	3	290	3,493	1,138	586	1,729	40	88,515	86,233	2,282	141,428	66
30	10,366	------	------	1	181	1,784	176	550	1,058	------	98,259	95,953	2,306	148,701	67
190	60,857	------	------	6	1,038	10,361	897	1,520	7,944	------	288,447	286,518	1,929	482,409	68
101	40,971	6	1,346	7	982	14,424	3,279	1,559	4,566	5,020	193,969	189,623	4,346	336,827	69
73	27,670	2	400	5	820	7,156	3,888	652	2,416	200	88,259	85,322	2,937	188,070	70
55	20,937	11	2,025	11	1,230	3,473	958	1,000	1,430	85	143,080	139,796	3,284	242,999	71
16	6,212	------	------	------	------	613	126	299	188	------	38,185	37,270	915	65,999	72
401	132,605	1	130	18	2,940	23,014	608	3,421	18,985	------	288,499	286,379	2,120	561,608	73
172	79,734	24	4,580	1	80	12,179	4,144	1,364	6,671	------	449,455	442,230	7,225	749,900	74
189	84,941	40	8,036	19	2,501	20,108	8,200	1,991	9,917	------	316,055	303,215	12,840	606,711	75
59	21,274	2	350	6	640	2,892	919	489	1,484	------	148,451	145,921	2,530	227,911	76

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
77	Osage	60	$145,699	$14,515	$26,425	$50,075	$54,684	71	1	$500	43	$15,753
78	Ozark	28	50,538	7,105	5,485	27,715	10,233	36			20	7,602
79	Pemiscot	43	818,723	370,983	28,818	204,314	214,608	55	15	12,200	458	151,482
80	Perry	65	177,172	10,290	25,915	60,674	80,293	76	3	1,884	50	22,690
81	Pettis	174	1,348,263	130,308	300,402	452,370	465,183	184	80	57,905	1,121	470,977
82	Phelps	67	99,821	11,490	19,709	44,140	24,482	79	1	1,140	60	22,946
83	Pike	166	1,560,115	78,145	167,049	277,365	1,037,556	187	130	120,023	687	217,776
84	Platte	72	184,052	10,205	41,015	84,985	47,847	76	7	5,750	98	33,977
85	Polk	83	274,960	14,505	45,510	78,915	136,030	108	12	4,130	114	29,168
86	Pulaski	37	74,730	6,735	17,620	36,905	13,470	41	3	900	25	8,383
87	Putnam	49	136,843	12,630	17,935	38,700	67,578	65	7	6,600	60	19,007
88	Ralls	23	65,014	3,205	19,380	16,969	25,460	30	4	3,400	108	34,320
89	Randolph	130	661,643	68,895	184,100	237,189	171,459	148	50	43,743	818	368,809
90	Ray	70	149,835	13,430	33,100	55,570	47,735	84	2	350	90	28,948
91	Reynolds	35	69,525	9,795	6,060	36,245	17,425	43	1	250	74	23,915
92	Ripley	46	417,267	142,637	21,672	161,497	91,461	52	34	20,563	337	82,314
93	St. Charles	129	2,127,078	95,565	413,740	488,712	1,129,061	136	64	62,003	1,333	620,624
94	St. Clair	85	128,942	10,295	26,438	57,090	35,119	97	6	2,510	62	17,775
95	Ste. Genevieve	61	321,875	55,040	65,530	99,099	102,206	76	14	9,300	95	34,536
96	St. Francois	76	507,537	49,815	89,585	63,097	305,040	104	16	12,712	312	142,212
97	St. Louis	183	1,143,912	214,425	273,656	189,541	466,290	188	51	69,826	664	295,801
98	St. Louis city	6,732	162,179,331	17,360,313	23,899,872	39,870,415	81,048,731	6,657	9,778	10,994,620	82,672	38,191,076
99	Saline	136	448,749	36,818	90,150	173,250	148,531	159	17	11,720	209	74,459
100	Schuyler	51	121,420	9,540	20,745	59,055	32,080	66	1	468	47	14,578
101	Scotland	72	121,565	9,270	24,530	46,735	41,030	91	6	2,914	101	31,499
102	Scott	37	150,955	21,645	20,680	53,032	55,598	42	5	2,520	110	39,328
103	Shannon	37	1,036,700	390,421	30,080	251,947	364,252	53	31	29,958	366	146,356
104	Shelby	64	164,990	19,205	45,400	48,785	51,600	85			74	23,189
105	Stoddard	79	444,591	53,518	44,940	129,278	216,855	101	21	17,294	407	153,702
106	Stone	22	33,220	7,655	3,685	15,235	6,645	27			15	6,600
107	Sullivan	76	155,471	17,415	28,261	62,206	47,589	108	6	2,194	70	18,345
108	Taney	28	52,499	5,580	6,850	26,390	13,679	37			21	6,403
109	Texas	70	145,373	27,190	18,250	77,462	22,471	84	1	480	84	27,440
110	Vernon	149	534,856	42,640	150,350	181,805	160,061	172	31	19,705	459	212,098
111	Warren	30	75,173	4,673	14,050	20,555	35,895	38			24	7,925
112	Washington	33	144,157	65,955	20,060	35,041	23,101	34	9	3,200	71	23,13[illegible]
113	Wayne	49	1,575,205	399,045	179,601	593,287	403,272	59	25	20,579	458	159,42[illegible]
114	Webster	37	67,109	4,270	15,240	30,190	17,409	54			15	5,081
115	Worth	52	92,325	10,505	19,460	38,925	23,435	65			44	15,323
116	Wright	54	123,005	11,088	19,980	49,883	42,054	71	1	150	38	10,091

TABLE 7.—MANUFACTURES BY

1	All industries	18,754	$249,888,581	$26,757,573	$36,748,766	$70,040,656	$116,341,586	20,659	13,900	$14,569,606	134,975	$6[illegible],719,428
2	Agricultural implements	26	1,412,165	129,735	176,565	283,845	822,020	25	81	101,977	493	242,307
3	Ammunition	3	106,000	30,000	28,000	13,600	34,400	1	5	8,400	21	11,550
4	Artificial limbs	7	12,200	20	80	3,100	9,000	6	3	1,200	12	7,463
5	Awnings, tents, and sails	19	265,156		500	35,842	228,814	19	72	49,228	371	111,672
6	Babbitt metal and solder	4	660,310	41,001	79,765	36,186	503,358	3	32	47,730	64	35,070
7	Baking and yeast powders	17	170,962	13,250	3,150	20,335	134,227	14	54	60,610	105	31,084
8	Baskets, and rattan and willow ware	8	442,638	40,000	87,000	27,246	288,392	8	15	17,100	269	103,892
9	Belting and hose, leather	4	112,000	15,000	25,000	10,500	61,500	1	14	14,900	25	13,072
10	Bicycle and tricycle repairing	96	72,963	1,925	3,000	28,453	39,585	112	2	1,560	84	38,507
11	Billiard tables and materials	5	11,825			1,375	10,450	4	3	1,550	18	10,400
12	Blacksmithing and wheelwrighting	2,380	2,273,290	399,151	565,589	428,808	879,742	2,778	13	10,702	1,557	715,660
13	Bookbinding and blank book making	24	234,352			93,015	141,337	25	22	24,276	346	141,390
14	Boot and shoe cut stock	3	29,810			1,864	27,946	1	6	8,800	43	12,124
15	Boots and shoes, custom work and repairing.	785	269,642	37,430	69,030	63,633	99,549	807	3	1,549	302	136,633
16	Boots and shoes, factory product	50	4,183,979	89,250	456,877	804,568	2,833,284	25	330	346,877	5,915	2,052,114
17	Bottling	16	702,597	87,070	96,940	95,607	422,980	10	24	30,050	1,256	331,587
18	Boxes, cigar	5	42,600	5,500	4,000	13,200	19,900	4	7	9,560	83	27,235
19	Boxes, fancy and paper	12	322,898			125,875	197,023	6	42	47,760	658	134,228
20	Boxes, wooden packing	27	668,275	87,920	82,701	143,091	354,563	19	51	58,238	850	320,611
21	Brass castings and brass finishing	12	360,475	29,380	18,500	82,580	230,015	11	26	33,218	190	95,933
22	Brassware	3	39,250	4,000	8,000	10,100	17,150	4	4	3,360	75	38,780
23	Bread and other bakery products	582	3,748,077	284,250	523,450	1,894,779	1,045,598	609	390	273,809	2,264	985,472
24	Brick and tile	219	6,051,078	1,196,076	1,050,803	849,871	2,954,328	260	97	112,717	2,440	866,946
25	Bridges	7	195,021	1,500	2,500	28,224	162,797	4	29	27,220	622	369,367
26	Brooms and brushes	98	182,487	16,440	15,610	19,285	131,152	111	30	24,017	264	102,991
27	Buttons	11	39,495	600	3,150	12,188	23,557	15	4	1,236	83	23,881
28	Carpentering	1,104	2,291,154	218,762	220,277	321,851	1,530,264	1,270	107	111,649	5,558	2,708,842
29	Carpets, rag	21	5,620	145	490	2,337	2,648	21			26	8,493
30	Carriage and wagon materials	32	649,287	47,850	68,100	185,022	348,315	28	36	39,725	465	196,685
31	Carriages and wagons	377	4,019,087	461,954	558,643	314,923	2,683,567	462	190	210,305	2,583	1,310,560

BY COUNTIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
42	$15,701			1	$52	$3,682	$358	$676	$2,098	$50	$190,914	$187,080	$3,834	$260,897	77
19	7,482			1	120	3,080	160	415	2,505		103,518	102,247	1,271	143,312	78
441	149,331			17	2,151	29,964	5,715	6,521	17,728		375,607	371,760	3,847	718,138	79
48	22,240	2	$450			5,002	1,678	1,042	2,282		174,996	171,008	3,988	251,922	80
825	410,685	282	57,855	14	2,437	71,266	19,882	8,468	42,474	442	873,066	839,308	33,758	1,699,163	81
54	21,846	2	425	4	675	7,910	3,387	844	3,479	200	134,248	131,532	2,716	227,750	82
539	193,146	124	20,368	24	4,262	327,892	8,901	4,550	301,367	13,074	1,247,156	1,215,509	31,647	2,359,437	83
68	29,443	19	3,194	11	1,340	21,335	2,014	711	18,575	35	191,150	185,248	5,902	346,948	84
57	20,850	36	5,980	21	2,338	28,098	3,790	1,331	22,702	275	256,657	250,964	5,693	466,292	85
24	8,287			1	96	1,622	524	468	630		74,232	72,924	1,308	113,365	86
34	12,673	21	5,800	5	534	23,011	1,755	648	20,608		91,750	90,294	1,456	183,153	87
104	33,675	1	160	3	485	2,178	557	316	1,305		59,786	49,085	10,701	117,465	88
762	359,680	40	7,810	16	1,319	45,555	9,766	5,596	27,464	2,729	494,123	472,151	21,972	1,098,309	89
65	24,313	17	3,380	8	1,255	9,836	3,744	868	5,174	50	126,210	123,326	2,884	244,396	90
72	23,770			2	145	1,956	154	364	1,438		76,617	76,352	265	139,682	91
331	81,189	1	300	5	825	14,648	642	3,800	10,206		179,236	178,047	1,189	382,381	92
1,279	613,863	20	2,484	34	4,277	130,905	11,966	4,040	114,199	700	2,126,673	2,068,710	57,963	3,375,065	93
45	15,377	7	1,256	10	1,142	5,133	2,647	708	1,778		138,360	134,417	3,943	215,428	94
71	31,000	17	2,700	7	836	19,554	1,033	1,189	17,332		307,899	298,811	9,088	438,209	95
302	140,515	5	1,138	5	559	13,258	2,510	3,512	7,216	20	974,090	946,386	27,704	1,264,013	96
598	276,778	49	15,974	17	3,049	142,625	10,118	4,326	116,476	11,705	701,350	654,437	46,913	1,441,463	97
64,111	33,537,466	15,548	4,113,863	3,013	539,747	33,271,804	2,262,390	745,815	24,489,616	5,773,983	117,861,443	115,458,275	2,403,168	233,629,733	98
170	67,849	31	5,651	8	959	35,084	7,296	2,168	13,233	12,387	517,297	505,260	12,037	800,921	99
38	13,099	2	502	7	977	3,046	813	808	1,625		102,526	100,378	2,148	164,887	100
89	30,061	4	540	8	898	5,518	2,035	648	2,835		75,340	72,326	3,014	177,730	101
106	38,828	1	200	3	300	6,161	801	417	4,943		354,689	350,497	4,192	463,465	102
362	145,846	4	510			26,039	482	9,165	16,392		571,087	569,809	1,278	880,382	103
56	20,185	3	1,909	10	1,095	6,599	1,622	909	4,068		103,694	101,518	2,176	202,881	104
399	152,841	1	200	7	661	24,085	1,664	3,404	18,547	470	441,486	436,835	4,651	866,237	105
13	6,170	2	430			2,476	254	126	2,096		58,663	58,000	663	83,258	106
54	15,661	7	1,208	9	1,476	6,016	1,080	838	4,098		75,349	72,907	2,442	157,245	107
21	6,403					890	243	407	240		70,126	69,196	930	103,587	108
81	27,086	2	254	1	100	2,753	428	833	1,492		181,087	178,995	2,092	282,267	109
421	204,896	30	6,333	8	869	41,265	10,104	3,240	21,921	6,000	781,813	749,617	32,196	1,210,973	110
21	7,533			3	392	2,160	854	201	1,105		78,863	77,028	1,835	118,880	111
68	22,742			3	390	1,990	252	695	1,043		146,755	144,330	2,425	222,796	112
457	159,277			1	150	45,492	1,253	5,502	38,737		755,442	753,835	1,607	1,098,392	113
13	4,760	2	321			1,969	686	432	851		164,171	161,633	2,538	211,004	114
37	13,940	5	1,179	2	204	3,873	1,861	503	1,509		72,043	69,617	2,426	132,006	115
23	8,551	4	760	11	780	2,658	924	563	1,171		143,710	141,020	2,690	201,191	116

SPECIFIED INDUSTRIES: 1900.

106,782	$53,921,296	23,683	$6,041,960	4,510	$756,172	$41,396,905	$3,339,156	$1,164,351	$29,323,853	$7,569,545	$214,988,018	$210,666,211	$4,321,807	$385,492,784	1
492	242,207			1	100	65,325	3,591	4,712	56,092	930	406,977	392,532	14,445	953,965	2
17	10,780	3	650	1	120	6,285	315	1,745	4,225		429,810	428,680	1,130	498,000	3
11	7,026	1	437			3,630	2,196	61	1,373		5,012	4,907	105	29,949	4
124	56,858	237	53,350	10	1,464	35,041	17,014	919	15,108	2,000	537,772	535,086	2,686	989,964	5
64	35,070					72,954	228	3,841	65,885	3,000	2,535,967	2,526,177	9,790	2,785,834	6
35	16,600	70	14,484			27,323	6,089	695	20,539		412,308	410,042	2,266	677,418	7
188	88,332	41	7,300	45	8,260	10,891	1,572	1,200	8,119		126,226	123,080	3,146	361,290	8
24	12,922			1	150	20,641	1,380	778	16,533	1,950	165,075	163,690	1,385	224,500	9
73	36,781	1	360	10	1,366	21,620	14,423	472	4,675	2,050	83,291	81,544	1,747	227,960	10
18	10,400					3,243	1,500	68	1,675		13,939	13,754	185	50,850	11
1,504	706,654			53	9,006	159,663	105,362	14,305	37,125	2,871	1,144,557	1,056,622	87,935	3,742,105	12
154	89,633	184	50,500	8	1,257	24,433	13,118	539	9,016	1,760	122,994	119,821	3,173	384,229	13
28	8,856	15	3,268			4,533	2,720	122	1,691		115,938	115,398	540	177,050	14
294	135,360	1	360	7	913	77,674	62,452	2,194	9,781	3,247	250,185	244,271	5,914	857,171	15
3,256	1,356,079	2,207	623,281	452	72,754	643,942	48,800	11,920	258,922	324,300	7,993,026	7,935,964	57,062	11,253,202	16
922	257,401	7	1,770	327	72,416	143,697	27,810	5,774	110,113		3,113,297	3,107,082	6,215	4,014,503	17
33	14,525	45	11,960	5	750	2,964	1,284	152	1,528		54,364	53,294	1,070	109,625	18
147	58,912	384	59,552	127	15,764	27,890	15,370	815	11,705		163,789	159,360	4,429	487,844	19
712	299,309	13	2,702	125	18,600	61,641	18,956	4,260	38,425		814,797	808,023	6,774	1,467,054	20
185	94,893			5	1,040	46,449	6,450	1,531	37,468	1,000	928,415	913,940	14,475	1,158,054	21
74	38,600			1	180	2,327	960	130	1,237		40,340	39,180	1,160	120,500	22
1,602	835,376	552	126,030	110	24,066	414,991	143,683	17,537	252,881	890	3,884,605	3,784,747	99,858	7,284,268	23
2,305	848,925			135	18,021	170,569	20,504	22,020	119,593	8,452	472,120	57,088	415,032	1,988,250	24
622	369,367					8,522	672	655	6,345	850	260,770	256,480	4,290	758,486	25
215	94,877	22	5,015	27	3,099	33,449	6,135	1,055	17,259	9,000	309,837	308,317	1,520	606,530	26
58	19,133	21	4,220	4	528	10,788	2,640	74	7,874	200	26,679	25,229	1,450	85,449	27
5,540	2,705,059	1	800	17	2,983	4,885,165	65,876	10,415	130,092	4,678,782	6,130,326	6,112,204	18,122	16,592,767	28
18	7,443	2	331	6	719	2,087	1,768	53	266		6,373	6,207	166	31,940	29
450	194,024	4	1,265	11	1,396	30,328	8,825	1,862	19,191	450	425,635	420,462	5,173	968,855	30
2,520	1,292,522	42	13,966	21	4,072	251,744	92,603	18,074	128,880	12,187	2,733,960	2,683,083	50,877	5,583,364	31

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
32	Cars and general shop construction and repairs by steam railroad companies.	43	$3,645,260	$764,835	$882,094	$701,632	$1,296,699	------	242	$219,292	5,581	$3,182,753
33	Cars and general shop construction and repairs by street railroad companies.	4	525,563	154,843	262,220	58,500	50,000	------	10	8,200	440	263,326
34	Cars, steam railroad, not including operations of railroad companies.	4	4,530,982	393,229	755,476	711,140	2,671,137	------	117	125,561	2,772	1,378,353
35	Cars, street railroad, not including operations of railroad companies.	4	2,740,655	357,064	301,731	281,180	1,800,680	------	43	87,597	1,175	626,481
36	Charcoal	4	43,481	2,400	19,850	3,450	17,781	3	2	1,020	200	31,763
37	Cheese and butter, urban dairy products.	36	15,435	3,150	2,950	4,735	4,600	34	------	------	15	4,897
38	Cheese, butter, and condensed milk, factory product.	79	199,796	11,166	67,255	90,209	31,166	66	24	4,994	74	31,138
39	Chemicals	8	1,969,875	181,224	294,389	427,586	1,066,676	1	78	111,606	340	162,351
40	China decorating	5	2,830	------	------	555	2,275	6	------	------	1	600
41	Cleansing and polishing preparations	8	12,160	------	500	2,360	9,300	7	18	11,049	14	6,132
42	Clocks	3	205,275	400	1,500	10,425	192,950	1	6	6,400	35	21,692
43	Clothing, men's, custom work and repairing.	745	1,784,030	76,105	87,875	89,400	1,530,650	810	166	178,429	2,517	1,335,225
44	Clothing, men's, factory product	148	4,651,882	73,100	109,900	249,794	4,219,088	161	386	511,336	6,129	1,693,725
45	Clothing, men's, factory product, buttonholes.	5	3,810	------	------	2,370	1,440	5	------	------	12	4,458
46	Clothing, women's, dressmaking	314	210,087	12,225	20,250	37,775	139,837	335	26	33,699	1,315	382,257
47	Clothing, women's, factory product	48	1,019,456	6,500	4,000	99,751	909,205	56	190	191,051	2,068	564,385
48	Coffee and spice, roasting and grinding	27	2,517,482	330,866	57,622	269,857	1,859,137	18	285	300,387	499	176,420
49	Coffins, burial cases, and undertakers' goods.	5	428,734	18,100	47,400	41,600	321,634	2	52	64,454	350	149,827
50	Coke	3	1,850	125	------	1,575	150	------	------	------	4	2,220
51	Confectionery	99	2,842,164	241,650	363,360	974,956	1,262,198	105	475	378,221	2,058	662,518
52	Cooperage	80	1,350,369	135,693	187,150	189,765	837,761	85	59	79,530	1,304	484,419
53	Corsets	7	114,820	6,417	24,000	19,075	65,328	5	7	6,390	135	35,218
54	Cotton, ginning[1]	22	59,021	1,780	11,450	45,291	500	31	4	304	22	3,235
55	Cutlery and edge tools	6	43,597	50	450	6,547	36,550	6	7	4,392	43	13,757
56	Druggists' preparations, not including prescriptions.	13	871,084	49,675	61,600	21,140	738,669	7	94	133,045	193	67,454
57	Dyeing and cleaning	76	176,772	25,500	64,900	55,960	30,412	82	16	15,070	298	131,348
58	Electrical apparatus and supplies	17	981,975	35,000	65,000	170,973	711,002	11	59	68,650	533	186,216
59	Electrical construction and repairs	42	117,209	------	------	21,104	96,105	44	30	19,836	185	111,490
60	Electroplating	13	44,675	------	------	22,575	22,100	15	7	5,956	96	45,728
61	Enameling and enameled goods	4	41,453	------	------	22,494	18,959	2	9	6,868	35	10,486
62	Engraving and diesinking	21	54,600	------	2,000	35,550	17,050	18	19	21,240	110	57,079
63	Engraving, steel, including plate printing.	8	54,158	------	------	21,005	33,153	6	17	16,278	63	30,379
64	Engraving, wood	11	10,780	------	------	4,825	5,955	13	------	------	28	11,022
65	Envelopes	4	94,920	------	------	58,599	36,321	4	8	6,469	70	21,835
66	Fancy articles, not elsewhere specified	7	62,303	------	3,200	22,615	36,488	2	5	2,100	32	12,684
67	Fertilizers	8	219,201	20,767	46,957	37,607	113,870	1	15	12,907	60	27,986
68	Files	3	8,635	------	------	2,650	5,985	4	2	1,200	10	4,200
69	Flags and banners	3	45,840	------	------	800	45,040	2	3	5,100	20	7,120
70	Flavoring extracts	14	107,810	------	------	7,710	100,100	16	17	58,640	82	30,903
71	Flouring and grist mill products	1,145	11,402,827	868,775	2,309,234	4,201,382	4,023,436	1,446	374	355,125	1,654	851,377
72	Food preparations	30	872,688	13,552	162,968	155,777	540,391	28	100	120,461	409	165,755
73	Foundry and machine shop products	261	11,606,445	1,259,921	1,292,500	2,420,658	6,633,366	210	751	860,927	7,084	3,882,749
74	Fruits and vegetables, canning and preserving.	45	345,360	22,117	71,255	128,736	123,252	33	74	23,007	650	116,467
75	Fur goods	12	89,700	2,000	2,000	4,850	80,850	8	14	5,536	92	37,310
76	Furnishing goods, men's	8	166,691	600	400	8,100	157,591	9	32	28,720	147	44,754
77	Furniture, cabinetmaking, repairing, and upholstering.	204	644,828	72,010	145,790	58,588	368,440	205	36	48,342	668	337,244
78	Furniture, factory product	54	3,058,408	451,935	597,316	435,191	1,573,966	34	265	278,689	2,554	1,109,128
79	Gas and lamp fixtures	8	103,239	500	600	19,463	82,676	9	13	14,450	83	38,843
80	Gas, illuminating and heating	25	33,501,380	2,496,192	2,469,645	25,043,913	3,494,630	------	150	112,451	834	464,417
81	Glass	3	2,198,316	251,081	668,346	878,589	400,300	------	26	47,448	650	841,375
82	Glass, cutting, staining, and ornamenting.	17	410,865	33,750	20,000	16,605	340,510	18	22	28,690	323	94,556
83	Grease and tallow	7	474,884	61,946	98,240	150,010	164,688	5	14	20,780	70	38,940
84	Hairwork	9	20,020	6,000	3,000	3,205	7,815	10	3	1,200	19	3,984
85	Hand stamps	10	31,195	------	------	13,380	17,815	7	5	5,400	36	18,017
86	Hardware	5	369,919	27,000	49,000	83,200	210,719	1	19	37,800	501	161,550
87	Hats and caps, not including fur hats and wool hats.	16	64,189	------	------	15,671	48,518	24	7	2,848	182	64,567
88	House furnishing goods, not elsewhere specified.	6	12,975	------	------	6,085	6,890	3	6	5,130	20	6,345
89	Ice, manufactured	31	1,835,166	271,383	406,038	977,152	180,593	13	65	66,315	279	157,006
90	Instruments, professional and scientific.	8	168,168	------	------	52,268	115,900	7	2	5,800	72	56,752
91	Iron and steel	7	2,295,278	367,920	406,996	510,042	1,010,320	------	68	96,331	1,868	1,006,584
92	Ironwork, architectural and ornamental.	20	1,705,742	198,500	189,618	300,072	1,017,552	10	95	121,119	768	441,467
93	Jewelry	13	146,912	------	------	40,200	106,712	12	6	7,676	172	118,683
94	Kaolin and other earth grinding	5	278,466	83,000	66,717	124,356	54,393	6	7	6,400	112	51,449
95	Lamps and reflectors	10	339,796	500	10,300	41,250	287,746	11	15	16,005	154	59,099
96	Lead, smelting and refining	11	944,539	107,000	269,550	61,128	506,861	3	85	47,360	474	255,590

[1] Does not include many ginneries operated in connection with saw, grist, and cottonseed-oil mills, or for the use exclusively of plantations on which they are located. For the full number of ginneries in operation reference should be made to the special report on cotton ginning.

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
5,572	$3,180,795	6	$1,569	3	$389	$102,500	$10	$48,637	$53,853	----------	$3,019,574	$2,931,231	$88,343	$6,524,121	32
440	263,326	----------	----------	----------	----------	7,752	----------	5,626	2,126	----------	229,813	226,993	2,820	539,671	33
2,766	1,371,198	6	2,155	----------	----------	198,160	3,263	7,463	187,434	----------	5,101,335	4,999,808	101,527	7,722,768	34
1,170	625,276	2	725	3	480	129,709	5,120	51,111	73,478	----------	1,329,966	1,320,084	9,882	2,406,836	35
200	31,763	----------	----------	----------	----------	12,816	----------	108	708	$12,000	14,837	14,777	60	67,270	36
13	4,527	2	370	----------	----------	3,859	2,272	147	1,440	----------	30,800	30,485	315	44,276	37
66	29,775	5	963	3	400	5,989	1,843	912	3,234	----------	329,158	320,611	8,547	431,936	38
277	150,557	37	7,152	26	4,642	135,806	7,200	16,775	111,831	----------	1,335,798	1,302,927	32,871	1,804,090	39
----------	----------	1	600	----------	----------	829	590	9	230	----------	4,735	4,665	70	11,275	40
14	6,132	----------	----------	----------	----------	3,591	1,227	99	2,265	----------	14,729	14,564	165	47,459	41
35	21,692	----------	----------	----------	----------	2,533	2,172	281	80	----------	70,464	69,698	766	184,975	42
1,835	1,119,969	536	207,191	46	8,065	646,939	258,476	8,891	146,617	232,955	1,907,189	1,888,223	18,966	5,107,616	43
957	469,065	5,098	1,214,440	74	10,220	685,073	111,031	16,992	153,285	403,765	5,095,150	5,057,152	37,998	8,925,088	44
7	3,228	5	1,230	----------	----------	686	508	----------	178	----------	2,419	2,196	223	14,112	45
50	38,340	1,230	339,825	35	4,092	68,701	49,303	1,292	15,358	2,748	476,214	472,457	3,757	1,272,578	46
378	162,236	1,632	393,994	58	8,155	135,795	48,957	3,809	37,819	45,210	1,739,310	1,725,746	13,564	3,124,901	47
266	131,522	195	39,883	38	5,015	212,681	51,144	10,083	148,704	2,750	4,303,097	4,279,077	24,020	5,266,264	48
273	131,338	77	18,489	----------	----------	51,851	14,860	2,540	34,451	----------	491,523	487,809	3,714	775,301	49
4	2,220	----------	----------	----------	----------	125	----------	35	90	----------	2,566	2,566	----------	5,520	50
984	451,307	1,024	203,483	50	7,723	439,566	91,613	13,083	334,070	800	3,476,112	3,437,275	38,837	5,554,384	51
1,198	464,567	7	1,150	99	18,702	84,507	10,795	5,900	67,812	----------	1,262,226	1,254,252	7,974	2,252,442	52
9	6,331	122	28,497	4	390	13,820	2,084	451	11,285	----------	65,462	64,450	1,012	129,187	53
22	3,235	----------	----------	----------	----------	1,570	15	302	1,253	----------	9,348	8,089	1,259	34,436	54
40	12,957	3	800	----------	----------	5,937	1,512	42	3,383	1,000	18,202	16,957	1,245	53,456	55
78	40,288	114	27,016	1	150	319,071	8,242	1,904	308,925	----------	481,604	479,412	2,192	1,718,970	56
191	99,398	96	30,135	11	1,815	38,439	20,799	1,744	14,671	1,225	43,708	37,167	6,541	334,777	57
405	156,646	111	26,245	17	3,325	144,966	11,408	3,147	124,276	6,135	355,475	344,342	11,133	910,602	58
133	111,232	----------	----------	2	258	22,472	11,508	453	7,261	3,250	297,809	295,739	2,070	542,253	59
78	42,110	2	480	18	3,138	12,272	6,694	156	5,242	180	19,367	17,330	2,037	105,415	60
25	9,010	9	1,320	1	156	3,140	1,913	122	1,105	----------	11,961	9,871	2,590	42,688	61
92	53,827	5	1,180	13	2,072	14,899	7,681	314	5,704	1,200	33,081	29,713	3,368	169,422	62
51	27,609	12	2,770	----------	----------	9,664	4,796	140	3,228	1,500	35,026	33,961	1,065	116,206	63
21	10,288	1	150	6	584	2,726	1,504	34	828	360	3,507	3,409	98	35,423	64
24	12,360	45	9,240	1	235	4,518	2,230	248	2,040	----------	62,587	61,495	1,092	107,771	65
15	8,365	14	3,611	3	708	5,222	2,726	66	1,680	750	13,671	11,661	2,010	38,000	66
59	27,590	----------	----------	1	396	36,449	300	783	30,714	4,652	137,306	129,698	7,608	236,635	67
10	4,200	----------	----------	----------	----------	759	475	29	255	----------	2,139	1,496	643	22,040	68
3	1,600	17	5,520	----------	----------	2,955	1,980	140	835	----------	59,850	59,700	150	86,975	69
41	20,225	40	10,478	1	200	13,453	6,871	753	5,829	----------	163,331	161,962	1,369	283,028	70
1,611	835,168	34	14,450	9	1,759	520,468	26,512	63,596	430,160	200	21,937,507	21,633,605	303,902	26,393,928	71
289	141,435	101	21,900	19	2,420	95,314	15,020	2,571	77,723	----------	1,480,379	1,464,025	16,354	2,049,893	72
6,997	3,861,445	6	1,610	81	19,694	916,851	109,808	44,092	706,541	56,410	6,732,008	6,508,566	223,442	15,073,005	73
170	49,803	377	56,883	103	9,781	23,399	2,630	1,526	17,831	1,412	559,651	552,522	7,129	869,977	74
24	16,185	66	20,644	2	481	14,808	7,960	281	6,242	325	133,697	133,092	605	252,683	75
18	11,362	124	32,554	5	838	23,024	6,964	290	15,770	----------	172,562	171,867	695	315,600	76
608	317,835	47	17,025	13	2,384	81,765	38,709	3,931	36,795	2,330	609,941	599,096	10,845	1,438,415	77
2,345	1,062,810	78	25,770	131	20,548	221,357	30,565	18,826	163,871	8,095	1,610,747	1,581,977	28,770	3,758,568	78
83	38,843	----------	----------	----------	----------	15,088	6,740	412	7,936	----------	55,544	53,308	2,236	155,200	79
834	464,417	----------	----------	----------	----------	256,572	850	83,686	172,036	----------	756,457	733,383	23,074	2,877,102	80
648	340,825	----------	----------	2	550	98,119	154	6,242	91,723	----------	231,515	155,826	75,689	765,564	81
301	88,086	13	3,900	9	2,570	23,939	13,365	2,344	8,155	75	516,967	508,770	8,197	872,125	82
70	38,940	----------	----------	----------	----------	17,171	840	2,060	14,271	----------	248,730	222,750	25,980	395,785	83
2	776	17	3,208	----------	----------	4,255	2,516	329	1,410	----------	8,105	7,924	181	26,248	84
30	17,000	----------	----------	6	1,017	5,231	3,060	263	1,758	150	21,768	21,193	575	81,083	85
501	161,550	----------	----------	----------	----------	19,694	915	2,659	16,120	----------	242,436	234,336	8,100	753,065	86
70	34,677	111	29,740	1	150	8,334	5,704	205	2,425	----------	99,328	97,648	1,680	238,575	87
7	3,520	12	2,600	1	225	2,380	1,330	130	920	----------	35,675	35,215	460	59,006	88
279	157,006	----------	----------	----------	----------	72,868	6,720	10,224	55,924	----------	226,385	66,473	159,912	641,405	89
72	56,752	----------	----------	----------	----------	7,669	5,185	255	1,979	250	23,080	21,155	1,925	138,474	90
1,849	1,003,185	----------	----------	19	3,399	100,021	15,650	12,175	72,196	----------	2,064,533	1,650,288	414,245	3,974,666	91
753	439,133	----------	----------	15	2,334	169,132	5,951	6,476	76,225	80,480	902,025	872,915	29,110	1,828,193	92
160	114,224	9	3,822	3	637	13,670	9,475	544	2,921	730	108,952	105,744	3,208	339,454	93
112	51,449	----------	----------	----------	----------	28,769	860	1,370	26,539	----------	169,904	148,930	20,974	303,361	94
137	55,949	1	300	16	2,850	12,311	3,253	668	8,090	300	67,070	65,642	1,428	182,261	95
473	255,362	----------	----------	1	228	41,565	----------	5,601	35,964	----------	3,317,558	3,212,951	104,607	3,852,435	96

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
97	Leather goods	5	$51,290	$7,000	$18,000	$7,040	$19,250	3	6	$1,650	38	$16,100
98	Leather, tanned, curried, and finished	9	922,083	97,635	118,736	73,743	631,969	4	20	35,360	185	98,578
99	Lime and cement	31	797,926	201,852	232,119	107,675	256,280	18	48	46,350	583	206,837
100	Liquors, distilled	35	147,895	4,695	21,225	26,972	95,003	39	3	1,800	21	5,473
101	Liquors, malt	49	25,731,930	4,108,252	8,211,376	3,535,386	9,876,916	13	398	836,383	3,150	1,890,100
102	Liquors, vinous	7	506,600	13,800	138,100	28,200	326,500	3	19	37,650	48	22,405
103	Lithographing and engraving	10	523,341			272,123	251,218	6	56	81,619	385	203,833
104	Lock and gun smithing	105	75,672	8,825	11,325	27,175	28,347	114			52	26,502
105	Looking-glass and picture frames	57	235,004	13,725	22,698	19,363	179,218	61	32	33,877	259	120,945
106	Lumber and timber products	1,197	11,089,799	2,961,113	755,179	3,609,403	3,764,104	1,614	237	211,360	6,043	2,012,659
107	Lumber, planing mill products, including sash, doors, and blinds.	88	3,540,243	588,390	412,897	619,007	1,919,949	69	221	219,472	1,999	1,016,039
108	Malt	9	473,946	55,600	137,980	38,750	241,616	4	18	23,984	53	40,599
109	Mantels, slate, marble, and marbleized	3	3,710			310	3,400	5			18	11,250
110	Marble and stone work	85	970,503	221,367	49,978	207,186	491,972	93	71	65,865	717	392,413
111	Masonry, brick and stone	378	1,245,948	138,305	72,891	170,030	864,722	469	98	104,252	3,520	2,243,849
112	Mattresses and spring beds	26	249,215	14,300	25,000	45,293	164,622	27	19	22,247	257	110,550
113	Millinery and lace goods	13	93,640			23,482	70,158	9	27	14,884	418	82,105
114	Millinery, custom work	695	1,162,756	73,258	139,499	44,054	905,945	802	185	113,443	1,453	381,839
115	Mineral and soda waters	110	868,001	81,640	146,250	312,359	327,752	125	65	59,456	388	176,066
116	Mirrors	4	57,572	12,000		24,950	20,622	2	11	9,766	74	31,925
117	Models and patterns	19	39,810	1,400	560	19,422	18,428	20	4	3,660	79	51,537
118	Monuments and tombstones	139	645,793	133,300	65,889	29,306	417,298	167	54	33,247	327	168,659
119	Mucilage and paste	7	26,948			4,935	22,013	8	5	4,140	21	7,756
120	Musical instruments and materials, not specified.	10	26,555	3,250	6,000	2,990	14,315	10	2	1,520	32	19,360
121	Musical instruments, organs and materials.	4	43,380	4,300	20,100	1,330	17,650	6			28	13,916
122	Oil, not elsewhere specified	3	34,102			1,450	32,652	3	12	6,942	6	3,120
123	Optical goods	13	178,500			17,800	160,700	14	13	12,850	56	32,176
124	Painting, house, sign, etc	562	626,207	72,578	66,265	95,079	392,285	655	76	69,010	1,825	1,108,053
125	Paints	20	3,078,899	257,368	352,018	402,858	2,066,655	12	138	213,626	488	225,830
126	Paper hanging	130	286,368	15,175	22,305	19,506	229,382	139	55	43,460	517	295,321
127	Patent medicines and compounds	115	2,234,702	187,250	229,985	161,547	1,655,920	89	343	337,123	676	230,582
128	Paving and paving materials	117	2,576,787	541,556	125,133	489,939	1,420,159	119	138	150,157	2,496	1,196,006
129	Perfumery and cosmetics	7	82,407			8,150	74,257	7	21	26,195	91	32,593
130	Photographic materials	5	512,042	27,000	152,000	62,782	270,260	3	50	91,085	301	151,559
131	Photography	312	453,348	37,058	81,857	176,639	157,794	333	30	26,200	388	175,812
132	Photolithographing and photoengraving.	7	25,800			14,300	11,500	12	4	5,355	46	27,585
133	Pickles, preserves, and sauces	12	408,497	12,747	48,000	45,706	302,044	8	77	74,176	215	84,323
134	Pipes, tobacco	12	126,343	6,325	17,450	27,755	74,813	11	15	13,220	291	82,191
135	Plastering and stuccowork	171	171,551	30,695	34,155	20,992	85,709	210	3	1,890	459	268,829
136	Plated and britannia ware	3	68,800			44,000	24,800	1	6	5,250	35	16,298
137	Plumbers' supplies	8	303,460	27,200	22,800	85,860	167,600	1	64	53,291	347	179,120
138	Plumbing, and gas and steam fitting	358	1,187,024	139,260	86,940	106,844	853,980	438	126	109,011	1,538	973,696
139	Pottery, terra cotta, and fire-clay products.	37	2,952,107	877,991	731,508	380,819	961,789	27	123	161,997	1,607	647,728
140	Printing and publishing, book and job	283	4,636,838	140,200	163,750	2,114,377	2,218,511	284	725	621,308	3,496	1,717,664
141	Printing and publishing, music	3	4,650			2,000	2,650	3	1	60	2	1,020
142	Printing and publishing, newspapers and periodicals.	314	6,507,800	192,115	667,565	2,706,241	2,941,879	860	1,264	1,130,265	3,758	2,056,148
143	Refrigerators	3	48,150	3,300	8,000	6,600	30,250	3	8	7,960	48	18,312
144	Roofing and roofing materials	84	540,945	76,500	16,175	76,813	371,457	87	62	61,605	541	265,359
145	Saddlery and harness	587	2,568,611	199,548	416,317	193,637	1,759,109	667	178	168,117	1,407	660,008
146	Sausage	3	25,300			9,300	16,000	3	9	6,500	23	13,600
147	Saws	3	312,390		8,650	80,312	223,428		38	40,480	174	109,144
148	Scales and balances	4	8,350	1,000	1,000	3,150	3,200	5	1	1,200	13	5,916
149	Sewing machine repairing	19	5,415	50	250	1,475	3,640	20			7	4,068
150	Ship and boat building, wooden	10	25,930	1,901	2,625	7,627	13,777	12	3	3,070	66	45,909
151	Shirts	29	410,030			56,828	353,202	25	67	74,495	968	276,421
152	Show cases	5	151,329	16,269	26,000	10,598	98,462	5	12	8,511	133	58,282
153	Slaughtering and meat packing, wholesale.	31	7,844,054	392,756	1,663,141	1,059,749	4,728,408	27	232	244,475	3,043	1,416,680
154	Slaughtering, wholesale, not including meat packing.	6	99,979	2,900	200	31,755	65,124	6	10	9,300	59	24,062
155	Soap and candles	19	2,291,923	228,951	308,864	462,237	1,291,871	20	153	209,525	559	232,235
156	Sporting goods	4	18,700			13,200	5,500	2	2	3,000	63	14,140
157	Starch	3	24,700			3,700	21,000	3	25	33,600	70	19,475
158	Stationery goods, not elsewhere specified.	4	18,000			7,019	10,981	4	5	5,030	20	8,428
159	Steam fittings and heating apparatus	4	338,474	15,900	10,000	152,768	159,806	8	30	30,517	199	93,083
160	Steam packing	3	17,310			310	17,000	2	5	4,140	18	10,970
161	Stencils and brands	4	7,400			6,425	975	4			5	2,077
162	Stereotyping and electrotyping	5	47,500			28,000	19,500	8	13	12,130	62	37,670
163	Sugar and molasses, refining	14	126,264	3,170	8,540	50,193	64,361	12	16	18,656	32	17,350
164	Surgical appliances	11	19,449	725	500	2,990	15,234	12	6	10,800	22	8,403
165	Tinsmithing, coppersmithing, and sheet-iron working.	576	2,098,604	179,080	338,167	437,282	1,144,075	681	175	137,531	1,618	781,204
166	Tobacco, chewing, smoking, and snuff	22	7,020,479	307,050	1,568,905	956,199	4,188,325	17	742	741,291	3,720	1,402,549

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
35	$15,454			3	$646	$2,804	$612	$612	$1,580		$57,079	$56,669	$410	$90,055	97
184	98,422			1	156	27,846	800	2,209	24,837		557,131	550,697	6,434	816,720	98
583	206,837					40,045	4,500	3,065	32,480		233,910	123,936	109,974	600,432	99
21	5,473					43,991	25	331	43,575	$60	24,898	21,425	3,473	91,692	100
3,092	1,876,961	23	$5,425	35	7,714	6,137,846	31,874	151,076	5,954,896		3,073,011	2,753,999	319,012	13,776,905	101
45	21,960	3	445			39,903	6,313	865	32,725		83,166	82,051	1,115	199,130	102
301	183,420	81	20,013	3	400	64,240	12,372	1,428	44,469	5,971	217,436	213,508	3,928	687,848	103
43	24,973	4	780	5	749	15,349	11,598	509	3,242		27,937	25,896	2,041	138,767	104
181	89,652	30	11,309	48	19,984	38,106	18,270	1,207	18,629		245,718	243,294	2,424	545,888	105
5,886	1,985,223	51	8,010	106	19,426	321,300	15,476	63,631	242,193		6,410,216	6,406,718	3,498	11,177,529	106
1,955	1,008,145			44	7,894	487,641	21,506	21,490	219,365	225,280	2,247,720	2,216,760	30,960	4,417,871	107
53	40,599					20,371	2,900	2,451	15,020		210,225	197,945	12,280	313,803	108
18	11,250					1,455	840	15	600		64,210	64,210		70,000	109
713	391,728			4	685	58,333	14,276	3,871	35,368	4,818	402,207	382,681	19,526	1,138,566	110
3,517	2,242,972			3	877	513,887	21,188	6,416	68,979	417,304	3,519,419	3,506,451	12,968	7,757,613	111
181	90,514	45	13,785	31	6,251	34,352	11,643	1,451	21,158	100	371,993	367,676	4,317	638,962	112
20	11,597	389	69,508	9	1,000	10,860	7,551	394	2,915		280,513	279,471	1,042	455,598	113
29	15,530	1,387	361,843	37	4,466	227,887	138,354	16,596	72,877	60	1,697,643	1,690,164	7,479	3,240,618	114
335	166,107	16	8,312	37	6,647	102,824	20,975	3,705	77,774	370	303,325	297,075	6,250	895,862	115
68	31,035	2	350	4	540	11,455	5,769	155	5,531		75,534	74,375	1,159	153,500	116
75	50,762	1	300	3	475	6,803	4,272	191	1,340	1,000	23,396	21,612	1,784	107,727	117
326	168,451			1	208	41,193	11,243	3,115	24,580	2,255	489,155	485,929	3,226	967,794	118
17	6,768	4	988			4,767	2,130	118	2,519		27,751	26,518	1,233	63,418	119
32	19,360					2,223	1,224	142	857		10,907	10,380	527	45,181	120
28	13,916					3,555	186	362	3,007		12,457	12,355	102	36,490	121
6	3,120					2,521	1,120	278	1,123		24,130	23,915	215	45,310	122
51	30,626	3	1,050	2	500	18,366	8,880	163	8,823	500	121,703	119,993	1,710	235,610	123
1,797	1,102,412	1	555	27	5,086	140,584	51,263	3,963	62,428	22,930	807,780	804,659	3,121	2,818,521	124
456	217,587	24	6,924	8	1,319	169,984	19,659	15,827	134,498		3,234,423	3,203,939	30,484	4,323,355	125
506	293,159	1	250	10	1,912	76,951	52,892	1,865	22,194		267,564	266,947	617	869,297	126
364	160,464	275	66,064	37	4,054	849,540	34,093	4,877	803,720	6,850	849,885	831,094	18,791	2,912,781	127
2,486	1,194,074			10	1,932	190,398	18,328	9,602	97,520	64,948	1,652,881	1,622,471	30,410	3,729,895	128
27	15,395	61	16,712	3	486	61,754	4,290	297	57,167		156,854	156,516	338	367,243	129
237	131,555	64	20,004			105,258	180	2,862	102,216		573,717	564,667	9,050	1,022,496	130
240	129,345	133	44,070	15	2,397	96,275	64,892	3,863	24,421	3,099	246,331	241,240	5,091	892,856	131
40	26,235	1	575	5	775	8,305	2,952	111	4,662	580	10,136	8,479	1,657	74,597	132
118	69,188	90	14,095	7	1,040	62,372	9,010	1,817	51,545		635,948	629,918	6,030	935,028	133
233	73,447	17	3,025	41	5,719	18,287	1,571	726	15,990		95,313	93,108	2,205	260,508	134
454	268,109			5	720	34,410	9,809	1,265	17,846	5,490	173,685	173,292	393	682,233	135
27	13,310	4	1,500	4	1,488	3,333	1,750	188	1,395		16,969	15,978	991	58,287	136
339	177,160			8	1,960	18,938	10,610	1,545	6,783		233,927	228,067	5,860	548,076	137
1,498	966,175			40	7,521	155,101	74,568	5,758	54,323	20,452	1,799,205	1,785,917	13,288	3,909,559	138
1,586	643,641			21	4,087	191,727	5,207	13,716	169,451	3,353	369,957	205,381	164,576	1,662,150	139
2,490	1,449,869	839	239,824	167	27,971	780,325	136,142	14,629	282,718	346,836	2,500,782	2,438,050	62,732	6,095,752	140
1	720	1	300			2,187	234	103	995	855	720	700	20	6,100	141
2,747	1,839,571	567	161,528	444	55,049	1,385,340	182,513	25,351	748,524	428,952	2,204,785	2,136,016	68,769	9,254,097	142
48	18,312					7,369	1,760	359	5,250		25,256	23,418	1,838	75,543	143
540	265,159			1	200	62,232	15,027	1,718	45,487		657,299	652,431	4,868	1,344,858	144
1,324	639,980	52	14,517	31	5,511	179,892	80,110	15,404	53,693	30,685	2,255,525	2,237,993	17,532	4,148,324	145
23	13,600					2,561	1,700	131	730		73,462	72,822	640	121,450	146
174	109,144					20,115	5,100	1,937	13,078		147,777	142,777	5,000	432,873	147
13	5,916					1,283	804	53	426		5,854	5,423	431	22,225	148
7	4,068					2,371	1,818	78	475		7,180	7,061	119	22,012	149
66	45,909					6,342	2,880	82	3,230	150	31,914	31,084	830	93,367	150
65	40,510	875	232,154	28	3,757	37,833	23,477	1,207	11,149	2,000	450,378	443,216	7,162	1,009,835	151
129	57,664			4	618	14,561	1,425	446	12,690		88,062	86,814	1,248	223,209	152
2,920	1,392,645	8	2,160	115	21,875	350,599	8,005	14,742	327,352	500	38,391,243	38,235,309	155,934	42,229,127	153
57	23,812			2	250	13,668	4,300	575	8,793		716,894	713,469	3,425	811,758	154
426	203,408	132	28,546	1	281	234,127	2,737	9,434	221,956		2,455,556	2,427,029	28,527	3,450,738	155
13	6,860	50	7,280			2,790	1,460	45	1,285		24,403	23,903	500	53,610	156
19	10,430	51	9,045			12,020	1,620		10,400		126,610	126,250	360	230,000	157
14	7,380	2	460	4	588	4,396	1,418	58	2,655	265	7,993	7,553	440	32,214	158
199	93,083					27,988	4,680	349	17,836	5,123	185,404	157,422	27,982	439,487	159
18	10,970					3,098	1,320	81	1,697		29,204	29,189	15	53,000	160
3	1,762			2	315	1,227	672	18	237	300	1,818	1,798	20	8,500	161
54	36,250			8	1,420	7,873	4,340	318	3,215		18,541	15,935	2,606	102,140	162
30	16,882	2	468			19,452	925	807	17,720		222,994	220,027	2,967	357,289	163
11	5,279	11	3,124			10,726	2,551	93	7,882	200	11,688	11,616	72	57,737	164
1,546	768,258	10	2,314	62	10,632	184,616	81,298	10,655	80,298	12,365	1,576,102	1,552,500	23,602	3,488,493	165
1,887	841,414	1,747	539,671	86	21,464	12,511,008	7,544	45,091	12,458,373		8,255,857	8,198,927	56,930	25,101,446	166

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
167	Tobacco, cigars and cigarettes	580	$990,758	$43,908	$96,595	$47,944	$802,311	642	78	$59,167	1,511	$694,655
168	Tools, not elsewhere specified	5	75,500	2,500	4,000	39,800	29,200	3	8	6,340	52	33,920
169	Toys and games	3	26,475	4,000	3,000	6,400	13,075	2	1	500	29	12,696
170	Trunks and valises	21	388,799	1,500	2,000	27,919	357,380	24	47	66,454	365	163,375
171	Type founding	3	252,175			120,500	131,675		20	20,120	146	64,359
172	Typewriter repairing	13	25,180			1,905	23,275	4	8	5,000	33	20,578
173	Umbrellas and canes	7	49,705			2,460	47,245	7	4	2,191	17	5,573
174	Upholstering materials	5	75,800	14,500	8,000	10,500	42,800	2	5	3,157	38	15,979
175	Varnish	7	165,323	17,000	8,660	19,717	119,946	2	19	27,194	27	17,361
176	Vinegar and cider	23	230,577	14,180	29,110	66,281	121,006	25	31	31,682	92	45,172
177	Washing machines and clothes wringers.	7	158,242	34,700	31,300	33,470	58,772	6	7	5,760	118	40,855
178	Watch, clock, and jewelry repairing	462	451,715	27,405	55,070	138,576	230,664	495	44	35,146	329	176,737
179	Window shades	6	244,145	80	200	4,065	239,800	4	10	11,060	56	22,186
180	Wirework, including wire rope and cable.	25	808,759	50,150	47,425	154,985	556,199	24	45	71,634	345	179,562
181	Wood, turned and carved	34	223,228	24,010	26,755	59,645	112,818	40	25	23,780	261	99,839
182	Woodenware, not elsewhere specified	4	6,550			3,550	3,000	5			4	1,272
183	Woolen goods	25	490,747	36,135	89,450	170,475	194,687	18	18	20,928	237	63,314
184	Wool pulling	4	65,420	400	500	15,120	49,400	4	1	1,200	33	19,759
185	Zinc, smelting and refining	5	804,029	25,500	288,000	77,300	413,229	1	17	36,880	500	268,196
186	All other industries[1]	101	9,824,658	1,038,225	1,141,522	2,620,440	5,024,471	64	427	454,420	3,291	1,315,114

[1] Embraces axle grease, 2; bags, other than paper, 2; bags, paper, 2; bells, 2; blacking, 2; bluing, 2; boot and shoe findings, 2; boot and shoe uppers, 2; boots and shoes, rubber, 1; calcium lights, 1; cloth, sponging and refinishing, 1; clothing, horse, 1; cordage and twine, 1; cork, cutting, 2; cotton, compressing, 2; cotton goods, 2; dentists' materials, 1; drug grinding, 1; explosives, 1; fire extinguishers, chemical, 1; fireworks, 1; fish, canning and preserving, 1; foundry supplies, 1; fur hats, 1; furs, dressed, 1; galvanizing, 1; gas and oil stoves, 1; gas machines and meters, 2; gloves and mittens, 2; gold and silver, leaf and foil, 1; hand knit goods, 1; hardware, saddlery, 1; hosiery and knit goods, 2; ink, printing, 1; ink, writing, 1; iron and steel, bolts, nuts, washers, and rivets, 2; iron and steel, doors and shutters, 1; iron and steel, forgings, 1; ivory and bone work, 1; japanning, 2; jewelry and instrument cases, 1; jute and jute goods, 1; kindling

TABLE 8.—MANUFACTURES IN CITIES

JOPLIN.

1	All industries	123	$1,411,495	$160,690	$244,759	$193,970	$812,076	146	52	$53,808	951	$516,080
2	Bicycle and tricycle repairing	4	4,300	1,800	100	1,600	800	5			4	1,720
3	Blacksmithing and wheelwrighting	15	45,327	15,550	3,925	3,470	22,382	22			44	27,254
4	Boots and shoes, custom work and repairing.	7	2,135		130	1,255	750	8			4	2,372
5	Carriages and wagons	3	17,750	6,500	4,100	1,850	5,300	4	1	500	31	15,470
6	Clothing, men's, custom work and repairing.	10	13,575			1,500	12,075	10	1	500	47	30,156
7	Confectionery	3	4,700			1,800	2,900	5			14	4,947
8	Foundry and machine shop products	11	310,100	43,800	41,750	65,700	158,850	12	7	5,640	243	157,758
9	Lumber, planing mill products, including sash, doors, and blinds.	4	29,640	3,740	4,600	14,200	7,100	4	2	1,896	29	18,820
10	Millinery, custom work	10	19,632			357	19,275	14			37	7,764
11	Plumbing, and gas and steam fitting	4	18,575			1,775	16,800	5	1	700	23	16,934
12	Saddlery and harness	3	5,100			600	4,500	5			5	2,402
13	Tinsmithing, coppersmithing, and sheet-iron working.	4	5,164		800	2,625	1,739	4			13	7,680
14	Tobacco, cigars and cigarettes	7	6,110	700	675	310	4,425	9			40	21,422
15	Watch, clock, and jewelry repairing	7	3,410			1,550	1,860	7			7	4,194
16	All other industries[1]	31	925,977	88,600	188,679	95,378	553,320	32	40	44,572	410	197,187

[1] Embraces awnings, tents, and sails, 1; bread and other bakery products, 2; brick and tile, 1; carpentering, 1; cars and general shop construction and repairs by steam railroad companies, 1; clothing, women's, dressmaking, 2; coke, 1; dyeing and cleaning, 1; flouring and grist mill products, 2; lead, smelting and refining, 1; liquors, malt, 1; mineral and soda waters, 2; monuments and tombstones, 1; painting, house, sign, etc., 2; patent medicines and compounds, 1; paving

KANSAS CITY.

1	All industries	1,797	$26,437,307	$2,246,097	$2,236,955	$11,947,799	$10,006,456	1,949	1,514	$1,449,221	15,381	$7,783,652
2	Agricultural implements	4	766,903	84,500	42,000	177,338	463,065	3	36	52,854	156	100,017
3	Bicycle and tricycle repairing	27	10,481		150	6,671	3,660	27			22	9,614
4	Blacksmithing and wheelwrighting	127	127,310	24,650	26,480	24,990	51,190	148			196	119,008
5	Bookbinding and blank book making	3	7,000			4,000	3,000	5			14	6,400
6	Boots and shoes, custom work and repairing.	123	22,475	650	950	9,025	11,850	122			49	24,841
7	Bottling	4	146,500	68,000	42,000	9,500	27,000		15	15,980	40	15,785
8	Boxes, wooden packing	3	6,750			1,750	5,000	2			27	12,080
9	Bread and other bakery products	66	141,165	27,690	20,950	42,228	50,297	72	28	14,350	232	130,269
10	Brick and tile	7	483,286	150,733	140,029	94,038	98,486	7	13	13,840	277	149,691
11	Brooms and brushes	7	15,930	6,900	1,350	1,450	6,230	8			27	12,260
12	Carpentering	174	355,610	63,100	27,335	38,253	226,922	205	14	15,280	858	572,367
13	Carriage and wagon materials	3	12,900			1,200	11,700	1	3	2,000	16	7,545
14	Carriages and wagons	25	89,430	6,500	9,650	13,800	59,480	33	2	2,600	147	75,920
15	Cars and general shop construction and repairs by steam railroad companies.	5	897,288	63,250	174,926	54,265	604,847		24	24,184	505	288,901
16	Cheese, butter, and condensed milk, factory product.	3	12,300			7,500	4,800	5	3	1,700	12	8,450

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
1,227	$642,145	149	$33,745	135	$18,765	$397,776	$61,422	$7,088	$328,494	$772	$1,026,984	$1,021,483	$5,501	$2,745,986	167
52	33,920					3,352	2,280	246	826		33,657	31,912	1,745	102,985	168
18	10,730	7	1,470	4	496	2,255	147	120	1,963	25	8,615	8,275	340	33,900	169
342	156,880	21	6,230	2	265	75,346	36,686	2,094	36,066	500	276,090	272,632	3,458	716,491	170
92	50,296	45	12,742	9	1,321	25,578	5,140	816	19,622		77,963	75,120	2,843	230,434	171
51	20,290			2	288	4,452	3,420	17	1,015		10,251	10,251		61,770	172
3	1,950	8	2,492	6	1,131	5,655	3,474	80	2,101		30,995	30,798	197	58,785	173
34	15,459			4	520	3,655	1,292	501	1,862		28,704	27,650	1,054	60,940	174
27	17,361					10,368	2,990	687	6,691		125,021	123,575	1,446	231,168	175
83	43,106	8	1,916	1	150	47,153	5,634	1,010	39,309	1,200	163,522	158,617	4,905	447,541	176
118	40,855					13,937	1,600	1,597	10,740		130,605	128,820	1,785	224,689	177
239	168,954	13	3,009	27	4,774	92,160	54,819	3,041	17,114	17,186	213,331	207,419	5,912	854,970	178
42	18,846	8	2,300	6	1,040	12,678	4,525	541	7,612		243,060	241,510	1,550	803,775	179
321	175,575			24	3,987	47,762	6,895	2,621	34,671	3,575	746,361	736,796	9,565	1,203,830	180
258	99,457			3	382	16,285	5,532	855	9,898		302,782	300,521	2,261	545,103	181
8	1,137	1	135			1,023	619	10	394		4,094	3,854	240	10,600	182
139	42,427	79	18,298	19	2,589	21,067	148	2,271	18,648		206,579	201,295	5,284	348,974	183
33	19,759					4,063	1,530	233	2,300		2,956	1,046	1,910	45,800	184
500	268,196					36,903	2,400	2,883	31,620		1,651,387	1,557,853	93,534	2,011,724	185
2,168	1,025,222	884	250,672	239	39,220	580,915	57,618	36,393	479,424	7,480	9,203,038	9,086,663	116,375	13,055,200	186

wood, 1; lapidary work, 1; lasts, 2; musical instruments, pianos and materials, 1; needles and pins, 2; nets and seines, 1; oil, castor, 1; oil, cottonseed and cake, 2; oil, linseed, 2; oleomargarine, 1; paper goods, not elsewhere specified, 2; paper patterns, 2; phonographs and graphophones, 1; printing materials, 2; pumps, not including steam pumps, 1; regalia and society banners and emblems, 2; registers, car fare, 1; rubber and elastic goods, 1; screws, machine, 1; sewing machines and attachments, 1; soda water apparatus, 2; springs, steel, car and carriage, 1; stamped ware, 2; taxidermy, 2; tin and terne plate, 1; whips, 2; windmills, 1; wood, preserving, 1; wool scouring, 1.

BY SPECIFIED INDUSTRIES: 1900.

JOPLIN.

875	$500,530	56	$14,073	10	$1,477	$110,962	$21,164	$6,518	$83,062	$218	$1,854,817	$1,802,577	$52,240	$2,961,793	1
4	1,720					696	570	51	75		2,679	2,542	137	9,095	2
42	26,890			2	364	1,990	1,416	265	309		31,660	30,216	1,444	91,246	3
4	2,372					644	597	11	36		4,294	4,233	61	11,612	4
31	15,470					619	84	92	325	118	13,242	12,750	492	38,920	5
41	28,021	6	2,135			4,638	3,020	23	1,595		52,444	51,657	787	111,845	6
8	3,662	6	1,285			2,186	1,560	81	545		10,864	10,736	128	32,400	7
243	157,758					3,151	660	662	1,729	100	326,335	314,551	11,784	592,421	8
28	18,695			1	125	1,146	10	226	910		16,430	15,765	665	51,700	9
		37	7,764			4,015	3,310	145	560		45,844	45,730	114	85,874	10
23	16,934					1,970	1,770	23	177		70,109	69,969	140	97,307	11
5	2,402					1,052	840	130	82		8,887	8,832	55	15,125	12
13	7,680					711	592	9	110		6,509	6,407	102	20,822	13
32	20,334	4	624	4	464	7,127	687	62	6,378		23,123	22,988	135	61,991	14
7	4,194					1,454	1,240	152	62		2,960	2,912	48	16,260	15
394	194,398	13	2,265	3	524	79,563	4,808	4,586	70,169		1,239,437	1,203,289	36,148	1,725,175	16

and paving materials, 1; photography, 2; pottery, terra cotta, and fire-clay products, 1; printing and publishing, book and job, 2; printing and publishing, newspapers and periodicals, 2; roofing and roofing materials, 2; zinc, smelting and refining, 1.

KANSAS CITY.

11,814	$6,899,848	3,268	$830,195	299	$53,609	$3,545,069	$494,411	$128,183	$1,906,552	$1,015,923	$18,214,198	$17,788,730	$425,468	$36,527,392	1
156	100,017					35,244	2,220	2,343	29,751	930	162,116	156,544	5,572	438,089	2
19	8,944			3	670	4,639	4,194	53	362		14,002	13,272	730	49,890	3
182	115,033			14	3,970	22,849	18,063	836	3,950		120,221	112,311	7,910	415,062	4
9	5,450	5	950			838	730	23	85		4,240	3,800	440	19,350	5
47	24,535			2	306	12,731	11,615	219	897		39,438	37,544	1,894	154,471	6
32	13,585	3	1,200	5	1,000	23,658	1,500	620	21,538		119,831	119,111	720	213,914	7
25	11,480			2	600	4,512	1,895	157	2,460		24,578	23,932	646	50,000	8
210	125,037	14	3,545	8	1,687	30,509	16,493	1,325	12,691		372,748	359,280	13,468	656,852	9
276	149,491			1	200	34,311	7,200	2,532	22,600	1,979	88,806	18,904	69,902	363,603	10
26	12,156			1	104	819	330	233	256		22,465	22,156	309	45,248	11
854	571,376			4	991	819,464	11,275	1,504	30,156	776,529	1,299,358	1,297,351	2,007	3,204,811	12
13	6,580	3	965			1,800	1,525	75	200		33,145	32,925	220	54,500	13
145	75,420			2	500	12,024	8,469	564	2,291	700	101,789	99,670	2,119	255,307	14
505	288,901					19,989		17,734	2,255		244,946	233,262	11,684	578,020	15
10	8,150			2	300	1,773	1,170	43	560		38,073	35,865	2,208	57,050	16

TABLE 8.—MANUFACTURES IN CITIES

KANSAS CITY—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
17	China decorating	3	$2,080			$355	$1,725	4			1	$600
18	Clothing, men's, custom work and repairing.	110	266,240		$75	14,960	251,205	113	16	$17,760	420	252,533
19	Clothing, men's, factory product	7	310,530			44,960	265,570	6	11	13,350	1,366	284,656
20	Clothing, women's, dressmaking	48	40,455	$1,750	3 500	10,980	24,225	52	9	13,831	323	110,776
21	Clothing, women's, factory product	4	27,100	3,500	1,000	4,600	18,000	4	8	8,400	102	33,340
22	Coffee and spice, roasting and grinding	3	127,684			23,100	104,584	1	22	26,683	41	14,459
23	Confectionery	17	1,250,035	70,000	178,000	641,700	360,335	20	91	95,937	765	209,235
24	Dyeing and cleaning	25	13,155			9,745	3,410	23	1	400	69	34,120
25	Electrical construction and repairs	6	59,975			5,775	54,200	9	17	8,606	61	33,843
26	Engraving and diesinking	3	8,350			3,750	4,600	2			22	12,460
27	Flouring and grist mill products	11	1,034,190	78,705	168,749	267,741	518,995	9	49	47,050	106	58,004
28	Food preparations	3	8,845			2,395	6,450	5	1	200	7	3,760
29	Foundry and machine shop products	33	477,407	20,000	48,800	170,842	237,765	25	41	48,649	428	249,549
30	Fur goods	4	41,000	2,000	2,000	1,750	35,250	3	6	2,700	48	17,262
31	Furniture, cabinetmaking, repairing, and upholstering.	44	57,435	5,950	9,000	11,320	31,165	40	5	5,300	114	71,835
32	Furniture, factory product	7	137,966	36,000	36,300	8,516	57,150	9	15	15,670	102	51,001
33	Hand stamps	4	7,800			4,500	3,300	3			18	9,794
34	Hats and caps, not including fur hats and wool hats.	3	11,800			3,100	8,700	6	2	1,000	19	8,490
35	Ice, manufactured	5	207,101	56,000	49,200	84,500	17,401	6	13	12,482	42	29,960
36	Jewelry	4	12,300			5,900	6,400	4	1	1,500	23	17,365
37	Lamps and reflectors	4	7,400			2,200	5,200	6	1	50	6	3,750
38	Liquors, malt	4	1,301,599	221,914	400,860	214,528	464,297	2	44	75,224	285	136,603
39	Lock and gun smithing	12	9,925			5,005	4,920	13			8	4,150
40	Looking-glass and picture frames	6	9,900			1,825	8,075	7			17	7,658
41	Lumber, planing mill products, including sash, doors, and blinds.	9	737,072	161,340	69,500	128,501	377,731	10	28	18,137	400	241,558
42	Marble and stone work	12	143,993	66,000	5,700	31,025	41,268	13	5	4,870	147	83,673
43	Masonry, brick and stone	90	315,292	13,370	7,880	51,721	242,321	111	8	11,980	1,060	597,158
44	Mattresses and spring beds	7	41,485			16,285	25,200	8	1	1,000	55	29,890
45	Millinery and lace goods	3	630			105	525	4			10	2,930
46	Millinery, custom work	30	261,391			4,316	257,075	25	109	72,720	233	78,674
47	Mineral and soda waters	8	130,750	15,000	45,000	51,700	19,050	12	10	7,772	24	12,561
48	Models and patterns	7	7,470	1,400	360	4,010	1,700	3			14	9,725
49	Monuments and tombstones	3	17,025		1,000	925	15,100	3	3	2,700	22	12,800
50	Musical instruments and materials, not specified.	3	8,315			640	7,675	2	1	920	23	13,840
51	Optical goods	6	25,800			9,650	16,150	6	6	6,800	39	23,770
52	Painting, house, sign, etc	72	54,088	3,875	4,285	13,213	32,715	91	1	1,200	300	188,405
53	Paints	6	230,823		3,500	23,755	203,568	2	25	41,260	58	29,646
54	Paper hanging	14	15,205			3,545	11,660	14	4	3,700	90	59,785
55	Patent medicines and compounds	19	38,145			5,300	32,845	16	9	5,920	48	16,655
56	Paving and paving materials	28	1,033,534	72,840	18,206	68,792	873,696	33	33	32,079	685	340,011
57	Photography	29	53,995	125	80	20,670	33,120	33	3	1,980	76	46,411
58	Plastering and stuccowork	22	24,045	4,800	2,850	4,860	11,535	33	1	1,408	123	79,414
59	Plumbing, and gas and steam fitting	46	258,635	6,200	14,100	21,985	216,350	63	33	26,625	383	265,661
60	Printing and publishing, book and job	63	720,010	2,200	5,000	399,716	313,094	62	166	114,805	804	419,784
61	Printing and publishing, newspapers and periodicals.	41	702,812	5,000	11,100	306,587	380,125	39	152	154,003	616	512,428
62	Roofing and roofing materials	10	95,105	2,500	2,500	23,176	66,929	7	20	16,696	92	48,563
63	Saddlery and harness	29	272,760	3,325	2,400	22,996	244,039	33	28	36,675	316	162,913
64	Sewing machine repairing	3	725			225	500	2			2	1,500
65	Shirts	6	47,365			6,155	41,210	5	3	5,100	134	44,889
66	Surgical appliances	3	1,250			525	725		4	7,200	4	2,124
67	Tinsmithing, coppersmithing, and sheet-iron working.	77	207,455	14,500	24,050	38,092	130,813	95	34	30,010	251	142,553
68	Tobacco, cigars and cigarettes	30	51,708	250	350	7,200	43,908	41	12	9,381	112	61,074
69	Trunks and valises	8	46,065			10,865	35,200	9	5	3,312	38	19,845
70	Typewriter repairing	5	3,750			1,075	2,675				13	7,588
71	Vinegar and cider	5	78,186	8,750	20,340	28,723	20,373	3	7	7,760	24	13,301
72	Watch, clock, and jewelry repairing	47	98,030	1,000	750	26,865	69,415	47	25	26,150	118	70,105
73	Window shades	3	237,820	80	200	3,440	234,100	2	10	11,060	51	19,316
74	Wirework, including wire rope and cable.	5	48,225			11,100	37,125	8	1	420	33	22,880
75	All other industries[1]	97	11,902,748	871,750	614,500	8,570,006	1,846,492	93	277	217,998	2,012	913,851

[1] Embraces ammunition, 2; artificial limbs, 2; awnings, tents, and sails, 2; babbitt metal and solder, 1; baking and yeast powders, 2; billiard tables and materials, 1; boot and shoe uppers, 1; boots and shoes, factory product, 1; boxes, cigar, 1; boxes, fancy and paper, 2; brass castings and brass finishing, 2; brassware, 1; bridges, 1; buttons, 1; carpets, rag, 1; cars and general shop construction and repairs by street railroad companies, 1; cheese and butter, urban dairy products, 1; cleansing and polishing preparations, 1; corsets, 1; electrical apparatus and supplies, 2; electroplating, 2; enameling and enameled goods, 1; engraving, steel, including plate printing, 2; engraving, wood, 1; envelopes, 1; files, 1; flags and banners, 1; flavoring extracts, 2; furs, dressed, 1; gas and lamp fixtures, 1; gas, illuminating and heating, 1; gas machines and meters, 1; glass, cutting, staining, and ornamenting, 2; hairwork, 1; hardware, 1; house furnishing goods, not elsewhere specified, 2; ink, writing, 1; iron and steel, 1; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel, doors and shutters, 1;

BY SPECIFIED INDUSTRIES: 1900—Continued.

KANSAS CITY—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
		1	$600			$557	$390	$7	$160		$3,670	$3,640	$30	$7,700	17
357	$231,924	58	19,496	5	$1,113	164,038	51,510	1,192	12,039	$99,297	385,457	384,042	1,415	1,006,509	18
98	32,412	1,266	252,100	2	144	21,939	9,350	2,239	10,210	140	737,055	728,645	8,410	1,123,739	19
10	8,566	307	101,422	6	788	16,594	12,611	155	3,828		150,404	149,978	426	331,143	20
1	400	101	32,940			3,920	1,410	500	2,010		65,275	64,880	395	130,455	21
18	11,466	2	420	21	2,573	20,601	4,680	571	15,350		143,090	141,140	1,950	242,500	22
350	132,057	412	76,553	3	625	209,521	6,050	2,799	200,672		1,300,479	1,289,362	11,117	1,955,886	23
54	29,325	14	4,520	1	275	8,600	7,074	68	1,133	325	10,285	8,822	1,463	82,415	24
61	33,843					7,195	3,500	165	3,530		180,279	179,818	461	261,503	25
17	11,280	5	1,180			2,059	1,764	10	285		10,335	10,125	210	34,800	26
102	56,415	3	1,200	1	389	45,912	3,645	2,804	39,463		1,772,836	1,746,525	26,311	2,070,111	27
5	2,920	1	480	1	360	665	581	23	61		5,484	5,269	215	14,779	28
426	248,889	1	260	1	400	40,756	13,285	1,412	25,909	150	518,804	509,428	9,376	1,042,448	29
10	6,080	38	11,182			5,034	3,360	174	1,500		59,375	59,075	300	108,588	30
109	70,335	4	1,400	1	100	11,778	9,103	421	2,254		67,098	65,806	1,292	210,805	31
85	47,301	5	2,420	12	1,280	12,770	4,455	2,344	5,971		128,755	125,079	3,676	245,699	32
16	9,500			2	294	1,993	1,570	53	370		7,740	7,430	310	26,950	33
11	6,450	8	2,040			1,730	1,140	40	550		10,495	10,305	190	30,435	34
42	29,960					7,217	1,320	1,053	4,844		57,733	14,745	42,988	138,428	35
18	16,390	3	650	2	325	3,060	1,215	75	1,520	250	25,032	24,835	197	55,600	36
5	3,450	1	300			957	470	12	175	300	7,180	7,170	10	19,380	37
262	131,178	23	5,425			622,089	4,240	9,088	608,761		250,017	217,547	32,470	1,309,027	38
4	3,320	3	630	1	200	2,716	2,134	32	550		7,235	7,035	200	26,080	39
17	7,658					2,507	2,147	25	335		17,860	17,710	150	40,743	40
399	241,484			1	74	11,579	962	3,167	7,450		532,142	530,584	1,558	876,644	41
146	83,558			1	115	7,116	2,740	208	2,368	1,800	96,788	95,364	1,424	232,466	42
1,057	596,281			3	877	45,753	4,046	492	17,395	23,820	853,081	846,258	6,823	1,816,756	43
44	26,000	9	3,380	2	510	4,882	3,710	242	930		81,723	81,073	650	144,015	44
		10	2,950			389	322	2	65		5,303	5,303		9,700	45
15	10,200	217	68,174	1	300	68,269	25,271	10,178	32,820		466,403	466,128	275	818,897	46
22	12,176			2	385	9,726	1,820	384	7,152	370	20,851	20,163	688	74,761	47
13	9,550			1	175	1,123	836	37	250		5,639	5,329	310	25,296	48
22	12,800					6,910	1,160	225	4,025	1,500	47,480	47,405	75	82,000	49
23	13,840					600	468	40	92		6,990	6,620	370	27,200	50
36	22,720	3	1,050			4,348	3,020	78	1,250		86,342	85,590	752	146,785	51
296	187,250	1	555	3	600	21,708	5,554	183	4,796	11,175	122,570	122,181	389	426,236	52
49	25,738	9	3,908			40,482	6,340	772	33,370		466,385	464,340	2,045	622,677	53
90	59,785					3,573	1,976	32	1,565		50,737	50,632	105	136,634	54
35	13,085	11	3,220	2	350	24,879	4,796	160	19,923		38,126	37,781	345	133,540	55
682	339,556			3	455	88,212	1,685	3,363	53,176	29,988	739,998	733,490	6,508	1,287,269	56
48	35,017	27	11,212	1	182	17,170	13,971	553	2,646		27,640	27,435	205	131,622	57
123	79,414					4,291	399	75	842	2,975	58,946	58,825	121	178,593	58
377	264,386			6	1,275	24,866	12,752	1,058	8,496	2,560	433,809	431,762	2,047	911,602	59
598	355,831	181	59,184	25	4,769	102,835	30,820	3,244	56,591	12,180	333,089	317,942	15,147	1,187,253	60
548	483,471	54	26,479	14	2,478	237,242	30,943	2,405	169,164	34,730	430,461	419,926	10,535	1,582,763	61
92	48,563					16,131	2,715	677	12,739		144,607	143,069	1,538	269,998	62
298	156,726	10	4,502	8	1,685	27,307	15,207	1,054	11,046		605,307	602,679	2,628	925,287	63
2	1,500					577	450	12	115		2,285	2,235	50	6,337	64
17	12,135	117	32,754			4,715	2,846	112	1,257	500	65,874	65,325	549	139,720	65
2	1,512	2	612			6,879	839	15	6,025		2,600	2,600		21,380	66
238	139,613	1	480	12	2,460	39,000	16,733	1,321	10,796	10,150	205,521	202,334	3,187	554,713	67
94	56,640	13	3,599	5	835	26,740	4,386	293	22,061		80,358	79,963	395	224,303	68
35	19,100	1	480	2	265	6,844	4,560	314	1,970		38,145	37,920	225	92,241	69
13	7,588					1,430	1,200	2	228		4,655	4,655		16,470	70
22	12,351	1	800	1	150	5,383	1,284	499	3,600		40,503	36,910	3,593	82,400	71
100	67,025	8	1,260	10	1,820	13,493	10,308	289	2,896		89,226	87,355	1,871	271,803	72
38	16,276	7	2,000	6	1,040	11,603	3,500	530	7,573		229,670	228,170	1,500	284,500	73
32	22,575			1	305	6,736	1,820	81	1,260	3,575	102,597	101,562	1,035	158,000	74
1,621	818,823	305	81,718	86	13,310	412,910	41,289	42,533	329,088		3,090,618	2,995,484	95,134	5,555,641	75

ironwork, architectural and ornamental, 1; kaolin and other earth grinding, 1; lime and cement, 1; liquors, vinous, 1; lithographing and engraving, 2; lumber and timber products, 1; mantels, slate, marble, and marbleized, 2; mirrors, 1; mucilage and paste, 2; oil, castor, 1; oil, linseed, 1; oleomargarine, 1; perfumery and cosmetics, 1; phonographs and graphophones, 1; photographic materials, 1; photolithographing and photoengraving, 2; pickles, preserves, and sauces, 2; plumbers' supplies, 2; pottery, terra cotta, and fire-clay products, 1; printing materials, 1; refrigerators, 1; sausage, 1; show cases, 2; soap and candles, 2; stamped ware, 1; starch, 1; stencils and brands, 1; stereotyping and electrotyping, 2; tobacco, chewing, smoking, and snuff, 1; tools, not elsewhere specified, 1; toys and games, 1; varnish, 2; washing machines and clothes wringers, 1; wood, turned and carved, 2.

TABLE 8.—MANUFACTURES IN CITIES

ST. JOSEPH.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	440	$11,068,825	$983,535	$1,907,849	$3,323,616	$4,853,825	462	562	$516,083	7,429	$3,109,647
2	Bicycle and tricycle repairing	3	1,420		150	250	1,020	3			4	2,480
3	Blacksmithing and wheelwrighting	32	16,220	2,800	6,050	2,205	5,165	44			29	16,418
4	Boots and shoes, custom work and repairing.	15	9,155	1,190	3,770	1,985	2,210	15			9	5,285
5	Boots and shoes, factory product	4	131,083			37,819	93,264	3	12	10,928	200	72,876
6	Bread and other bakery products	24	1,161,647	62,000	184,650	590,127	324,870	22	72	53,074	389	118,797
7	Brick and tile	10	159,485	19,900	47,866	28,108	63,611	10	4	4,000	236	94,175
8	Carpentering	25	34,555	3,820	2,995	4,180	23,560	27			174	125,489
9	Carriages and wagons	9	87,570	18,200	20,650	8,105	40,615	10	3	1,960	74	39,500
10	Cars and general shop construction and repairs by steam railroad companies.	4	260,837	54,000	96,000	57,000	53,837		15	15,060	552	304,869
11	Clothing, men's, custom work and repairing.	23	54,545	3,000	4,000	2,745	44,800	26	3	3,300	100	52,624
12	Clothing, men's, factory product	9	858,973	48,000	77,000	60,124	673,849	10	61	98,790	1,683	506,418
13	Clothing, women's, dressmaking	6	1,890			1,090	800	4	2	1,700	50	9,510
14	Coffee and spice, roasting and grinding	3	112,000	20,000	17,000	11,000	64,000	2	2	2,800	36	11,964
15	Confectionery	10	271,412	27,100	31,600	40,824	171,888	14	38	31,247	145	53,385
16	Cooperage	4	42,205	9,000	3,000	5,335	24,870	5	2	1,050	68	19,449
17	Dyeing and cleaning	4	8,350	2,000	2,000	2,275	2,075	4			13	4,720
18	Electrical construction and repairs	4	11,880			1,080	10,800	3	2	2,400	19	12,400
19	Flouring and grist mill products	5	576,000	67,000	125,000	178,000	206,000	2	25	29,994	59	35,013
20	Foundry and machine shop products	11	194,533	51,200	36,463	65,760	41,110	11	13	11,920	127	60,640
21	Furniture, cabinetmaking, repairing, and upholstering.	6	1,830	150	150	330	1,200	6			3	1,370
22	Looking-glass and picture frames	3	3,600			900	2,700	2			7	4,150
23	Marble and stone work	3	60,025	15,000	3,550	23,025	18,450	1	5	5,300	24	11,199
24	Masonry, brick and stone	16	30,220	1,550	1,350	10,490	16,830	23			158	79,375
25	Mattresses and spring beds	4	1,760			510	1,250	3	1	525	8	2,096
26	Millinery and lace goods	3	9,155			850	8,305		13	5,800	137	23,600
27	Millinery, custom work	11	39,660	6,000	4,000	765	28,895	19	16	3,392	44	7,695
28	Painting, house, sign, etc	17	15,235	1,200	700	2,320	11,015	18	2	1,360	70	34,507
29	Patent medicines and compounds	4	19,425			2,125	17,300	2	12	5,592	8	3,270
30	Paving and paving materials	3	38,420	700	2,050	13,700	21,970	4	1	1,500	39	30,419
31	Photography	9	11,065		550	7,660	2,855	9	1	600	16	7,214
32	Plastering and stuccowork	3	800	100	50	300	350	4			11	5,360
33	Plumbing, and gas and steam fitting	10	32,980			2,486	30,494	15	6	4,360	77	43,397
34	Printing and publishing, book and job	9	169,150	15,000	16,000	85,150	53,000	11	20	14,420	240	121,529
35	Printing and publishing, newspapers and periodicals.	17	243,289			76,852	166,437	18	25	24,094	131	68,007
36	Roofing and roofing materials	7	16,300	3,700	2,300	3,150	7,150	10			43	26,940
37	Saddlery and harness	7	52,785	4,000	3,500	5,595	39,690	7	7	4,480	176	84,714
38	Slaughtering and meat packing, wholesale.	3	2,908,197	83,009	696,137	472,715	1,656,336		31	62,316	1,371	613,778
39	Tinsmithing, coppersmithing, and sheet-iron working.	20	32,571	6,000	6,946	6,995	12,630	21	1	600	49	27,027
40	Tobacco, cigars and cigarettes	17	27,715	2,650	6,000	2,300	16,765	20	1	780	65	28,790
41	Watch, clock, and jewelry repairing	11	11,865	1,000	1,000	4,385	5,480	12	1	500	16	10,272
42	All other industries[1]	52	3,349,018	454,266	505,372	1,503,001	886,379	47	115	112,241	719	328,926

[1] Embraces agricultural implements, 1; awnings, tents, and sails, 1; bookbinding and blank book making, 2; bottling, 2; boxes, cigar, 1; boxes, wooden packing, 2; brooms and brushes, 1; carpets, rag, 1; carriage and wagon materials, 1; cheese and butter, urban dairy products, 1; china decorating, 1; electroplating, 1; engraving, steel, including plate printing, 1; engraving, wood, 2; flavoring extracts, 1; food preparations, 2; fruits and vegetables, canning and preserving, 2; fur goods, 1; furniture, factory product, 1; gas, illuminating and heating, 1; grease and tallow, 2; hand stamps, 2; hats and caps, not including fur

ST. LOUIS.

1	All industries	6,732	$162,179,331	$17,360,313	$23,899,872	$39,870,415	$81,048,731	6,657	9,778	$10,994,620	82,672	$38,191,076
2	Artificial limbs	4	4,700			1,150	3,550	3	8	1,200	5	3,276
3	Awnings, tents, and sails	12	192,231			24,742	167,489	10	41	31,528	175	57,301
4	Babbitt metal and solder	3	656,810	41,001	79,765	35,186	500,858	2	31	47,480	62	33,570
5	Baking and yeast powders	11	144,332	3,000	3,000	17,650	120,682	9	42	44,580	75	22,758
6	Baskets, and rattan and willow ware	8	442,638	40,000	87,000	27,246	288,392	8	15	17,100	269	103,892
7	Belting and hose, leather	4	112,000	15,000	25,000	10,500	61,500	1	14	14,900	25	13,072
8	Bicycle and tricycle repairing	32	36,061		1,800	8,681	25,580	39	2	1,560	41	20,412
9	Billiard tables and materials	4	5,325			875	4,450	3			11	6,710
10	Blacksmithing and wheelwrighting	306	351,986	84,360	82,090	61,268	124,268	339	11	9,800	465	260,077
11	Bookbinding and blank book making	16	217,267			82,015	135,252	15	22	24,276	325	131,645
12	Boot and shoe cut stock	3	29,810			1,864	27,946	1	6	8,800	43	12,124
13	Boots and shoes, custom work and repairing.	418	106,786	13,750	22,600	25,931	44,505	421	8	1,549	186	83,487
14	Boots and shoes, factory product	29	2,804,644	85,450	442,877	598,794	1,677,523	19	170	190,549	5,344	1,880,360
15	Bottling	7	525,077	14,000	43,000	80,597	387,480	5	7	12,570	1,207	311,286
16	Boxes, fancy and paper	9	285,420			105,975	179,445	4	36	42,264	565	113,904
17	Boxes, wooden packing	17	572,157	73,900	69,726	111,728	316,803	8	43	52,938	636	260,618
18	Brass castings and brass finishing	10	352,975	29,380	18,500	77,330	227,765	8	24	32,318	180	91,833
19	Bread and other bakery products	337	2,265,728	158,910	261,000	1,222,809	623,009	393	274	201,674	1,454	666,509
20	Brick and tile	11	4,315,257	830,775	549,908	410,251	2,524,323	4	48	70,345	857	303,901
21	Bridges	4	139,200			22,700	116,500	2	16	15,360	495	294,900

BY SPECIFIED INDUSTRIES: 1900—Continued.

ST. JOSEPH.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
4,994	$2,500,822	2,297	$587,140	133	$21,685	$1,160,912	$116,371	$43,879	$805,110	$195,552	$25,068,215	$24,842,997	$225,218	$31,690,736	1
4	2,480					398	301	18	79		3,805	3,800	5	10,000	2
27	16,108			2	310	4,746	4,143	197	406		16,856	15,396	1,460	77,013	3
9	5,285					1,307	1,033	104	170		6,161	5,950	211	22,828	4
147	58,538	52	14,201	1	137	13,447	4,354	235	8,858		268,991	266,704	2,287	362,378	5
203	85,632	186	33,165			133,005	6,375	2,383	124,247		855,609	846,540	9,069	1,327,470	6
226	92,907			10	1,268	18,484	2,600	585	11,102	4,197	54,991	2,181	52,810	211,437	7
174	125,489					142,858	2,078	134	1,513	139,133	263,343	263,058	285	533,044	8
74	39,500					8,047	3,390	864	3,393	400	57,769	56,210	1,559	142,993	9
549	304,480			3	389	9,291		3,084	6,207		310,301	302,287	8,014	639,521	10
93	50,282	7	2,342			10,220	6,899	372	2,949		66,792	65,660	1,132	165,235	11
144	76,093	1,523	427,485	16	2,840	68,597	8,383	4,734	55,480		1,058,099	1,050,379	7,720	1,782,395	12
		47	9,210	3	300	846	766		80		25,072	25,047	25	42,021	13
19	8,776	17	3,188			7,970	250	820	6,900		203,270	201,745	1,525	246,400	14
74	40,150	71	13,235			26,151	7,420	2,018	16,713		281,846	277,997	3,849	438,191	15
55	17,655	7	1,150	6	644	7,255	960	167	6,128		64,245	63,920	325	121,880	16
8	3,622	2	630	3	468	2,288	705	63	1,520		1,638	1,363	275	11,150	17
19	12,400					2,830	1,545	85	1,200		40,677	40,470	207	66,900	18
59	35,013					43,640	200	2,794	40,646		757,434	746,834	10,600	956,576	19
127	60,640					5,523	2,515	993	2,015		88,798	81,110	7,688	260,465	20
3	1,370					663	549	25	89		2,297	2,252	45	8,535	21
6	4,050			1	100	975	660	53	262		6,880	6,880		14,700	22
24	11,199					5,729	460	556	3,293	1,420	13,348	12,846	502	33,235	23
158	79,375					2,835	835	215	1,785		165,727	165,302	425	321,365	24
4	1,360	3	528	1	208	835	535	16	184	100	6,905	6,865	40	13,400	25
		134	23,200	3	400	3,515	1,900	100	1,515		80,200	80,200		150,273	26
		43	7,575	1	120	7,889	5,260	349	2,280		55,132	54,968	164	109,280	27
70	34,507					2,827	2,064	72	691		22,156	22,136	20	82,094	28
6	2,825	1	290	1	155	5,024	680	19	4,325		10,636	10,612	24	34,427	29
89	30,419					1,806	305	167	1,334		34,582	34,375	207	100,479	30
10	5,070	5	2,014	1	130	3,694	2,746	94	854		9,096	8,956	140	33,624	31
11	5,360					1,055	85	5	265	700	9,123	9,123		19,640	32
76	43,247			1	150	6,550	3,450	257	2,843		112,898	112,890	8	194,261	33
137	98,580	95	21,541	8	1,408	12,374	5,342	794	6,238		96,359	92,268	4,091	302,060	34
118	64,606	8	2,676	5	725	72,630	5,073	340	18,987	48,230	42,602	40,905	1,697	279,103	35
43	26,940					2,293	551	100	1,642		49,966	49,966		95,050	36
176	84,714					4,347	1,201	614	2,532		306,781	305,970	811	433,346	37
1,332	606,578	2	960	37	6,240	122,807	1,225	3,585	117,997		17,859,996	17,797,892	62,104	19,009,332	38
44	26,063			5	964	4,061	2,814	189	1,058		44,533	44,283	250	101,471	39
50	26,309	4	970	11	1,511	12,924	3,286	400	9,238		27,705	27,615	90	86,495	40
14	10,048			2	224	3,179	2,282	276	621		7,027	6,842	185	34,910	41
612	303,152	90	22,780	17	2,994	375,997	21,151	16,003	337,471	1,372	1,678,569	1,633,200	45,369	2,810,759	42

hats and wool hats, 1; ice, manufactured, 1; ironwork, architectural and ornamental, 1; liquors, malt, 2; lock and gun smithing, 1; lumber, planing mill products, including sash, doors, and blinds, 2; mineral and soda waters, 2; monuments and tombstones, 2; refrigerators, 1; sewing machine repairing, 2; shirts, 1; sporting goods, 1; starch, 1; trunks and valises, 1; wirework, including wire rope and cable, 1; wood, turned and carved, 1; woolen goods, 1.

ST. LOUIS.

64,111	$33,537,466	15,548	$4,113,863	3,013	$539,747	$33,271,804	$2,262,390	$745,815	$24,489,616	$5,773,983	$117,861,443	$115,458,275	$2,403,168	$233,629,733	1
5	3,276					2,195	1,476	24	695		2,992	2,972	20	16,580	2
64	27,010	108	29,927	3	364	24,325	12,940	600	8,785	2,000	312,804	311,019	1,785	618,565	3
62	33,570					72,016		3,831	65,185	3,000	2,519,867	2,510,177	9,690	2,765,434	4
27	12,704	48	10,054			22,419	5,252	613	16,554		345,966	344,132	1,834	565,708	5
183	88,332	41	7,300	45	8,260	10,891	1,572	1,200	8,119		126,226	123,080	3,146	361,290	6
24	12,922			1	150	20,641	1,380	778	16,533	1,950	165,075	163,690	1,385	224,500	7
33	19,356	1	360	7	696	11,934	6,701	143	3,040	2,050	49,991	49,532	459	123,935	8
11	6,710					2,443	1,200	68	1,175		10,239	10,154	85	38,000	9
447	257,074			18	3,003	59,950	45,855	2,995	10,725	375	265,977	252,870	13,107	906,069	10
142	81,803	175	48,585	8	1,257	22,583	11,690	452	8,681	1,760	112,110	109,510	2,600	349,729	11
28	8,856	15	3,268			4,533	2,720	122	1,691		115,938	115,398	540	177,050	12
181	82,520	1	360	4	607	49,428	39,449	955	6,307	2,717	125,445	123,467	1,978	455,716	13
2,927	1,229,938	1,998	581,190	419	69,232	159,410	39,406	9,555	110,449		5,851,880	5,803,110	48,770	8,286,156	14
881	239,300	4	570	322	71,416	117,681	26,110	4,444	87,127		2,958,156	2,953,056	5,100	3,751,130	15
131	51,412	363	54,052	71	8,440	22,710	13,270	667	8,773		130,587	127,623	2,964	413,198	16
520	242,560	13	2,702	103	15,356	50,407	16,474	3,649	30,284		713,646	708,141	5,505	1,246,548	17
175	90,793			5	1,040	45,247	5,490	1,489	37,268	1,000	915,360	901,510	13,850	1,131,854	18
1,025	559,146	337	86,307	92	21,056	227,370	105,025	12,187	109,378	780	2,413,586	2,347,521	66,065	4,817,756	19
781	293,658			76	10,243	66,416	4,544	15,760	45,992	120	137,368	13,797	123,571	642,961	20
495	294,900					6,017	572	500	4,245	600	196,595	192,755	3,840	588,000	21

TABLE 8.—MANUFACTURES IN CITIES

ST. LOUIS—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
22	Brooms and brushes	28	$100,205	$2,350	$6,350	$10,232	$81,273	29	14	$11,357	164	$67,089
23	Carpentering	565	1,526,349	106,725	122,325	193,468	1,103,831	628	83	91,544	3,759	1,647,120
24	Carpets, rag	6	2,775			1,075	1,700	6			15	5,593
25	Carriage and wagon materials	11	481,136	46,100	54,000	148,942	232,094	8	21	30,520	286	134,017
26	Carriages and wagons	110	2,466,202	276,009	253,742	150,427	1,786,024	100	161	183,973	1,756	924,916
27	Cars and general shop construction and repairs by steam railroad companies.	6	945,145	496,000	113,800	158,393	176,952		66	61,329	1,163	671,752
28	Cars, steam railroad, not including operations of railroad companies.	3	2,880,982	348,229	455,476	361,140	1,721,137		76	74,455	1,705	841,419
29	Cars, street railroad, not including operations of railroad companies.	4	2,740,655	357,064	301,731	281,180	1,800,680		48	87,597	1,175	626,481
30	Cheese and butter, urban dairy products.	34	11,185	3,150	2,950	1,735	3,350	32			8	1,617
31	Chemicals	8	1,969,875	181,224	294,389	427,586	1,066,676	1	78	111,606	340	162,351
32	Cleansing and polishing preparations	6	7,860		500	1,560	5,800	6	10	5,770	8	3,832
33	Clocks	3	205,275	400	1,500	10,425	192,950	1	6	6,400	35	21,692
34	Clothing, men's, custom work and repairing.	407	1,186,050	48,750	47,350	46,395	1,043,555	441	138	149,079	1,565	841,719
35	Clothing, men's, factory product	126	3,240,918	20,100	13,900	131,505	3,075,413	141	287	373,871	2,790	845,675
36	Clothing, men's, factory product, buttonholes.	5	3,810			2,370	1,440	5			12	4,458
37	Clothing, women's, dressmaking	142	130,170	4,475	7,000	15,855	102,840	147	11	14,268	682	216,935
38	Clothing, women's, factory product	42	990,456	3,000	3,000	94,951	889,505	52	182	182,651	1,957	529,125
39	Coffee and spice, roasting and grinding	20	2,271,298	310,866	40,622	234,757	1,685,053	14	259	270,184	419	149,447
40	Coffins, burial cases, and undertakers' goods.	5	428,734	18,100	47,400	41,600	321,634	2	62	64,454	350	149,827
41	Confectionery	48	1,248,547	140,000	135,360	272,607	700,580	40	321	241,387	1,081	380,854
42	Cooperage	44	1,146,562	117,900	157,655	154,735	716,272	38	48	71,660	941	361,631
43	Corsets	6	114,660	6,417	24,000	18,975	65,268	4	7	6,390	132	34,322
44	Cutlery and edge tools	3	1,875			875	1,000	3			3	2,400
45	Druggists' preparations, not including prescriptions.	13	871,084	49,675	61,600	21,140	738,669	7	94	133,045	193	67,454
46	Dyeing and cleaning	39	152,002	23,500	62,500	42,015	23,987	41	15	14,670	206	89,293
47	Electrical apparatus and supplies	11	974,000	35,000	65,000	168,023	705,977	5	57	65,050	522	181,821
48	Electrical construction and repairs	29	43,354			13,724	29,630	29	11	8,830	99	63,617
49	Electroplating	10	41,100			19,900	21,200	12	6	5,800	81	39,010
50	Enameling and enameled goods	3	40,171			22,419	17,752	1	8	6,300	35	10,486
51	Engraving and diesinking	18	46,250		2,000	31,800	12,450	16	19	21,240	88	44,619
52	Engraving, steel, including plate printing.	5	47,258			17,705	29,553	1	17	16,278	41	21,441
53	Engraving, wood	8	9,490			4,075	5,415	9			26	10,202
54	Envelopes	3	61,920			33,599	28,321	2	6	4,319	48	13,985
55	Fancy articles, not elsewhere specified	7	62,303		3,200	22,615	36,488	2	5	2,100	32	12,684
56	Fertilizers	3	219,201	20,767	46,957	37,607	113,870	1	15	12,907	60	27,986
57	Flavoring extracts	8	96,160			7,060	89,100	10	15	56,240	63	22,707
58	Flouring and grist mill products	16	1,386,107	155,350	292,800	328,275	609,682	3	95	120,480	244	129,719
59	Food preparations	22	670,093	402	125,518	100,032	444,141	20	94	116,571	331	132,645
60	Foundry and machine shop products	139	9,582,677	1,078,746	1,031,970	1,839,684	5,632,277	56	631	737,526	5,503	3,056,856
61	Fur goods	7	48,400			3,100	45,300	4	8	2,836	43	19,872
62	Furnishing goods, men's	3	166,691	600	400	8,100	157,591	9	32	28,720	147	44,754
63	Furniture, cabinetmaking, repairing, and upholstering.	104	506,982	54,175	110,840	38,378	303,589	101	31	43,042	513	251,838
64	Furniture, factory product	40	2,759,567	407,825	534,096	397,485	1,420,161	19	230	247,289	2,283	995,997
65	Gas and lamp fixtures	6	91,774			19,163	72,611	7	12	14,100	81	37,403
66	Glass, cutting, staining, and ornamenting.	15	407,265	33,750	20,000	15,305	338,210	11	22	28,690	305	86,356
67	Grease and tallow	4	444,500	60,000	94,000	145,800	144,700	2	12	18,380	58	33,440
68	Hairwork	6	18,380	6,000	3,000	2,880	6,500	7	2	1,000	16	3,184
69	Hand stamps	3	21,770			8,130	13,640	1	5	5,400	15	7,118
70	Hardware	4	361,919	27,000	49,000	80,200	205,719	1	17	36,300	495	156,050
71	Hats and caps, not including fur hats and wool hats.	12	51,889			12,471	39,418	15	5	1,848	158	54,822
72	House furnishing goods, not elsewhere specified.	4	11,625			5,075	6,550	1	6	5,130	20	6,345
73	Ice, manufactured	10	1,034,768	133,000	186,700	586,439	128,629	3	28	33,508	129	78,358
74	Instruments, professional and scientific	8	168,168			52,268	115,900	7	2	5,800	72	56,752
75	Iron and steel	5	1,665,809	322,607	270,636	411,173	661,393		44	73,633	1,478	832,760
76	Ironwork, architectural and ornamental.	18	1,686,358	198,300	189,118	294,572	1,004,368	8	90	118,269	736	424,467
77	Jewelry	8	134,012			34,000	100,012	7	5	6,176	143	98,926
78	Kaolin and other earth grinding	3	236,500	30,000	60,000	105,000	41,500	5	3	3,400	91	44,549
79	Lamps and reflectors	6	332,396	500	10,300	39,050	282,546	5	14	15,955	148	55,349
80	Leather goods	5	51,290	7,000	18,000	7,040	19,250	8	6	1,650	38	16,100
81	Leather, tanned, curried, and finished	8	914,923	97,135	117,536	73,343	626,909	9	20	35,360	182	97,538
82	Liquors, malt	28	23,349,239	3,807,638	7,485,979	2,938,050	9,117,572	5	302	708,825	2,670	1,660,252
83	Lithographing and engraving	8	459,621			232,033	227,588	5	49	67,049	312	161,733
84	Lock and gun smithing	64	24,297	1,450	1,900	10,775	10,172	70			35	19,147
85	Looking-glass and picture frames	31	198,969	12,400	16,723	13,253	156,593	33	32	33,877	211	103,192
86	Lumber and timber products	4	708,367	18,400	86,850	371,878	231,239	1	17	21,275	315	107,600

BY SPECIFIED INDUSTRIES: 1900—Continued.

ST. LOUIS—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
121	$59,884	22	$5,015	21	$2,190	$19,774	$4,576	$517	$14,681		$161,890	$161,106	$784	$353,385	22
3,747	1,644,446	1	800	11	1,874	3,784,329	45,027	6,431	89,222	$3,643,649	3,681,822	3,669,198	12,624	11,057,162	23
12	5,148			3	445	1,211	1,048	25	138		502	482	20	13,040	24
280	133,117			6	900	22,240	6,057	1,361	14,822		306,741	302,223	4,518	655,773	25
1,703	908,794	41	13,534	12	2,588	189,245	68,181	10,261	100,881	9,922	2,111,372	2,085,579	25,793	4,033,799	26
1,160	671,083	3	669			16,822	10	10,517	6,295		605,196	592,179	13,017	1,355,099	27
1,699	839,264	6	2,155			111,148	2,400	5,940	102,808		3,295,443	3,235,494	59,949	4,974,662	28
1,170	625,276	2	725	3	480	129,709	5,120	51,111	73,478		1,329,966	1,320,084	9,882	2,406,836	29
6	1,247	2	370			1,989	1,502	112	375		19,925	19,835	90	34,931	30
277	150,557	37	7,152	26	4,642	135,806	7,200	16,775	111,831		1,335,798	1,302,927	32,871	1,804,090	31
8	3,832					2,644	867	77	1,700		8,030	7,925	105	28,548	32
35	21,692					2,533	2,172	281	80		70,464	69,698	766	184,975	33
1,081	681,821	443	152,946	41	6,952	434,783	174,663	5,620	122,047	132,453	1,133,235	1,122,215	11,020	3,178,255	34
698	355,553	2,036	482,886	56	7,236	556,586	92,334	9,344	82,283	372,625	3,002,468	2,982,007	20,461	5,577,442	35
7	3,228	5	1,230			686	508		178		2,419	2,196	223	14,112	36
39	29,594	617	184,337	26	3,004	42,980	28,670	872	10,693	2,745	253,504	251,682	1,822	726,172	37
377	161,836	1,522	359,134	58	8,155	131,655	47,327	3,309	35,809	45,210	1,670,705	1,657,536	13,169	2,987,446	38
227	110,980	175	36,025	17	2,442	183,767	46,034	8,680	126,303	2,750	3,947,513	3,927,172	20,341	4,765,564	39
273	131,338	77	18,489			51,851	14,860	2,540	34,451		491,523	487,809	3,714	775,301	40
520	264,853	516	109,191	45	6,810	195,003	72,742	7,696	113,765	800	1,810,623	1,788,255	22,368	2,997,685	41
851	344,073			90	17,558	61,144	9,480	5,185	46,479		961,929	956,726	5,203	1,698,862	42
9	6,331	119	27,601	4	390	13,540	1,844	451	11,245		64,862	63,850	1,012	126,136	43
3	2,400					2,368	540	22	806	1,000	1,300	1,060	240	12,550	44
78	40,288	114	27,016	1	150	319,071	8,242	1,904	308,925		481,604	479,412	2,192	1,718,970	45
123	64,076	76	24,145	7	1,072	26,116	11,953	1,594	11,669	900	30,245	25,762	4,483	229,166	46
395	152,326	111	26,245	16	3,250	142,701	10,590	3,135	122,976	6,000	340,599	329,773	10,826	874,890	47
98	63,409			1	208	11,321	5,947	150	1,974	3,250	70,067	68,676	1,391	196,550	48
68	36,310			13	2,700	10,553	5,318	143	4,912	180	17,670	15,928	1,742	90,965	49
25	9,010	9	1,320	1	156	3,011	1,819	117	1,075		9,917	7,327	2,590	38,315	50
75	42,547			13	2,072	12,840	5,917	304	5,419	1,200	22,746	19,588	3,158	134,622	51
38	20,609	3	832			8,400	3,956	81	2,863	1,500	30,596	29,561	1,035	90,514	52
20	9,618			6	584	1,975	1,276	34	305	360	2,759	2,681	78	28,873	53
18	9,360	29	4,390	1	235	2,593	1,230	123	1,240		28,112	27,620	492	52,771	54
15	8,365	14	3,611	3	708	5,222	2,726	66	1,680	750	13,671	11,661	2,010	38,000	55
59	27,590			1	396	36,449	300	783	30,714	4,652	137,306	129,698	7,608	236,635	56
30	13,525	33	9,182			11,439	5,707	703	5,029		110,361	109,132	1,229	209,618	57
211	115,969	31	13,250	2	500	113,235	4,350	8,257	100,628		3,432,751	3,392,269	40,482	4,004,062	58
244	114,555	73	16,560	14	1,530	86,227	14,099	2,066	70,062		797,586	789,537	8,049	1,290,260	59
5,426	3,037,370	4	1,000	73	18,486	834,848	89,949	36,902	655,580	52,417	5,134,497	4,974,810	159,687	11,628,140	60
14	10,105	27	9,286	2	481	9,514	4,400	107	4,682	325	73,822	73,517	305	141,695	61
18	11,362	124	32,554	5	838	23,024	6,964	290	15,770		172,562	171,867	695	315,600	62
465	235,692	37	13,912	11	2,234	63,010	25,860	2,849	31,971	2,330	492,447	483,698	8,749	1,123,149	63
2,097	954,609	70	22,550	116	18,838	195,040	24,910	15,858	146,477	7,795	1,367,227	1,344,333	22,894	3,268,765	64
81	37,403					13,888	5,840	298	7,750		39,684	37,488	2,196	130,500	65
283	79,886	13	3,900	9	2,570	22,749	12,405	2,319	7,950	75	505,557	497,635	7,922	842,625	66
58	33,440					16,515	540	1,975	14,000		218,052	195,100	22,952	339,197	67
2	776	14	2,408			3,793	2,120	318	1,355		5,104	4,933	171	20,075	68
12	6,500			3	618	2,567	1,040	200	1,177	150	12,290	12,025	265	46,345	69
495	156,050					17,495	615	2,610	14,270		234,261	226,511	7,750	718,065	70
56	27,227	101	27,445	1	150	6,404	4,444	150	1,810		87,648	86,158	1,490	205,140	71
7	3,520	12	2,600	1	225	2,070	1,090	125	855		34,330	33,920	410	55,406	72
129	78,358					47,966	5,400	4,727	37,839		112,419	29,638	82,781	305,718	73
72	56,752					7,669	5,185	255	1,979	250	23,080	21,155	1,925	138,474	74
1,469	830,934			9	1,826	81,455	15,650	9,480	56,325		1,749,165	1,415,957	333,208	3,274,448	75
721	422,133			15	2,334	167,660	5,711	6,306	75,163	80,480	880,297	851,472	28,825	1,768,693	76
136	95,442	6	3,172	1	312	10,463	8,180	462	1,341	480	81,947	79,026	2,921	268,254	77
91	44,549					26,700	560	1,025	25,115		151,355	132,532	18,823	272,549	78
132	52,499			16	2,850	11,354	2,783	656	7,915		59,890	58,472	1,418	162,881	79
35	15,454			3	646	2,804	612	612	1,580		57,079	56,669	410	90,055	80
181	97,382			1	156	27,700	800	2,163	24,737		548,216	541,832	6,384	805,700	81
2,644	1,654,088			26	6,164	5,189,517	17,134	136,034	5,036,349		2,633,437	2,388,203	245,234	11,673,599	82
241	144,720	70	16,863	1	150	52,414	9,892	1,038	35,513	5,971	178,400	175,132	3,268	571,004	83
32	18,763	1	150	2	234	10,071	7,647	275	2,149		14,138	12,825	1,313	84,123	84
139	72,604	25	10,704	47	19,884	32,368	14,458	1,005	16,905		193,614	191,626	1,988	447,345	85
271	101,100	44	6,500			27,392	2,200	3,242	21,950		235,478	234,020	1,458	563,275	86

TABLE 8.—MANUFACTURES IN CITIES

ST. LOUIS—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
87	Lumber, planing mill products, including sash, doors, and blinds.	31	$2,026,508	$359,370	$253,995	$318,693	$1,094,450	9	150	$163,866	1,201	$574,116
88	Malt	9	473,946	55,600	137,980	38,750	241,616	4	18	23,984	53	40,599
89	Marble and stone work	40	454,520	77,075	15,570	64,735	297,140	52	26	34,220	353	209,670
90	Masonry, brick and stone	192	843,569	118,210	59,981	93,471	571,907	235	90	92,272	2,005	1,414,746
91	Mattresses and spring beds	13	168,070	9,300	20,000	22,398	116,372	13	14	17,410	165	69,764
92	Millinery and lace goods	7	83,855			22,527	61,328	5	14	9,084	271	55,555
93	Millinery, custom work	129	255,541	3,100	3,150	9,249	240,042	144	27	28,134	593	170,352
94	Mineral and soda waters	36	492,200	36,775	52,700	142,639	260,086	35	47	47,224	254	125,616
95	Mirrors	3	56,572	12,000		24,200	20,372	1	11	9,766	68	29,175
96	Models and patterns	12	32,340		200	15,412	16,728	12	4	3,660	65	41,812
97	Monuments and tombstones	22	395,361	106,000	31,700	11,180	246,481	23	16	18,975	119	63,629
98	Mucilage and paste	5	25,998			4,585	21,413	6	3	3,640	18	5,931
99	Musical instruments and materials, not specified.	5	3,700			2,100	1,600	6			1	520
100	Musical instruments, organs and materials.	4	43,380	4,300	20,100	1,330	17,650	6			28	13,916
101	Oil, not elsewhere specified	3	34,102			1,450	32,652	3	12	6,942	6	3,120
102	Optical goods	7	152,700			8,150	144,550	8	7	6,050	17	8,406
103	Painting, house, sign, etc	336	451,048	53,980	39,125	62,112	295,831	376	57	59,902	1,186	765,402
104	Paints	13	2,844,576	257,368	348,518	378,103	1,860,587	7	113	172,366	429	195,464
105	Paper hanging	109	270,613	15,075	22,250	15,821	217,467	116	51	39,760	425	234,828
106	Patent medicines and compounds	78	2,054,745	185,900	228,300	140,767	1,499,778	56	309	317,361	591	202,465
107	Paving and paving materials	67	1,055,896	354,551	29,317	215,307	456,721	64	86	103,918	1,427	735,784
108	Perfumery and cosmetics	6	78,407			7,150	71,257	5	21	26,195	84	29,137
109	Photographic materials	3	273,692	24,000	127,000	47,582	75,110	2	26	58,105	140	71,604
110	Photography	65	188,044	15,800	43,615	52,780	75,849	67	26	23,620	203	92,197
111	Photolithographing and photoengraving.	5	13,100			7,800	5,300	7	2	4,000	25	17,385
112	Pickles, preserves, and sauces	7	276,154	11,000	39,000	26,700	199,454	7	62	62,576	155	49,889
113	Plastering and stuccowork	115	134,289	22,600	29,000	13,752	68,937	139	2	482	279	164,704
114	Plated and britannia ware	3	68,800			44,000	24,800	1	6	5,250	35	16,298
115	Plumbers' supplies	8	275,500	27,200	22,800	72,000	153,500	1	55	47,180	321	165,910
116	Plumbing, and gas and steam fitting	243	704,084	116,450	43,150	59,768	484,716	285	75	70,788	898	583,473
117	Pottery, terra cotta, and fire-clay products.	13	2,393,731	808,201	537,137	236,451	811,942	4	101	134,761	1,254	493,755
118	Printing and publishing, book and job	173	3,560,128	116,500	136,250	1,525,326	1,782,052	165	524	481,141	2,329	1,129,757
119	Printing and publishing, newspapers and periodicals.	118	3,493,395	94,000	472,000	1,076,115	1,851,280	80	961	866,924	1,222	911,099
120	Roofing and roofing materials	47	404,730	68,425	7,200	45,927	283,178	45	42	44,909	371	175,685
121	Saddlery and harness	99	1,080,847	105,813	194,272	79,173	701,589	95	100	98,672	568	268,965
122	Saws	3	312,390		8,650	80,312	223,428		38	40,480	174	109,144
123	Scales and balances	3	3,350			1,650	1,700	3	1	1,200	8	4,116
124	Sewing machine repairing	9	2,175			615	1,560	12			4	1,668
125	Ship and boat building, wooden	4	23,592	1,000	2,500	6,525	13,567	7	3	3,070	58	41,696
126	Shirts	19	352,557			48,495	304,062	16	58	65,715	814	226,501
127	Show cases	3	133,979	16,269	26,000	8,648	83,062	2	10	7,574	78	38,970
128	Slaughtering and meat packing, wholesale.	21	2,512,805	271,447	469,871	310,487	1,461,000	20	93	133,273	792	425,881
129	Slaughtering, wholesale, not including meat packing.	4	95,444			31,220	64,224	3	10	9,300	49	22,406
130	Soap and candles	13	2,281,698	228,951	308,864	454,712	1,289,171	11	151	209,195	552	230,489
131	Stationery goods, not elsewhere specified.	4	18,000			7,019	10,981	4	5	5,030	20	8,428
132	Steam fittings and heating apparatus	4	338,474	15,900	10,000	152,768	159,806	3	30	30,517	199	93,083
133	Steam packing	3	17,310			310	17,000	2	5	4,140	18	10,970
134	Stencils and brands	3	7,125			6,300	825	3			5	2,077
135	Stereotyping and electrotyping	3	40,500			24,000	16,500	4	13	12,130	50	30,320
136	Sugar and molasses, refining	5	112,836	3,000	7,000	39,493	63,343	3	16	18,656	27	15,939
137	Surgical appliances	8	18,199	725	500	2,465	14,509	12	2	3,600	18	6,279
138	Tinsmithing, coppersmithing, and sheet-iron working.	214	1,357,783	98,000	160,893	293,978	804,912	235	127	100,889	1,039	481,684
139	Tobacco, chewing, smoking, and snuff	13	6,757,781	294,600	1,549,208	910,907	4,003,066	8	709	679,365	3,502	1,360,692
140	Tobacco, cigars and cigarettes	341	578,309	22,498	45,505	16,040	494,266	354	47	37,756	867	424,152
141	Tools, not elsewhere specified	5	61,500		500	34,800	26,200	2	8	6,340	48	31,580
142	Trunks and valises	10	328,274	1,500	2,000	15,538	309,236	10	42	63,142	316	139,757
143	Type founding	8	252,175			120,500	131,675		20	20,120	146	64,359
144	Typewriter repairing	8	21,430			830	20,600	4	8	5,000	20	12,990
145	Umbrellas and canes	7	49,705			2,460	47,245	7	4	2,191	17	5,573
146	Upholstering materials	4	71,800	14,500	8,000	9,500	39,800	1	5	3,157	36	15,179
147	Varnish	5	126,877	17,000	8,660	12,404	88,813	2	13	20,894	19	12,416
148	Vinegar and cider	7	88,150	500	1,000	20,899	65,751	10	21	19,096	44	21,240
149	Washing machines and clothes wringers.	4	148,982	34,000	30,600	31,720	52,662	3	7	5,760	110	37,655
150	Watch, clock, and jewelry repairing	142	106,713	2,000	3,200	33,525	67,988	152	14	8,174	115	58,149
151	Wirework, including wire rope and cable.	12	728,744	49,000	46,000	140,780	492,964	7	42	69,774	298	152,072

BY SPECIFIED INDUSTRIES: 1900—Continued.

ST. LOUIS—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
1,161	$566,731			40	$7,385	$310,691	$19,404	$13,240	$84,897	$193,150	$1,102,321	$1,084,845	$17,476	$2,367,160	87
53	40,599					20,371	2,900	2,451	15,020		210,225	197,945	12,280	313,803	88
351	209,150			2	520	33,982	9,372	2,237	21,110	1,263	193,107	186,021	7,086	571,608	89
2,005	1,414,746					461,956	15,005	5,458	48,169	393,324	2,261,702	2,256,302	5,400	5,133,589	90
104	54,354	33	$9,877	28	5,533	28,183	7,302	1,087	19,794		243,514	240,607	2,907	412,547	91
20	11,597	245	43,358	6	600	6,956	5,329	292	1,335		195,010	193,968	1,042	295,625	92
6	3,950	558	162,889	29	3,513	74,786	53,892	1,768	19,126		503,856	502,285	1,571	1,035,652	93
216	118,254	11	2,400	27	4,962	77,550	17,052	1,731	58,767		219,759	216,384	3,375	613,337	94
62	28,285	2	350	4	540	11,015	5,349	150	5,516		73,034	71,975	1,059	145,500	95
62	41,212	1	300	2	300	5,680	3,436	154	1,090	1,000	17,757	16,283	1,474	82,431	96
119	63,629					20,763	4,639	1,592	13,792	740	174,697	172,747	1,950	364,913	97
14	4,943	4	988			4,436	1,850	112	2,474		24,841	23,708	1,133	55,618	98
1	520					808	720	31	57		1,500	1,453	47	6,667	99
28	13,916					3,555	186	362	3,007		12,457	12,355	102	36,490	100
6	3,120					2,521	1,120	278	1,123		24,130	23,915	215	45,310	101
15	7,906			2	500	14,018	5,860	85	7,573	500	35,361	34,403	958	88,825	102
1,162	760,916			24	4,486	102,809	36,965	2,621	51,918	11,305	519,897	518,076	1,821	1,916,576	103
406	191,129	15	3,016	8	1,319	128,901	13,119	15,035	100,747		2,765,774	2,737,360	28,414	3,695,678	104
414	232,666	1	250	10	1,912	73,283	50,849	1,831	20,603		214,499	213,989	510	726,091	105
311	140,122	246	58,794	34	3,549	779,449	26,640	4,413	741,546	6,850	764,711	746,723	17,988	2,599,010	106
1,424	734,944			3	840	90,051	10,477	5,182	40,432	33,960	809,605	792,351	17,254	2,112,573	107
22	12,395	60	16,412	2	330	61,334	3,990	277	57,067		154,185	154,016	169	355,243	108
122	66,850	18	4,754			20,175		1,955	18,220		333,852	328,802	5,050	584,496	109
129	68,911	64	21,618	10	1,668	45,632	27,551	1,819	13,547	2,715	115,589	114,007	1,582	402,817	110
21	16,735			4	650	4,864	2,136	61	2,087	580	5,021	4,914	107	45,597	111
76	39,756	75	9,463	4	670	50,631	5,140	1,366	44,125		331,884	327,412	4,472	544,234	112
275	164,062			4	642	28,588	8,980	1,126	16,667	1,815	79,128	78,876	252	418,173	113
27	13,310	4	1,500	4	1,488	3,333	1,750	188	1,395		16,969	15,978	991	58,287	114
316	164,470			5	1,440	17,457	10,100	1,534	5,823		217,791	212,385	5,406	519,516	115
869	578,343			29	5,130	105,522	48,464	3,229	36,637	17,192	984,581	975,259	9,322	2,331,701	116
1,242	491,418			12	2,337	156,619	4,826	11,985	136,455	3,353	288,899	165,488	123,411	1,257,572	117
1,653	952,199	546	156,075	130	21,483	648,828	94,605	9,967	212,775	331,481	2,016,560	1,974,821	41,739	4,420,147	118
1,012	853,865	178	52,911	32	4,323	932,794	92,863	14,149	484,876	340,906	1,315,239	1,281,761	33,478	5,396,308	119
370	175,485			1	200	42,234	10,919	804	30,511		426,242	423,367	2,875	889,827	120
513	256,038	41	9,983	14	2,944	51,524	27,581	5,977	16,617	1,399	683,542	676,690	6,852	1,495,430	121
174	109,144					20,115	5,100	1,937	13,078		147,777	142,777	5,000	432,873	122
8	4,116					1,258	804	28	426		3,516	3,310	206	17,225	123
4	1,668					1,245	874	47	324		3,613	3,544	69	10,675	124
58	41,696					6,000	2,860	73	3,067		23,187	22,367	820	77,326	125
48	28,375	738	194,369	28	3,757	31,207	19,771	1,062	8,874	1,500	379,040	372,623	6,417	848,737	126
76	38,664			2	306	12,405	170	370	11,865		69,011	68,404	607	160,309	127
787	424,581	3	1,000	2	300	158,280	6,660	8,981	142,139	500	10,519,065	10,467,497	51,568	12,267,532	128
47	22,156			2	250	13,622	4,300	559	8,763		601,260	597,935	3,325	675,844	129
422	201,963	129	28,246	1	280	232,352	2,080	9,418	220,854		2,449,210	2,420,843	28,367	3,437,735	130
14	7,380	2	460	4	588	4,396	1,418	58	2,655	265	7,993	7,553	440	32,214	131
199	93,083					27,988	4,680	349	17,836	5,123	185,404	157,422	27,982	439,487	132
18	10,970					3,098	1,320	81	1,697		29,204	29,189	15	53,000	133
3	1,762			2	315	1,147	612	18	217	300	1,631	1,621	10	7,525	134
42	28,900			8	1,420	6,475	3,420	290	2,765		16,099	13,839	2,260	85,500	135
25	15,471	2	468			19,415	920	797	17,698		217,647	215,181	2,466	348,627	136
9	3,767	9	2,512			3,847	1,712	78	1,857	200	9,088	9,016	72	36,357	137
989	473,074	9	1,834	41	6,776	112,186	43,695	5,974	60,302	2,215	1,029,292	1,014,697	14,595	2,180,434	138
1,773	814,950	1,649	524,888	80	20,854	12,259,601	6,624	43,890	12,209,087		8,007,656	7,954,637	53,019	24,411,307	139
729	394,240	64	17,926	74	11,986	208,319	37,968	4,813	165,538		639,148	637,340	1,808	1,656,363	140
48	31,580					3,052	2,280	96	676		29,512	28,037	1,475	90,985	141
296	134,007	20	5,750			63,059	30,230	1,512	30,817	500	232,430	229,282	3,148	605,235	142
92	50,296	45	12,742	9	1,321	25,578	5,140	816	19,622		77,963	75,120	2,843	230,434	143
18	12,702			2	288	3,022	2,220	15	787		5,596	5,596		45,300	144
3	1,950	8	2,492	6	1,131	5,655	3,474	80	2,101		30,995	30,798	197	58,785	145
32	14,659			4	520	3,435	1,148	501	1,786		25,494	24,440	1,054	56,140	146
19	12,416					7,574	1,910	653	5,011		99,435	98,339	1,096	173,068	147
37	20,124	7	1,116			12,541	4,300	342	6,699	1,200	96,119	95,434	685	250,542	148
110	37,655					13,550	1,340	1,570	10,640		122,895	121,180	1,715	207,214	149
99	54,629	2	820	14	2,700	41,620	19,399	560	5,755	15,906	59,362	57,924	1,438	270,727	150
276	148,420			22	3,652	40,520	4,711	2,513	33,296		625,369	617,204	8,165	1,014,330	151

TABLE 8.—MANUFACTURES IN CITIES

ST. LOUIS—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
152	Wood, turned and carved	13	$79,080	$11,500	$9,500	$27,645	$30,435	13	5	$6,720	88	$32,920
153	Woodenware, not elsewhere specified	3	4,350			3,350	1,000	3			3	972
154	Wool pulling	4	65,420	400	500	15,120	49,400	4	1	1,200	33	19,759
155	All other industries[1]	124	32,097,906	2,766,325	3,570,672	17,815,183	7,945,726	79	444	579,871	4,914	2,246,898

[1] Embraces agricultural implements, 2; ammunition, 1; axle grease, 2; bags, other than paper, 2; bags, paper, 2; bells, 2; blacking, 2; bluing, 2; boot and shoe findings, 2; boot and shoe uppers, 1; boots and shoes, rubber, 1; boxes, cigar, 2; brassware, 2; buttons, 2; calcium lights, 1; cars and general shop construction and repairs by street railroad companies, 2; cheese, butter, and condensed milk, factory product, 1; cloth, sponging and refinishing, 1; clothing, horse, 1; cordage and twine, 1; cork, cutting, 2; cotton, compressing, 2; cotton goods, 2; dentists' materials, 1; drug grinding, 1; files, 2; fire extinguishers, chemical, 1; fireworks, 1; fish, canning and preserving, 1; flags and banners, 2; foundry supplies, 1; fruits and vegetables, canning and preserving, 1; fur hats, 1; galvanizing, 1; gas and oil stoves, 1; gas, illuminating and heating, 2; glass, 2; gloves and mittens, 1; glue, 2; gold and silver, leaf and foil, 1; hand knit goods, 1; hardware, saddlery, 1; hosiery and knit goods, 2; ink, printing, 1; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel, forgings, 1; japanning, 2; jewelry and instrument cases, 1; jute and jute

SPRINGFIELD.

1	All industries	245	$2,111,048	$140,802	$475,637	$591,788	$902,821	273	121	$99,110	2,127	$1,017,345
2	Blacksmithing and wheelwrighting	19	7,117	1,260	990	1,960	2,907	23			16	6,840
3	Boots and shoes, custom work and repairing.	9	1,461	25	175	890	371	9			3	1,030
4	Bread and other bakery products	4	5,440	1,000	1,000	1,070	2,370	5	1	520	22	7,754
5	Brick and tile	6	25,025	5,000	5,670	8,155	6,200	9			28	9,028
6	Carpentering	18	15,457	1,662	1,970	3,185	8,640	24			73	34,206
7	Carriages and wagons	4	318,249	15,000	41,231	19,840	242,178	4	8	13,280	107	45,003
8	Clothing, men's, custom work and repairing.	13	29,815			1,560	28,255	12	1	3,600	77	32,895
9	Clothing, women's, dressmaking	11	1,720			830	890	10	3	3,000	44	9,296
10	Confectionery	4	26,675	3,450	12,000	3,775	7,450	5	8	4,400	11	2,554
11	Flouring and grist mill products	4	190,800	11,800	40,000	70,000	69,000	4	8	8,710	54	23,360
12	Lock and gun smithing	3	425			420	5	3				
13	Lumber, planing mill products, including sash, doors, and blinds.	3	93,300	7,300	12,000	25,000	49,000	1	10	6,800	54	17,089
14	Masonry, brick and stone	8	5,366	500	100	266	4,500	10			30	17,680
15	Millinery, custom work	12	17,800			630	17,170	14	5	1,700	22	5,460
16	Painting, house, sign, etc	15	10,250	55	145	2,155	7,895	21			41	18,375
17	Paving and paving materials	5	5,305			1,105	4,200	6			13	5,010
18	Photography	10	6,380	100	700	3,375	2,205	10			10	2,460
19	Plumbing, and gas and steam fitting	4	27,408	2,000	3,000	1,025	21,383	6	1	480	37	10,956
20	Printing and publishing, book and job	8	27,150	2,000	1,000	17,500	6,650	10			17	6,846
21	Printing and publishing, newspapers and periodicals.	11	49,375			36,500	12,875	14	11	8,000	62	34,410
22	Saddlery and harness	3	51,125			2,125	49,000	1	14	3,030	18	7,700
23	Tinsmithing, coppersmithing, and sheet-iron working.	11	45,775	1,500	12,500	8,950	22,825	13	4	3,100	40	17,074
24	Tobacco, cigars and cigarettes	9	13,476	225	150	596	12,505	13	1	50	23	10,148
25	Watch, clock, and jewelry repairing	10	6,185	800	200	2,275	2,910	10			6	3,369
26	All other industries[1]	41	1,129,969	87,125	342,806	378,601	321,437	36	46	42,440	1,319	688,802

[1] Embraces awnings, tents, and sails, 2; bicycle and tricycle repairing, 1; brooms and brushes, 2; carpets, rag, 1; cars and general shop construction and repairs by steam railroad companies, 2; cooperage, 1; dyeing and cleaning, 2; electrical construction and repairs, 1; flavoring extracts, 1; food preparations, 1; foundry and machine shop products, 2; furniture, cabinetmaking, repairing, and upholstering, 2; furniture, factory product, 2; gas, illuminating and heating, 1; hairwork, 1;

TABLE 9.—MANUFACTURES IN CITIES

1	Total for cities	1,680	$12,347,307	$957,995	$2,059,109	$3,491,165	$5,839,038	1,866	781	$695,346	8,619	$3,678,544
2	Boonville	97	299,128	18,900	75,550	82,795	121,883	119	9	6,064	203	89,426
3	Brookfield	64	101,293	11,150	24,515	32,130	33,498	74	4	2,160	193	89,698
4	Cape Girardeau	94	431,170	65,286	72,757	134,116	159,011	115	26	14,631	282	105,009
5	Carrollton	48	215,760	14,850	39,750	56,695	104,465	60	8	4,220	120	41,445
6	Carthage	94	859,385	110,929	97,533	325,356	325,567	107	48	40,698	523	217,237
7	Chillicothe	111	323,685	27,292	49,903	99,385	147,105	133	12	9,520	290	114,007
8	Clinton	62	333,364	31,440	61,150	141,527	99,247	72	16	12,667	172	69,099
9	Hannibal	172	1,890,718	126,332	261,208	461,343	1,041,835	170	145	117,305	1,420	611,859
10	Independence	64	505,645	58,200	79,950	127,655	239,840	63	29	35,737	220	100,982
11	Jefferson City	99	1,627,434	66,070	90,123	284,951	1,186,290	100	179	179,345	455	169,124
12	Louisiana	75	453,470	42,945	66,214	129,274	215,037	82	38	63,314	319	90,531
13	Maryville	69	180,075	26,700	37,550	43,515	72,310	84	9	3,890	155	66,789
14	Mexico	84	261,617	24,375	38,815	94,027	104,400	94	10	5,600	194	68,230
15	Moberly	84	551,453	57,900	160,850	182,315	150,388	91	45	41,863	766	353,641
16	Nevada	81	437,924	32,775	126,350	139,770	139,029	91	30	19,405	403	190,232
17	Rich Hill	48	224,609	9,665	44,870	143,355	26,719	60	4	1,797	115	42,659
18	St. Charles	75	1,940,719	74,600	357,050	440,962	1,068,107	80	59	59,445	1,275	601,987
19	Sedalia	131	1,293,053	125,633	286,757	431,475	449,188	131	79	57,105	1,098	463,787
20	Trenton	86	205,715	14,180	41,424	65,974	84,137	98	23	13,646	252	113,508
21	Webb City	42	211,090	18,773	46,790	74,545	70,982	42	8	6,934	164	79,294

BY SPECIFIED INDUSTRIES: 1900—Continued.

ST. LOUIS—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
88	$32,920					$7,906	$4,393	$288	$3,225		$216,074	$215,568	$506	$302,830	152
2	837	1	$135			758	559	5	194		3,599	3,384	215	7,600	153
33	19,759					4,063	1,530	233	2,300		2,956	1,046	1,910	45,800	154
3,697	1,954,564	989	257,638	228	$34,696	707,184	70,240	85,361	543,413	$8,170	9,998,540	9,797,726	200,814	16,016,287	155

goods, 1; kindling wood, 1; lapidary work, 1; lasts, 2; lead, smelting and refining, 1; lime and cement, 2; liquors, vinous, 2; mantels, slate, marble, and marbleized, 1; musical instruments, pianos and materials, 1; needles and pins, 2; nets and seines, 1; oil, cottonseed and cake, 1; paper goods, not elsewhere specified, 2; paper patterns, 2; pipes, tobacco, 2; printing and publishing, music, 2; printing materials, 1; pumps, not including steam pumps, 1; refrigerators, 1; regalia and society banners and emblems, 2; registers, car fare, 1; rubber and elastic goods, 1; sausage, 2; screws, machine, 1; sewing machines and attachments, 1; soda water apparatus, 2; sporting goods, 2; springs, steel, car and carriage, 1; stamped ware, 1; starch, 1; taxidermy, 2; tin and terne plate, 1; toys and games, 2; whips, 2; window shades, 2; wood, preserving, 1; wool scouring, 1; zinc, smelting and refining, 1.

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1,956	$981,721	145	$32,222	26	$3,402	$154,290	$27,832	$14,526	$68,827	$43,105	$2,274,705	$2,222,823	$51,882	$4,126,871	1
15	6,790			1	50	1,843	1,622	55	146	20	7,699	6,914	785	34,228	2
3	1,030					662	576	11	75		3,004	2,920	84	9,770	3
21	7,694			1	60	1,336	456	75	805		17,322	16,502	820	36,036	4
25	8,648			3	380	325		180	145		5,474	906	4,568	22,450	5
73	34,206					14,772	537	56	372	13,807	69,264	69,239	25	149,557	6
104	44,469			3	534	7,207	240	1,264	5,703		124,388	121,965	2,423	233,834	7
45	24,070	32	8,825			5,085	3,325	345	1,415		43,040	42,695	345	96,583	8
		44	9,296			1,187	1,054	25	108		9,242	9,062	180	27,950	9
7	1,900	4	654			1,463	645	213	605		12,340	11,825	515	28,845	10
54	23,360					9,184		1,493	7,691		848,830	839,910	8,920	985,398	11
						123	108	2	13		180	159	21	2,050	12
53	16,960			1	129	24,440	300	575	3,435	20,130	88,675	88,125	550	164,763	13
30	17,680					6		6			23,134	23,134		48,435	14
		22	5,460			5,217	3,874	239	1,104		28,200	27,980	220	60,825	15
41	18,375					1,986	1,460	61	215	250	15,349	15,237	112	54,045	16
13	5,010					1,115		5	110	1,000	14,281	14,281		24,000	17
5	1,580	5	880			1,951	1,516	28	407		3,900	3,706	194	16,700	18
35	10,520			2	436	4,266	984	144	3,138		23,703	23,652	51	61,164	19
14	6,196	3	650			5,030	1,120	125	785	3,000	10,063	9,816	247	41,600	20
52	32,060	6	1,825	4	525	7,019	2,166	172	2,606	2,075	17,454	15,818	1,636	88,365	21
18	7,700					3,255	1,570	60	1,625		34,660	34,580	80	66,100	22
40	17,074					2,549	1,489	314	746		31,015	30,680	335	67,665	23
17	9,513			6	635	5,620	372	35	5,213		15,539	15,404	135	39,249	24
5	3,200	1	169			2,389	1,515	67	807		4,252	4,081	171	15,050	25
1,286	683,686	28	4,463	5	653	46,260	2,903	8,976	31,558	2,823	823,697	794,232	29,465	1,752,209	26

ice, manufactured, 1; liquors, malt, 1; liquors, vinous, 2; mattresses and spring beds, 1; mineral and soda waters, 2; monuments and tombstones, 2; plastering and stuccowork, 1; printing and publishing, music, 1; roofing and roofing materials, 2; shirts, 1; soap and candles, 1; tobacco, chewing, smoking, and snuff, 2; trunks and valises, 1; wood, turned and carved, 1.

UNDER 20,000 IN POPULATION: 1900.

7,265	$3,423,365	1,135	$229,193	219	$25,986	$1,576,400	$169,001	$58,365	$862,398	$486,636	$12,054,024	$11,743,638	$310,386	$20,699,390	1
164	82,285	25	5,079	14	2,062	28,129	5,948	2,144	20,037		271,425	266,644	4,781	473,455	2
161	84,237	25	4,275	7	1,186	12,109	6,985	806	4,318		135,336	130,590	4,746	329,889	3
266	103,285	3	468	13	1,256	35,871	5,429	2,450	27,742	250	331,749	320,959	10,790	612,259	4
100	36,548	19	4,797	1	100	11,525	4,253	1,004	6,268		185,757	180,690	5,067	311,368	5
403	189,004	110	26,916	10	1,317	90,658	13,098	4,289	27,971	45,300	543,592	522,953	20,639	1,176,981	6
228	100,682	54	12,250	8	1,075	20,154	8,980	1,874	8,928	372	309,296	304,146	5,150	608,767	7
133	61,683	23	5,190	16	2,226	15,747	5,186	1,906	8,655		195,664	186,496	9,168	372,194	8
1,189	572,059	216	38,249	15	1,551	141,634	18,274	8,039	113,771	1,550	1,890,909	1,848,719	42,190	3,025,349	9
184	92,032	29	7,880	7	1,070	39,775	6,556	2,490	29,829	900	604,002	593,382	10,620	886,354	10
350	151,155	65	14,172	40	3,797	589,999	11,740	4,948	158,540	414,771	2,279,573	2,260,107	19,466	3,361,998	11
220	75,435	94	14,584	5	512	233,318	5,518	2,469	212,357	12,974	365,794	353,241	12,553	908,088	12
126	60,489	24	5,592	5	708	15,489	6,449	1,186	7,854		160,015	153,595	6,420	333,883	13
155	62,112	32	5,574	7	544	23,423	6,389	1,005	16,029		215,074	207,573	7,501	415,894	14
717	345,370	34	7,052	15	1,219	42,120	8,424	5,070	25,897	2,729	421,410	400,863	20,547	950,664	15
370	183,653	29	6,135	4	444	38,160	9,628	2,654	19,878	6,000	693,372	666,880	26,492	1,046,616	16
103	40,511	7	1,708	5	440	12,061	4,996	1,052	5,978	35	164,148	161,031	3,117	255,132	17
1,223	595,595	19	2,350	33	4,042	126,412	11,420	3,374	110,918	700	1,982,519	1,931,370	51,149	3,145,662	18
804	403,830	280	57,520	14	2,437	69,949	19,568	8,170	41,769	442	811,697	780,082	31,615	1,599,326	19
224	108,054	25	5,454			17,817	7,096	2,102	8,006	613	247,841	238,966	8,875	459,748	20
145	75,346	19	3,948			12,050	3,064	1,333	7,653		244,851	235,351	9,500	425,763	21

MONTANA.

Montana was organized as a territory with its present area on May 26, 1864. Prior to that date, it formed a part of the territory of Idaho. The Ninth Census (1870) was the first, therefore, in which the statistics of Montana were published separately.

Table 1 shows the manufacturing and mechanical industries as returned at the censuses of 1870 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1870 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.				PER CENT OF INCREASE.		
	1900	1890	1880	1870	1890 to 1900	1880 to 1890	1870 to 1880
Number of establishments	1,080	289	196	201	273.7	47.4	[1]2.5
Capital	$40,945,846	$4,293,794	$899,390	$1,794,300	853.6	377.4	[1]49.9
Salaried officials, clerks, etc., number	563	[2]310	(3)	(3)	81.6		
Salaries	$837,971	[2]$295,800	(3)	(3)	183.3		
Wage-earners, average number	10,117	2,386	578	701	324.0	312.8	[1]17.5
Total wages	$7,969,886	$1,652,413	$318,759	$370,843	382.3	418.4	[1]14.0
Men, 16 years and over	9,718	2,300	574	697	322.5	300.7	[1]17.6
Wages	$7,839,261	$1,605,996	(3)	(3)	388.1		
Women, 16 years and over	287	75	3	2	282.7	2,400.0	50.0
Wages	$100,233	$43,809	(3)	(3)	128.8		
Children, under 16 years	112	11	1	2	918.2	1,000.0	[1]50.0
Wages	$30,392	$2,608	(3)	(3)	1,065.3		
Miscellaneous expenses	$1,668,487	$296,684	(4)	(4)	462.4		
Cost of materials used	$32,702,650	$2,375,093	$1,006,442	$1,316,331	1,276.9	136.0	[1]23.5
Value of products, including custom work and repairing	$57,075,824	$5,507,573	$1,835,867	$2,494,511	936.3	200.0	[1]26.4
Total population	[5]231,559	132,159	39,159	20,595	75.2	237.5	90.1
Wage-earners engaged in manufactures	10,117	2,386	578	701	324.0	312.8	[1]17.5
Per cent of total population	4.4	1.8	1.5	3.4			
Assessed value of real estate	[6]$90,039,356	$54,943,531	$5,077,162	$2,728,128	63.9	982.2	86.1
Value of land and buildings invested in manufactures [7]	$14,162,070	$1,250,430	(8)	(8)	1,032.6		
Per cent of assessed value	15.7	2.3					

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 5.)
[3] Not reported separately.
[4] Not reported.
[5] Exclusive of 11,770 Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[6] As given for the year 1900 in Dana's supplement, "State and City," to the Commercial and Financial Chronicle, under date of April 13, 1901.
[7] Does not include the value of rented property.
[8] Figures not accessible.

The rapid increase, shown in Table 1, for the manufacturing and mechanical industries of the state during the last decade, is due largely to the fact that the totals for 1900 include the smelting and refining of metals. At the censuses of 1880 and 1890 the statistics for smelting and refining were included in the report on mines and mining and not in those on manufactures, while the totals for 1870 included 34 establishments engaged in milling quartz not included in subsequent censuses. Notwithstanding the increase during the past decade, the manufacturing industries are inconsiderable as compared with mining, stock raising, and agriculture, which are the principal industries of the state.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for governmental establishments and establishments with a product of less than $500, neither of which were reported at previous censuses, and, therefore, are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	1,182	$41,002,143	1,261	10,130	$7,974,272	$1,671,587	$32,717,909	$20,625,771	$6,924,211	$5,167,927	$57,112,692
Hand trades [1]	498	1,646,980	567	1,134	918,943	181,938	1,355,446	59,667	1,227,197	68,582	3,236,418
Governmental establishments	3	12,500		4	3,240		7,520	6,700	820		13,755
Establishments with a product of less than $500	99	43,797	109	9	1,146	3,100	7,739	633	7,081	25	23,113
All other establishments	582	39,298,866	585	8,983	7,050,943	1,486,549	31,347,204	20,558,771	5,689,113	5,099,320	53,839,406

[1] Includes bicycle and tricycle repairing, 8; blacksmithing and wheelwrighting, 172; boots and shoes, custom work and repairing, 44; carpentering, 36; clothing, men's, custom work and repairing, 62; clothing, women's, dressmaking, 21; dyeing and cleaning, 6; furniture, cabinetmaking, repairing, and upholstering, 11; lock and gun smithing, 10; masonry, brick and stone, 8; millinery, custom work, 31; painting, house, sign, etc., 22; paper hanging, 2; plastering and stuccowork, 4; plumbing, and gas and steam fitting, 21; taxidermy, 4; watch, clock, and jewelry repairing, 36.

In addition to the 1,182 active establishments, shown in Table 2, with a capital of $41,002,143, there were 8 idle establishments with a capital of $335,248.

Table 3 combines the totals for the industries in Anaconda, Butte, Great Falls, and Helena, and places them in comparison with the totals for the entire state and the state exclusive of these cities.

TABLE 3.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for state	1,080	$40,945,846	1,152	10,117	$7,969,886	$1,668,487	$32,702,650	$57,075,824
Total for urban manufactures	470	25,325,532	502	5,053	4,396,924	871,572	18,413,032	34,396,757
Anaconda	57	17,135,601	54	2,484	2,198,005	323,291	12,098,075	21,334,952
Butte	212	5,683,033	227	1,379	1,355,286	265,989	3,966,492	8,958,782
Great Falls	74	1,409,694	74	624	469,513	185,628	1,642,689	2,558,538
Helena	127	1,097,204	147	566	374,120	96,664	705,776	1,544,485
Total for state exclusive of urban manufactures	610	15,620,314	650	5,064	3,572,962	796,915	14,289,618	22,679,067
Per cent of urban manufactures to total for state	43.5	61.9	43.6	49.9	55.2	52.2	56.3	60.3

It appears from Table 3 that the establishments engaged in the manufacturing and mechanical industries in the 4 cities formed 43.5 per cent of the total number of establishments in the state; gave employment to 49.9 per cent of the total number of wage-earners; paid 55.2 per cent of the total wages; and the value of their product was 60.3 per cent of the total manufactures of the state.

The presentation of statistics in detail for cities is confined to those having a population of 20,000, or over. For Butte, which is the only city of this class in the state, statistics for specified industries are presented in detail in Table 6.

As shown by Table 5 the manufacturing industries of the state are very largely limited to so-called neighbor-

TABLE 4.—MANUFACTURES

	Counties.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
1	The State	1,080	$40,945,846	$1,631,077	$12,530,993	$6,455,511	$20,328,265	1,152	563	$837,971	10,117	$7,969,886
2	Beaverhead	24	91,245	2,355	11,630	16,050	61,210	23	13	27,580	41	26,532
3	Broadwater	8	30,187	1,412	6,450	8,675	13,650	9	------	------	7	3,580
4	Carbon	21	87,795	3,505	35,925	28,580	19,785	26	2	1,000	32	15,915
5	Cascade	90	4,854,594	120,344	1,894,833	1,060,767	1,778,650	89	69	91,213	1,763	1,838,887
6	Choteau	18	73,495	7,150	10,290	13,155	42,900	15	5	5,450	21	12,650
7	Custer[1]	24	96,152	8,860	7,460	34,210	45,622	25	3	2,860	64	36,321
8	Dawson	11	60,310	5,500	12,675	21,885	20,250	11	2	1,920	56	39,308
9	Deerlodge	79	17,473,504	160,885	5,657,499	1,562,127	10,092,993	76	99	191,113	2,560	2,253,441
10	Fergus	32	103,859	9,950	29,297	32,246	32,366	32	6	4,500	45	24,051
11	Flathead	48	655,904	133,366	60,880	188,132	273,526	53	14	24,780	377	208,328
12	Gallatin	57	472,514	13,440	91,635	101,695	265,744	60	14	13,355	98	59,419
13	Granite	34	143,855	8,400	18,625	71,795	45,035	44	6	6,600	99	46,130
14	Jefferson	15	47,507	7,220	6,525	18,915	14,847	14	6	4,280	35	21,767
15	Lewis and Clarke	147	3,513,696	152,262	950,090	1,495,001	916,343	170	84	119,332	1,076	695,935
16	Madison	28	88,130	6,480	19,065	40,070	22,515	35	------	------	31	17,575
17	Meagher	10	52,065	2,175	14,500	19,150	16,240	11	2	2,600	8	4,310
18	Missoula	50	1,180,122	114,325	138,536	280,666	646,595	53	22	21,800	491	301,043
19	Park	35	430,868	45,093	100,095	153,930	131,750	38	23	24,357	248	151,035
20	Ravalli	35	853,907	193,641	113,748	77,510	469,008	36	10	10,992	270	153,343
21	Silverbow	237	10,260,130	618,049	3,280,760	1,093,385	5,267,936	252	172	274,849	2,608	2,427,862
22	Sweet Grass	10	38,025	1,445	4,200	15,900	16,480	9	2	1,800	12	7,375
23	Teton	12	35,095	1,095	4,150	11,800	18,050	12	------	------	22	11,042
24	Valley	6	9,725	210	1,800	4,915	2,800	7	------	------	6	2,340
25	Yellowstone	49	293,162	13,915	60,325	104,952	113,970	52	9	7,560	147	111,697

[1] Includes 1 establishment in Crow Indian reservation, included to prevent disclosing operations of individual establishments.

hood industries, the products being consumed at or near the point of production. The exception to this is the smelting and refining of ores. Mineral resources abound in the state, and smelting and refining of copper and lead are the most important branches of manufactures, the development of which has been facilitated by the abundant waterpower of the Missouri River at Great Falls, within easy reach of the copper district. The fall of the river for 10 miles below this point amounts to 512 feet, or more than three times that of the Niagara River at Niagara Falls. It is estimated that the amount of available waterpower is 340,000 horsepower; it is generated at but a fraction of the cost of such power at Niagara.[1]

The smelting and refining industry is also favored by the large coal production in the vicinity,[2] and by the abundance of timber suitable for use in the mines.[3] Cheap and abundant power and the supply of high-grade wheat have also stimulated flour and grist milling. The value of the product of this industry has increased from $302,965 in 1890 to $995,702 in 1900. Slaughtering, wholesale, is reported in 1900 for the first time with a product valued at $934,640. The manufacture of malt liquor has increased from a product valued at $204,645 in 1890 to $1,276,331 in 1900. This industry has been stimulated by the quality of the barley grown in certain parts of the state, and largely exported to the East and abroad, for the use of breweries.[4] The manufacture of coke may be attributed to the demand for it in the reduction works, and to the existence within the state of a suitable coking coal. The product of the coke ovens in 1900 was valued at $356,190. Twelve million acres of timber land within the state[5] furnish abundant raw material for sawmills, and a product valued at $2,949,992 was reported for this industry in 1900.

The detailed statistics of the census of 1900 are presented in the 4 tables which follow.

Table 4 shows the totals for the state by counties.

Table 5 shows the totals for the state by specified industries.

Table 6 shows the totals for the city of Butte by specified industries.

Table 7 shows the totals for all industries in the cities withdrawn from the enumerators, exclusive of Butte, shown in Table 6.

[1] Seventh Report of the Bureau of Agriculture, Labor, and Industry, Montana, 1900, page 65.
[2] Ibid., page 328.
[3] Ibid., page 18.
[4] Ibid., page 322.
[5] Ibid., page 18.

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
9,718	$7,839,261	287	$100,233	112	$30,392	$1,668,487	$189,751	$221,945	$1,178,635	$78,156	$32,702,650	$30,711,062	$1,991,588	$57,075,824	1
38	25,782	3	750	.....	.....	10,890	2,565	2,639	5,686	.....	172,542	156,591	15,951	288,935	2
7	3,580	.....	.....	.....	.....	2,768	246	343	2,179	.....	4,624	4,169	455	18,105	3
31	15,675	1	240	.....	.....	9,616	473	542	8,187	414	51,103	48,746	2,357	97,234	4
1,693	1,316,281	13	5,978	57	16,628	328,808	42,677	25,144	240,785	20,202	5,940,711	5,631,109	309,602	6,784,558	5
20	12,150	1	500	.....	.....	2,988	557	425	1,706	300	24,140	22,896	1,244	73,268	6
61	35,765	1	300	2	256	8,404	3,251	1,356	3,797	.....	101,998	99,254	2,744	182,675	7
56	39,308	.....	.....	.....	.....	2,792	737	746	959	350	33,709	32,061	1,648	89,719	8
2,531	2,242,795	18	5,740	11	4,906	330,194	13,172	99,601	214,621	2,800	12,504,184	11,951,723	552,461	21,900,882	9
41	22,283	3	1,668	1	100	5,897	1,487	905	3,255	250	49,434	47,285	2,149	127,211	10
375	207,308	2	1,020	.....	.....	28,840	3,336	3,264	22,240	.....	533,842	529,588	4,254	988,294	11
90	56,769	8	2,650	.....	.....	30,858	4,640	6,366	19,852	.....	283,035	277,604	5,431	490,378	12
99	46,130	.....	.....	.....	.....	5,416	1,274	888	3,232	22	82,908	81,403	1,505	177,246	13
28	20,221	4	1,250	3	296	1,546	649	349	548	.....	21,371	19,808	1,563	77,461	14
967	663,065	101	31,120	8	1,750	140,455	28,648	13,481	97,236	1,090	4,565,839	4,250,905	314,934	5,775,418	15
30	17,500	.....	.....	1	75	4,513	1,413	1,203	1,897	.....	49,837	48,312	1,525	109,741	16
7	4,110	1	200	.....	.....	1,040	75	389	576	.....	10,477	9,557	920	25,810	17
479	297,804	12	3,239	.....	.....	58,779	4,584	4,223	49,972	.....	806,708	796,642	10,066	1,479,402	18
246	150,866	.....	.....	2	169	8,953	2,266	3,206	3,273	208	312,746	306,864	5,882	652,926	19
267	152,605	1	600	2	138	24,526	1,290	12,943	10,293	.....	350,173	347,240	2,933	607,256	20
2,470	2,377,866	115	44,306	23	5,690	634,914	70,883	40,469	471,042	52,520	6,521,707	5,775,926	745,781	13,562,757	21
12	7,375	.....	.....	.....	.....	4,706	420	433	3,853	.....	41,896	41,290	606	64,810	22
21	10,860	1	182	.....	.....	2,344	740	802	802	.....	18,046	17,411	635	48,390	23
6	2,340	.....	.....	.....	.....	420	85	82	253	.....	3,647	3,428	219	12,234	24
143	110,823	2	490	2	384	18,820	4,283	2,146	12,391	.....	217,973	211,250	6,723	446,114	25

TABLE 5.—MANUFACTURES

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	1,080	$40,945,846	$1,631,077	$12,530,993	$6,455,511	$20,328,265	1,152	563	$837,971	10,117	$7,969,886
2	Bicycle and tricycle repairing	8	8,789		300	4,189	4,300	11			8	5,148
3	Blacksmithing and wheelwrighting	172	215,047	32,891	46,945	44,390	90,821	199	1	250	116	90,980
4	Boots and shoes, custom work and repairing.	44	17,557	562	1,600	5,455	9,940	48			19	14,630
5	Bottling	3	38,750	250	1,500	5,000	32,000	2			8	6,080
6	Bread and other bakery products	27	291,362	34,550	59,100	117,991	79,721	31	23	14,580	96	56,168
7	Brick and tile	23	107,145	7,335	20,350	23,980	55,480	27	9	3,540	124	69,338
8	Carpentering	36	122,678	17,000	15,575	12,540	77,563	46	2	555	209	204,212
9	Carriages and wagons	9	71,169	8,200	14,109	12,543	36,317	11	7	5,880	34	34,718
10	Cars and general shop construction and repairs by steam railroad companies.	7	524,725	37,500	163,135	141,513	182,577		49	50,382	621	397,552
11	Cheese, butter, and condensed milk, factory product.	3	6,823	25	800	3,433	2,565	1			2	1,101
12	Clothing, men's, custom work and repairing.	62	588,733	104,700	392,700	8,355	82,978	70	3	5,310	156	122,926
13	Clothing, women's, dressmaking	21	120,945	46,700	66,650	2,665	4,930	21	2	7,200	96	28,321
14	Confectionery	4	27,613			11,800	15,813	5	3	3,520	22	14,897
15	Copper, smelting and refining	7	26,824,298	309,346	9,195,526	2,349,499	14,969,927		107	233,711	4,290	3,791,983
16	Dyeing and cleaning	6	44,585	7,000	33,000	2,445	2,140	7			14	7,560
17	Flouring and grist mill products	20	715,189	25,445	127,186	160,045	402,513	16	26	27,100	67	51,871
18	Foundry and machine shop products	10	905,714	44,464	216,539	221,108	423,603	7	25	41,844	550	509,799
19	Furniture, cabinetmaking, repairing, and upholstering.	11	37,415	650	790	8,250	27,725	13	1	600	21	21,543
20	Lead, smelting and refining	3	2,858,158	63,334	939,953	1,191,663	663,208		27	73,818	563	397,771
21	Lime and cement	11	64,743	14,690	15,900	17,750	16,403	5	6	4,750	45	30,560
22	Liquors, malt	21	1,203,516	106,030	482,440	328,861	286,185	22	34	68,280	193	169,066
23	Lock and gun smithing	10	16,635			11,900	4,735	13			6	4,510
24	Lumber and timber products	139	2,590,224	452,105	224,102	568,164	1,345,853	178	35	44,416	1,191	637,924
25	Lumber, planing mill products, including sash, doors, and blinds.	8	275,781	53,850	37,650	61,681	122,600	7	14	10,970	49	43,810
26	Marble and stone work	3	8,075	1,300	2,600	2,675	1,500	3			8	4,500
27	Masonry, brick and stone	8	92,110	2,600	2,450	14,985	72,075	9	5	7,420	155	164,042
28	Millinery, custom work	31	42,935	675	2,500	1,520	38,240	31	4	2,575	58	20,300
29	Mineral and soda waters	14	115,368	2,930	19,500	39,600	53,338	13	2	3,100	29	22,201
30	Monuments and tombstones	9	45,824	1,850	2,900	2,612	38,462	10	2	2,740	20	15,335
31	Painting, house, sign, etc	22	72,855	16,380	2,230	3,870	50,375	30	1	1,500	73	55,332
32	Paving and paving materials	3	47,800	400	400	1,000	46,000	5	2	2,700	60	57,855
33	Photography	22	35,597	100	3,600	21,200	10,697	26			16	11,162
34	Plastering and stuccowork	4	7,358	2,400	950	703	3,305	4			22	22,140
35	Plumbing, and gas and steam fitting	21	154,771	3,000	3,500	14,989	133,282	19	16	19,676	146	124,585
36	Pottery, terra cotta, and fire-clay products.	5	344,564	47,500	101,501	83,903	111,660	8	7	9,388	102	81,554
37	Printing and publishing, book and job	11	55,195	600	300	38,548	15,747	12	3	4,100	30	23,384
38	Printing and publishing, newspapers and periodicals.	78	715,985	54,885	88,402	393,111	179,587	68	91	134,788	455	310,802
39	Roofing and roofing materials	3	6,140		300	1,140	4,700	2	1	900	12	9,100
40	Saddlery and harness	47	215,605	16,150	25,850	17,819	155,786	48	7	5,948	67	56,596
41	Slaughtering, wholesale, not including meat packing.	5	241,826	7,600	22,700	10,959	200,567	3	9	12,600	37	83,693
42	Taxidermy	4	11,775	650	2,250	625	8,250	4			1	300
43	Tinsmithing, coppersmithing, and sheet-iron working.	28	111,030	24,300	33,590	18,380	34,760	22	5	4,750	72	64,876
44	Tobacco, cigars and cigarettes	30	68,594	6,450	16,950	2,325	42,869	33			72	47,650
45	Watch, clock, and jewelry repairing	36	87,382	20,900	10,650	24,725	31,107	38	4	2,536	29	27,934
46	All other industries[1]	31	787,463	53,780	132,020	445,602	156,061	29	25	26,544	153	104,077

[1] Embraces awnings, tents, and sails, 1; carriage and wagon materials, 1; charcoal, 1; coffins, burial cases, and undertakers' goods, 1; coke, 2; engraving, steel, including plate printing, 1; food preparations, 2; fur goods, 2; gas, illuminating and heating, 2; glass, cutting, staining, and ornamenting, 1; gloves and mittens, 1;

BY SPECIFIED INDUSTRIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
9,718	$7,839,261	287	$100,233	112	$30,392	$1,668,487	$189,751	$221,945	$1,178,635	$78,156	$32,702,650	$30,711,062	$1,991,588	$57,075,824	1
7	4,948			1	200	2,469	1,842	101	526		8,377	8,134	243	26,518	2
114	90,554			2	426	18,029	11,278	2,259	2,878	1,614	116,162	102,623	13,539	438,452	3
19	14,630					6,108	5,201	187	620	100	18,669	18,359	310	72,067	4
8	6,080					1,920	240	190	1,490		28,477	27,807	670	40,590	5
66	49,496	29	6,432	1	240	23,798	5,238	2,128	16,432		202,467	196,485	5,982	416,411	6
122	68,538	1	350	1	450	3,640	1,046	357	2,037	200	30,150	4,538	25,612	134,334	7
209	204,212					37,573	2,341	1,460	2,422	31,350	297,612	297,094	518	619,220	8
34	34,718					6,204	2,930	395	2,379	500	35,598	33,380	2,218	111,780	9
621	397,552					5,138		4,728	410		301,338	282,129	19,209	754,410	10
2	1,101					199	147	30	22		6,022	5,713	309	8,418	11
135	112,278	21	10,648			25,782	18,579	2,564	4,589	50	125,140	122,377	2,763	374,389	12
1	1,300	95	27,021			4,868	3,899	287	682		42,954	41,957	997	103,925	13
10	10,137	10	4,100	2	660	4,991	3,745	370	876		37,245	36,262	983	80,840	14
4,258	3,777,328	4	2,500	28	12,155	556,852	25,000	128,005	388,945	14,902	20,556,336	19,195,864	1,360,472	36,387,063	15
3	2,350	11	5,210			1,705	1,350	63	292		3,428	2,824	604	11,087	16
67	51,871					41,516	500	8,583	32,183	250	818,442	805,396	13,046	995,702	17
548	509,175			2	624	44,041	268	3,888	39,885		429,184	376,123	53,061	1,198,309	18
20	21,230	1	313			3,595	2,170	452	973		30,097	29,557	540	77,725	19
563	397,771					47,626		8,596	39,030		4,835,771	4,465,433	370,338	5,264,253	20
45	30,560					3,254	300	309	2,645		22,805	6,213	16,592	92,255	21
181	165,030			12	4,036	433,577	600	12,961	420,016		375,631	339,763	35,868	1,276,331	22
5	4,330	1	180			3,462	2,148	137	1,177		11,848	11,238	610	30,126	23
1,190	637,684	1	240			58,038	1,214	19,669	37,155		1,665,536	1,665,536		2,949,992	24
48	43,390			1	420	5,027	1,032	1,508	2,487		129,010	125,883	3,127	198,169	25
8	4,500					111		38	73		895	640	255	13,800	26
155	164,042					25,451	502	97	4,752	20,100	275,947	272,910	3,037	497,287	27
		58	20,300			15,704	12,427	778	2,499		82,608	82,224	384	161,613	28
27	21,554			2	647	9,994	3,870	1,770	4,354		44,559	43,072	1,487	129,840	29
20	15,335					2,421	926	253	1,242		32,999	32,519	480	73,651	30
72	54,972	1	360			7,977	4,461	621	2,895		62,543	62,153	390	177,621	31
60	57,855					1,290			1,290		68,475	67,970	505	150,803	32
12	9,448	4	1,714			10,194	7,609	453	1,832	300	18,991	18,351	640	71,839	33
22	22,140					82	14	68			8,594	8,574	20	37,360	34
146	124,585					15,649	8,209	1,684	5,756		233,514	232,513	1,001	475,077	35
101	81,404			1	150	11,525	675	1,537	9,313		61,456	32,013	29,443	180,006	36
25	21,616	5	1,768			6,415	2,130	423	3,862		20,917	19,357	1,560	69,431	37
395	295,513	27	10,625	53	4,664	96,453	20,185	5,240	66,141	4,887	173,570	158,919	14,651	911,668	38
12	9,100					832	260	12	560		8,500	8,500		24,000	39
65	55,816	2	780			19,542	10,969	2,171	6,402		148,725	147,221	1,504	301,728	40
35	32,493	2	1,200			7,798	5,300	888	1,610		821,070	818,620	2,450	934,640	41
1	300					802	480	97	225		2,950	2,865	85	13,050	42
72	64,876					8,290	4,057	1,392	2,241	600	86,240	85,244	996	213,869	43
55	43,566	2	1,164	15	2,920	18,674	4,647	792	13,027	208	69,578	68,935	643	173,739	44
27	27,194	1	480	1	260	12,127	6,943	599	1,665	2,920	29,394	28,568	826	106,401	45
132	96,689	11	4,848	10	2,540	57,744	5,019	3,805	48,745	175	322,826	319,206	3,620	696,035	46

hats and caps, not including fur hats and wool hats, 1; hosiery and knit goods, 1; jewelry, 1; lapidary work, 1; malt, 1; mattresses and spring beds, 2; oil, not elsewhere specified, 1; paper hanging, 2; patent medicines and compounds, 2; pickles, preserves, and sauces, 2; soap and candles, 2.

TABLE 6.—MANUFACTURES IN BUTTE

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	All industries	212	$5,683,033	$497,950	$1,786,503	$696,776	$2,701,804	227	114	$121,734	1,379	$1,355,286
2	Blacksmithing and wheelwrighting	13	14,675	4,000	1,700	1,975	7,000	19			13	11,730
3	Boots and shoes, custom work and repairing.	14	5,220		800	1,790	2,630	14			9	7,480
4	Bread and other bakery products	12	57,435	21,350	19,500	7,510	9,075	15	6	3,560	18	17,090
5	Carpentering	10	58,550	10,800	5,700	2,950	39,100	13	2	555	78	91,559
6	Carriages and wagons	4	25,700		500	4,200	21,000	8			18	23,592
7	Clothing, men's, custom work and repairing.	25	545,800	103,000	391,000	4,155	47,645	28	2	4,530	86	72,197
8	Clothing, women's, dressmaking	12	25,345	6,700	16,650	1,015	980	11	1	5,200	42	11,916
9	Confectionery	3	22,613			7,800	14,813	4	5	2,440	19	13,415
10	Copper, smelting and refining	3	3,408,799	110,000	1,080,000	329,700	1,889,099		25	22,505	369	427,362
11	Dyeing and cleaning	3	44,300	7,000	33,000	2,300	2,000	3			13	7,125
12	Lock and gun smithing	5	4,625			2,250	2,375	6			4	2,860
13	Lumber, planing mill products, including sash, doors, and blinds.	3	132,031	31,350	14,000	28,181	58,500	3	6	2,550	28	29,206
14	Masonry, brick and stone	4	18,000	2,600	2,450	950	12,000	5			44	53,270
15	Millinery, custom work	8	16,410			610	15,800	8	1	1,200	23	9,534
16	Mineral and soda waters	3	39,640			12,500	27,140	3	1	2,500	9	8,720
17	Monuments and tombstones	3	17,225	1,500	1,400	1,325	13,000	3			10	7,020
18	Painting, house, sign, etc	8	43,630	16,200	2,000	1,490	23,940	11	1	1,500	39	31,800
19	Photography	5	8,975			3,700	5,275	5			6	4,428
20	Plumbing, and gas and steam fitting	6	67,950			2,750	65,200	4	8	9,336	87	81,032
21	Printing and publishing, book and job	3	5,625	600	300	3,700	1,025	4	1	1,500	2	1,096
22	Printing and publishing, newspapers and periodicals.	8	143,231	14,650	3,300	96,400	28,881	6	25	30,160	106	110,440
23	Saddlery and harness	6	25,933			2,697	23,236	9	2	2,328	12	11,601
24	Tinsmithing, coppersmithing, and sheet-iron working.	7	42,850	6,000	15,400	4,550	16,900	3	2	2,550	21	24,424
25	Tobacco, cigars and cigarettes	6	14,900			400	14,500	7			27	20,052
26	Watch, clock, and jewelry repairing	7	44,595	18,000	7,000	7,900	11,695	11	2	1,100	8	10,324
27	All other industries[1]	31	848,976	144,200	191,803	163,978	348,995	24	24	28,220	283	266,013

[1] Embraces awnings, tents, and sails, 1; bicycle and tricycle repairing, 1; bottling, 2; cars and general shop construction and repairs by steam railroad companies, 1; coffins, burial cases, and undertakers' goods, 1; engraving, steel, including plate printing, 1; foundry and machine shop products, 2; fur goods, 1; furniture, cabinetmaking, repairing, and upholstering, 2; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; lime and cement, 1; liquors

TABLE 7.—MANUFACTURES IN CITIES

1	Total for cities	258	$19,642,499	$280,283	$6,102,151	$2,433,652	$10,826,413	275	227	$350,132	3,674	$3,041,638
2	Anaconda	57	17,135,601	134,885	5,582,548	1,480,156	9,938,012	54	95	185,215	2,484	2,198,005
3	Great Falls	74	1,409,694	75,588	382,756	458,039	493,311	74	66	88,443	624	469,513
4	Helena	127	1,097,204	69,810	136,847	495,457	395,090	147	66	76,474	566	374,120

BY SPECIFIED INDUSTRIES: 1900.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
1,241	$1,305,290	115	$44,306	23	$5,690	$265,989	$70,328	$22,416	$120,725	$52,520	$3,966,492	$3,599,430	$367,062	$8,958,782	1
13	11,730					2,909	2,625	129	155		11,223	9,809	1,414	47,525	2
9	7,480					3,006	2,491	70	345	100	6,913	6,794	119	28,230	3
18	17,090					4,319	2,074	876	1,369		57,352	55,733	1,619	84,616	4
78	91,559					28,216	1,176	385	1,005	25,650	104,170	103,994	176	249,594	5
18	23,592					3,243	2,370	43	330	500	22,593	21,425	1,168	70,610	6
75	65,499	11	6,698			13,822	9,100	2,024	2,698		76,528	75,060	1,468	221,481	7
1	1,300	41	10,616			2,367	2,052	123	192		18,055	17,751	304	43,272	8
9	9,045	8	3,710	2	660	3,373	2,305	210	858		28,795	27,862	933	64,840	9
369	427,362					21,540		6,764	14,776		2,423,254	2,093,735	329,519	5,687,089	10
3	2,340	10	4,785			1,039	720	59	260		3,114	2,654	460	7,475	11
8	2,680	1	180			1,007	900	37	70		3,457	3,227	230	11,026	12
27	28,786			1	420	1,590	900	210	480		25,459	23,962	1,497	62,767	13
44	53,270					20,891	392	97	302	20,100	72,874	72,849	25	161,084	14
		28	9,534			6,634	5,100	365	1,169		42,769	42,649	120	75,178	15
9	8,720					6,754	2,920	670	3,164		16,158	15,766	392	51,000	16
10	7,020					1,138	480	138	520		18,575	18,110	465	32,500	17
39	31,800					3,557	2,358	322	877		28,013	27,648	365	90,670	18
5	3,648	1	780			4,084	3,420	104	560		5,282	5,057	225	22,122	19
87	81,032					7,524	3,768	1,099	2,657		116,870	116,600	270	256,077	20
2	1,096					627	450	33	144		1,651	1,543	108	6,800	21
95	106,708	3	2,212	8	1,520	21,947	5,595	1,257	12,020	3,075	43,878	40,734	3,144	237,322	22
10	10,971	2	630			4,626	2,934	366	1,326		15,462	15,091	371	42,632	23
21	24,424					3,235	1,800	532	903		41,191	40,970	221	80,870	24
19	18,522			8	1,530	5,278	930	114	4,234		22,402	22,207	195	57,790	25
8	10,324					6,639	3,160	154	405	2,920	13,290	12,875	415	39,780	26
269	259,292	10	5,161	4	1,560	86,624	10,308	6,235	69,906	175	747,164	725,325	21,839	1,226,432	27

malt, 2; mattresses and spring beds, 2; paper hanging, 1; patent medicines and compounds, 1; paving and paving materials, 2; pickles, preserves, and sauces, 1; plastering and stuccowork, 2; pottery, terra cotta, and fire-clay products, 1; roofing and roofing materials, 2; slaughtering, wholesale, not including meat-packing, 2.

UNDER 20,000 IN POPULATION: 1900.

3,493	$2,987,266	127	$39,738	54	$14,634	$605,583	$58,267	$116,248	$421,878	$9,190	$14,446,540	$13,770,364	$676,176	$25,437,975	1
2,455	2,187,359	18	5,740	11	4,906	323,291	12,852	98,536	209,103	2,800	12,098,075	11,563,880	534,195	21,334,952	2
580	458,057	9	3,478	35	7,978	185,628	17,107	10,674	152,547	5,300	1,642,689	1,522,821	119,868	2,558,538	3
458	341,850	100	30,520	8	1,750	96,664	28,308	7,038	60,228	1,090	705,776	683,663	22,113	1,544,485	4

NEBRASKA.

Nebraska was organized as a territory in 1854, and therefore first appeared in census statistics in 1860.

Table 1 shows the manufacturing and mechanical industries of Nebraska as returned at the censuses of 1860 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate.

TABLE 1.—COMPARATIVE SUMMARY, 1860 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.					PER CENT OF INCREASE.			
	1900	1890	1880	1870	1860	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870
Number of establishments	5,414	3,014	1,403	670	107	79.6	114.8	109.4	526.2
Capital	$71,982,127	$37,569,508	$4,831,150	$2,169,963	$266,575	91.6	669.7	124.9	714.0
Salaried officials, clerks, etc., number	2,657	[1]3,426	(2)	(2)	(2)	[3]22.4			
Salaries	$2,325,038	[1]$2,713,093	(2)	(2)	(2)	[3]14.3			
Wage-earners, average number	24,461	20,450	4,793	2,665	336	19.6	326.7	79.8	693.2
Total wages	$11,570,688	$10,271,478	$1,742,311	$1,429,913	$105,332	12.6	489.5	21.8	1,257.5
Men, 16 years and over	21,059	18,263	4,464	2,558	334	15.3	309.1	74.5	665.9
Wages	$10,749,706	$9,807,631	(2)	(2)	(2)	9.6			
Women, 16 years and over	2,626	1,473	120	81	2	78.3	1,127.5	48.1	3,950.0
Wages	$676,278	$376,960	(2)	(2)	(2)	79.4			
Children, under 16 years	776	714	209	26	(2)	8.7	241.6	703.8	
Wages	$144,704	$86,887	(2)	(2)	(2)	66.5			
Miscellaneous expenses	$6,935,399	$5,395,242	(4)	(4)	(4)	28.5			
Cost of materials used	$102,197,707	$67,334,532	$8,208,478	$2,902,074	$237,215	51.8	720.3	182.8	1,123.4
Value of products, including custom work and repairing	$143,990,102	$93,037,794	$12,627,336	$5,738,512	$607,328	54.8	636.8	120.0	844.9
Total population	1,066,300	1,058,910	452,402	122,993	28,841	0.7	134.1	267.8	326.5
Wage-earners engaged in manufactures	24,461	20,450	4,793	2,665	336	19.6	326.7	79.8	693.2
Per cent of total population	2.3	1.9	1.1	2.2	1.2				
Assessed value of real estate	[5]$171,747,593	$115,181,167	$55,073,375	$38,365,999	$5,732,145	49.1	109.1	43.5	569.3
Value of land and buildings invested in manufactures[6]	$22,181,411	$12,134,376	(2)	(2)	(2)	82.8			
Per cent of assessed value	12.9	10.5							

[1] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[2] Not reported separately.
[3] Decrease.
[4] Not reported.
[5] As given in the Biennial Report of the Auditor of Public Accounts to the Governor of the State of Nebraska, under date of November 30, 1900, page 118.
[6] Does not include value of rented property.

Although Nebraska is an agricultural and stock-raising state, Table 1 shows that there has been a considerable growth in its manufacturing and mechanical industries during the last forty years. The population during these years increased from 28,841 to 1,066,300, while the average number of wage-earners employed in manufacturing establishments increased from 336 to 24,461, embracing, in 1900, 2.3 per cent of the entire population, compared with 1.2 per cent in 1860. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 33,845, or 3.2 per cent of the total population of the state. The last decade shows an increase of $50,952,308, or 54.8 per cent, in the value of products of manufactures. This increase is especially noteworthy because it was not accompanied by any appreciable increase in the population of the state. The greatest absolute increase, $80,410,458, in the value of products was in the decade 1880 to 1890.

While agricultural and stock-raising products are the basis of a large part of the manufactures of Nebraska, the state possesses other advantages, which are beginning to stimulate manufacturing in different lines. The Missouri River, forming the eastern boundary of the state for 500 miles, and navigable for 200 miles above the city of Omaha, furnishes cheap transportation north and south, while the 15 railroads which enter the city of Omaha afford shipping facilities in other directions. The value of products reported for Douglas and Otoe counties, which border upon the Missouri River and include the cities of Omaha, South Omaha, and Nebraska City, was $118,389,890, or 82.2 per cent of the total for the entire state. The lack of cheap fuel has been the greatest hindrance to manufacturing in Nebraska, but conditions have improved with the development of the coal fields of Iowa, Kansas, and Missouri.[1] Waterpower is used to some extent for manufacturing purposes at Gothenburg, Kearney, and Loup.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for educational and eleemosynary institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

[1] United States Geological Survey: Mineral Resources of the United States, 1899; Metallic Products, Coal, and Coke, pages 358, 359, and 471.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products including custom work and repairing.
Total	6,775	$72,471,976	7,391	24,641	$11,582,599	$6,968,097	$102,312,958	$70,629,173	$28,819,430	$2,864,355	$144,339,432
Hand trades[1]	2,703	3,446,478	3,069	4,217	2,013,260	556,322	4,215,777	50,363	4,008,739	156,675	9,510,267
Educational and eleemosynary institutions	5	6,200	-------	2	695	1,708	3,891	392	3,063	436	8,275
Establishments with a product of less than $500	1,356	483,649	1,449	178	11,216	30,990	111,360	6,451	104,909	----------	341,055
All other establishments	2,711	68,535,649	2,873	20,244	9,557,428	6,379,077	97,981,930	70,571,967	24,702,719	2,707,244	134,479,835

[1] Includes bicycle and tricycle repairing, 51; blacksmithing and wheelwrighting, 939; boots and shoes, custom work and repairing, 196; carpentering, 296; clothing, men's, custom work and repairing, 193; clothing, women's, dressmaking, 104; dyeing and cleaning, 11; furniture, cabinetmaking, repairing, and upholstering, 55; lock and gun smithing, 16; masonry, brick and stone, 79; millinery, custom work, 318; painting, house, sign, etc., 136; paper hanging, 12; plastering and stuccowork, 34; plumbing, and gas and steam fitting, 81; sewing machine repairing, 3; taxidermy, 2; typewriter repairing, 3; watch, clock, and jewelry repairing, 174.

Of the 6,775 establishments of all classes, shown in this table, 4,059, or 59.9 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $9,851,322, or only 6.8 per cent of the total value of the products of the state.

In addition to the 6,775 active establishments in the state during the census year, with a capital of $72,471,976, shown in Table 2, there were 37 idle establishments, with a capital of $297,232, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Brick and tile	10	$51,715	Lumber, planing mill products, including sash, doors, and blinds	1	$18,000
Cheese, butter, and condensed milk, factory product	3	10,960	Slaughtering and meat packing, wholesale	2	109,500
Flouring and grist mill products	7	50,550	Woolen goods	1	16,237
Food preparations	1	11,000	All other industries	12	29,270

TABLE 3.—COMPARATIVE SUMMARY OF NINE LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	1,520	$33,971,417	13,387	$6,669,681	$3,144,781	$75,041,523	$92,372,460
	1890	1,045	17,534,101	10,467	5,032,540	1,623,867	31,064,240	42,260,093
Increase, 1890 to 1900	-------	475	16,437,316	2,920	1,637,141	1,520,914	43,977,283	50,112,367
Per cent of increase	-------	45.5	93.7	27.9	32.5	93.7	141.6	118.6
Per cent of total of all industries in state	1900	28.1	47.2	54.7	57.6	45.3	73.4	64.2
	1890	34.7	46.7	51.2	49.0	30.1	46.1	45.4
Brick and tile	1900	106	1,275,533	855	327,544	41,334	203,247	839,815
	1890	155	2,791,774	2,586	760,386	138,257	484,918	2,173,632
Cars and general shop construction and repairs by steam railroad companies.	1900	23	3,635,267	2,458	1,421,284	92,946	1,009,830	2,624,461
	1890	9	1,245,519	2,041	1,146,206	----------	900,825	2,067,908
Cheese, butter, and condensed milk, factory product	1900	93	952,185	333	146,522	38,823	1,854,228	2,253,893
	1890	58	339,165	428	151,126	49,563	868,839	1,183,000
Flouring and grist mill products	1900	305	4,335,934	698	363,687	171,948	6,385,719	8,100,794
	1890	185	3,586,090	690	323,308	204,134	5,031,858	6,365,492
Liquors, malt	1900	19	2,678,593	200	131,455	635,031	311,783	1,433,501
	1890	14	1,464,211	172	125,330	219,854	357,266	1,079,865
Lumber, planing mill products, including sash, doors, and blinds	1900	21	378,966	294	129,441	18,428	561,731	886,333
	1890	24	561,076	497	339,147	37,060	484,663	1,112,412
Printing and publishing: Total	1900	554	2,885,583	1,883	882,673	459,278	949,404	3,431,582
	1890	443	2,517,133	1,771	949,302	469,338	732,139	3,222,368
Book and job	1900	62	633,028	549	256,076	81,612	324,932	878,531
	1890	31	373,645	316	172,083	36,799	162,219	546,185
Newspapers and periodicals	1900	492	2,252,555	1,334	626,597	377,666	624,472	2,553,051
	1890	412	2,143,488	1,455	777,219	432,539	569,920	2,676,183
Saddlery and harness	1900	391	1,340,511	583	280,247	95,915	926,819	1,783,742
	1890	151	723,433	419	221,352	62,111	486,405	1,028,540
Slaughtering and meat packing, wholesale	1900	8	16,488,845	6,083	2,986,828	1,591,078	62,838,762	71,018,339
	1890	6	4,305,700	1,863	1,016,383	443,550	21,717,327	24,026,876

The 9 leading industries of the state in 1900, as shown by Table 3, embraced 1,520 establishments, or 28.1 per cent of the total number in the state; used a capital of $33,971,417, or 47.2 per cent of the total; gave employment to 13,387 wage-earners, or 54.7 per cent of the total number; and paid $6,669,681, or 57.6 per cent of the total wages. The value of their products was $92,372,460, or 64.2 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products. This table reveals the close relation existing between the manufactures of Nebraska and its agricultural and stock-raising interests. Four industries dependent upon agriculture and stock raising are the manufacture of cheese, butter, and condensed milk, of flouring and grist mill products, of malt liquors, and of slaughtering and meat packing. The combined value of the products of these 4 industries was $82,806,527, or 89.6 per cent of the total value of the products of the leading industries shown in Table 3.

Table 3 shows that slaughtering and meat packing is the most important industry in the state. The 8 establishments reported in 1900 gave employment to 6,083 wage-earners, or 24.9 per cent of the wage-earners employed in the state, and the products were valued at $71,018,339, or 49.3 per cent of the total value of the products of the state. In 1890 there were 6 establishments, 1,863 wage-earners, and products valued at $24,026,876. The increase in the value of products during the decade was $46,991,463, or 195.6 per cent. The development of the industry in Nebraska during the last two decades has been remarkable. Meat packing was carried on in Omaha as early as 1871,[1] and in 1880 the products of the industry in the state were valued at $1,359,397. The first great advance was made in 1884, when the Union Stock Yards Company located its plant on farming land south of Omaha.[2] The city of South Omaha, which has grown up around these stock yards, had, in 1900, a population of 26,001, and was one of the largest stock markets in the United States.[3] Its situation on the Missouri River, the boundary between its own state and Iowa, has afforded special advantages for the growth of its great industry. Both states are superior "feeding states," Iowa ranking first and Nebraska third, in 1900,[4] in the production of corn. Slaughtering and meat-packing establishments are also located at Geneva, Nebraska City, and West Lincoln. In addition to the supplies of live stock bred in Nebraska and in Iowa, the stock yards receive sheep and "canning cattle" from many other states, while thousands of young animals are annually brought to the feed lots of Nebraska to be fattened on corn.[5]

The manufacture of flouring and grist mill products ranks second among the industries of the state, with 305 establishments, 698 wage-earners, and products valued at $8,100,794. In 1890 there were 185 establishments, 690 wage-earners, and products valued at $6,365,492. The increase in the value of products during the decade was $1,735,302, or 27.3 per cent. The 305 mills reported in 1900 were scattered over the state in more than two hundred different localities. Many were small, the average number of wage-earners employed per establishment during the census year being less than three. Nevertheless, the wheat-flour product of Nebraska was alone valued at $5,319,911.

There were 554 establishments engaged in printing and publishing in 1900, the industry third in rank, with 1,883 wage-earners, and products valued at $3,431,582. In 1890 there were 443 establishments, 1,771 wage-earners, and products valued at $3,222,368. The increase in the value of products during the decade was $209,214, or 6.5 per cent. Omaha is the headquarters of what is said to be one of the most extensive printing establishments of its kind in the United States. Plants are operated in 12 cities in Nebraska and other states, and partly printed sheets are supplied to country newspapers in the territory lying between the Mississippi River and the Rocky Mountains.[6]

There were 23 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 2,458 wage-earners, and products valued at $2,624,461. In 1890 there were 9 establishments, 2,041 wage-earners, and products valued at $2,067,908. The increase in the value of products during the decade was $556,553, or 26.9 per cent.

There were 93 establishments engaged in the manufacture of cheese, butter, and condensed milk in 1900, with 333 wage-earners, and products valued at $2,253,893. In 1890 there were 58 establishments, 428 wage-earners, and products valued at $1,183,000. The increase in the value of products during the decade was $1,070,893, or 90.5 per cent. The first creamery in Nebraska was built in 1881. Many of those reported in 1900 were conducted on the cooperative plan. One establishment, located at Lincoln, is said to be the largest of its kind in the United States. Skimming or separating stations, located in 77 different localities in southern Nebraska and northern Kansas, send their cream to the central station at Lincoln to be manufactured into butter.[7]

There were 391 establishments engaged in the manufacture of saddlery and harness in 1900, with 583 wage-earners, and products valued at $1,783,742. In 1890 there were 151 establishments, 419 wage-earners, and products valued at $1,028,540. The increase in the value of products during the decade was $755,202, or 73.4 per cent.

There were 19 establishments engaged in the manufacture of malt liquors in 1900, with 200 wage-earners, and products valued at $1,433,501. In 1890 there were 14 establishments, 172 wage-earners, and products valued at

[1] History of Omaha, by J. W. Savage and J. T. Bell, page 621.
[2] Ibid., page 595, ff.
[3] United States Treasury Department: Summary of Commerce and Finance, August, 1901, page 748.
[4] Yearbook of the Department of Agriculture, 1900, page 757.
[5] Report of the Nebraska Bureau of Labor and Industrial Statistics, 1893–94, page 521.
[6] History of Omaha, page 502.
[7] Annual Report of the Nebraska Dairymen's Association, 1898, page 141.

$1,079,865. The increase in the value of products during the decade was $353,636, or 32.7 per cent. The first brewery in the state was erected at Omaha in 1859.[1] The industry has been favored by the large quantity of barley raised in the adjoining state of Iowa, whose production of this cereal in 1900 was second only to that of California.[2]

There were 21 establishments engaged in the manufacture of planing mill products in 1900, with 294 wage-earners, and products valued at $886,333. In 1890 there were 24 establishments, 497 wage-earners, and products valued at $1,112,412. The decrease in the value of products during the decade was $226,079, or 20.3 per cent.

There were 106 establishments engaged in the manufacture of brick and tile in 1900, with 855 wage-earners, and products valued at $839,815. In 1890 there were 155 establishments, 2,586 wage-earners, and products valued at $2,173,632. The decrease in the value of products during the decade was $1,333,817, or 61.4 per cent.

In addition to the industries included in Table 3, attention may be called to the manufacture of beet sugar, distilled liquors, and the smelting and refining of lead. Experiments in the growing of sugar beets were made in 1886. A bounty of 1 cent per pound of sugar manufactured was granted by the state legislature in 1889, and the first factory was established in 1890.[3] In 1900 there were 3 establishments in the state, 174 wage-earners, and products valued at $481,593. In the city of Omaha are located one of the largest distilleries and one of the largest lead smelting and refining works in the United States, but as these are the only establishments in the state in these industries, their statistics are not shown separately.

[1] History of Omaha, page 506.
[2] Yearbook of the Department of Agriculture, 1900, page 784.
[3] Report of the Nebraska Bureau of Labor and Industrial Statistics, 1889–1890, pages 849, 852, and 853.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Lincoln and Omaha, as returned at the censuses of 1890 and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, LINCOLN AND OMAHA, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
The State	1900	5,414	$71,982,127	24,461	$11,570,688	$6,935,399	$102,197,707	$143,990,102
	1890	3,014	37,569,508	20,450	10,271,478	5,395,242	67,334,532	93,037,794
Per cent of increase		79.6	91.6	19.6	12.6	28.5	51.8	54.8
Lincoln	1900	250	2,608,992	1,736	789,356	266,160	2,173,345	4,105,951
	1890	182	2,360,454	1,640	898,003	269,742	1,534,623	3,710,138
Per cent of increase		37.4	10.5	5.9	[1]12.1	[1]1.3	41.6	10.7
Omaha	1900	838	34,478,014	7,537	3,804,076	3,864,988	22,211,573	43,168,876
	1890	675	18,319,594	8,223	4,863,542	3,673,516	29,260,102	42,339,321
Per cent of increase		24.1	88.2	[1]8.3	[1]21.8	5.2	[1]24.1	2.0
Total for 2 cities	1900	1,088	37,087,006	9,273	4,593,432	4,131,148	24,384,918	47,274,827
	1890	857	20,680,048	9,863	5,761,545	3,943,258	30,794,725	46,049,459
Per cent of increase		27.0	79.3	[1]6.0	[1]20.3	4.8	[1]20.8	2.7
Per cent of 2 cities to total for state	1900	20.1	51.5	37.9	39.7	59.6	23.9	32.8
	1890	28.4	55.0	48.2	56.1	73.1	45.7	49.5

[1] Decrease.

It appears from Table 4 that the number of establishments in these 2 cities increased during the decade from 857 to 1,088, or 27 per cent; and the value of products from $46,049,459 to $47,274,827, or 2.7 per cent; while the average number of wage-earners decreased from 9,863 to 9,273, or 6 per cent. The increase in the number of establishments and in the value of products has been much smaller in these 2 cities than in the state as a whole, and the decrease in the average number of wage-earners is in contrast with an increase in the state. The city of Lincoln shows the more rapid growth, the value of products having increased from $3,710,138 in 1890 to $4,105,951 in 1900, or 10.7 per cent.

South Omaha, the leading manufacturing city of the state, was not separately reported at the census of 1890, and its growth, therefore, cannot be shown. In 1900 the value of its products was 48.7 per cent of the total for the state, although it had but 2.4 per cent of the total population.

In Omaha, the leading city of the state in population, the number of establishments increased during the decade from 675 to 838, or 24.1 per cent; and the value of products from $42,339,321 to $43,168,876, or 2 per cent; while the number of wage-earners decreased from 8,223 to 7,537, or 8.3 per cent. The number of establishments, the number of wage-earners, and the value of products in this city in 1900 constituted 15.5, 30.8, and 30 per cent, respectively, of the totals for the entire state.

Table 5 presents the totals for the manufacturing industries of the 10 cities withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	PRODUCTS.			POPULATION.		
				Average number.	Total wages.			Value.	Rank.	Per cent of total.	Total.	Rank.	Per cent of total.
Total for state	5,414	$71,982,127	5,942	24,461	$11,570,688	$6,935,399	$102,197,707	$143,990,102	-------	100.0	1,066,300	-------	100.0
Total for urban manufactures	1,860	59,011,756	1,991	19,087	9,233,246	6,283,686	91,589,920	126,484,931	-------	87.8	216,561	-------	20.3
Beatrice	79	594,679	82	436	172,330	81,192	436,314	789,228	7	0.5	7,875	4	0.7
Fremont	86	1,096,351	98	420	203,715	92,278	475,634	956,006	5	0.7	7,241	7	0.7
Grand Island	104	989,396	117	465	227,656	56,469	445,681	899,195	6	0.6	7,554	5	0.7
Hastings	111	425,794	115	337	149,265	35,409	340,094	720,615	8	0.5	7,188	8	0.7
Kearney	84	379,769	91	364	120,890	22,793	248,223	498,586	10	0.3	5,634	9	0.5
Lincoln	250	2,608,992	269	1,736	789,356	266,160	2,173,345	4,105,951	4	2.8	40,169	2	3.8
Nebraska City	108	1,576,857	114	739	269,796	168,662	3,625,177	4,582,554	3	3.2	7,380	6	0.7
Omaha	838	34,478,014	887	7,537	3,804,076	3,864,988	22,211,573	43,168,876	2	30.0	102,555	1	9.6
Plattsmouth	61	390,575	68	447	227,571	25,815	356,393	682,979	9	0.5	4,964	10	0.5
South Omaha	139	16,471,329	150	6,606	3,268,591	1,719,920	61,277,486	70,080,941	1	48.7	26,001	3	2.4
Total for state exclusive of urban manufactures	3,554	12,970,371	3,951	5,374	2,337,442	651,713	10,607,787	17,505,171	-------	12.2	849,739	-------	79.7
Per cent of urban manufactures to total for state	34.4	82.0	33.5	78.0	79.8	90.6	89.6	87.8	-------	-------	20.3	-------	-------

Of the 5,414 establishments in the state, 1,860, or 34.4 per cent, were located in these 10 cities. They furnished employment to 19,087 wage-earners, or 78 per cent of the total number, and the value of their products, $126,484,931, formed 87.8 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Lincoln, Omaha, and South Omaha by specified industries.

Table 9 shows the totals for all industries in the cities withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

[No manufactures reported

	COUNTIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	5,414	$71,982,127	$6,359,075	$15,822,336	$23,201,553	$26,599,163	5,942	2,657	$2,325,038	24,461	$11,570,688
2	Adams	146	461,493	20,050	73,160	143,076	225,207	155	8	6,355	353	155,295
3	Antelope	37	131,688	4,951	31,125	42,630	52,982	39	2	2,100	62	29,447
4	Banner	3	1,885	50	500	935	400	4			1	100
5	Boone	14	121,160	7,850	36,784	34,644	41,882	15	3	2,550	22	10,655
6	Boxbutte	30	134,291	5,175	62,825	30,545	35,746	32	10	9,169	101	61,319
7	Boyd	23	32,669	4,326	8,375	11,490	8,478	32			6	1,673
8	Brown	29	64,835	3,250	15,810	22,850	22,925	33			18	6,275
9	Buffalo	136	573,252	25,825	131,393	215,103	200,931	158	20	13,980	406	141,265
10	Burt	91	172,798	24,725	33,000	58,449	56,624	107	4	946	102	39,035
11	Butler	54	164,411	7,110	32,435	63,905	60,961	64	2	440	59	27,186
12	Cass	145	567,842	32,410	182,860	205,654	146,918	165	41	25,891	605	286,045
13	Cedar	33	165,654	60,610	22,100	50,114	32,830	36			35	15,511
14	Chase	11	26,225	2,600	5,000	12,245	6,380	12			3	660
15	Cherry	21	56,118	7,205	17,040	13,195	18,678	21	1	2,500	21	8,820
16	Cheyenne	18	57,527	1,925	10,050	25,832	19,720	17	1	750	43	24,475
17	Clay	103	264,841	19,382	57,825	86,472	101,162	120	4	1,648	122	38,282
18	Colfax	58	282,712	17,887	65,088	91,683	108,054	61	13	7,180	88	44,785
19	Cuming	67	253,764	23,945	91,890	83,778	54,151	75	6	4,100	81	31,035
20	Custer	68	175,832	14,960	35,361	79,731	45,780	74	5	4,120	45	15,994
21	Dakota	21	64,395	4,305	13,850	27,175	19,065	24	3	2,280	24	9,450
22	Dawes	40	122,849	11,105	23,895	39,775	48,074	46			85	48,279
23	Dawson	43	166,367	5,165	30,345	49,630	81,227	41	8	6,600	59	27,545
24	Deuel	4	5,825	400	650	2,675	2,100	4			2	750
25	Dixon	53	153,952	15,625	36,265	53,930	48,132	59	4	1,450	63	22,849
26	Dodge	157	2,259,277	122,687	484,625	943,571	708,394	181	59	49,198	519	260,798
27	Douglas	1,014	51,655,674	4,935,107	11,449,162	15,712,238	19,559,167	1,073	1,812	1,657,036	14,287	7,140,666
28	Fillmore	93	247,699	19,656	58,734	72,485	96,824	102	15	11,980	128	45,292
29	Franklin	52	121,035	11,095	25,280	52,245	32,415	57	1	100	40	15,520
30	Frontier	15	60,237	2,765	11,050	22,925	23,497	14	2	960	10	4,590
31	Furnas	63	179,529	28,065	39,515	42,850	69,099	66	4	2,191	75	33,821
32	Gage	168	886,447	64,775	186,708	245,135	389,829	185	57	43,092	581	240,853
33	Garfield	14	15,950	1,570	4,180	4,050	6,150	14			9	3,050
34	Gosper	6	6,755	1,100	1,625	1,225	2,805	6			3	310
35	Grant	3	3,765	650	725	1,550	840	2			2	500
36	Greeley	15	46,775	3,815	16,100	17,605	9,255	13	3	1,300	15	6,180
37	Hall	121	1,041,065	46,870	190,210	603,024	200,961	136	33	27,930	490	237,106
38	Hamilton	41	87,460	10,260	22,225	32,064	22,911	43	2	1,560	33	14,280
39	Harlan	38	85,636	7,920	18,690	36,506	22,520	43	2	1,200	20	7,269
40	Hayes	4	13,950	1,700	2,750	7,350	2,150	4			4	1,225
41	Hitchcock	23	42,835	2,725	11,150	12,800	16,160	23	1	750	13	4,667
42	Holt	57	122,416	6,890	30,169	49,411	35,946	57	6	3,061	30	13,047
43	Howard	45	103,655	4,980	27,525	32,425	38,725	44	4	2,720	50	19,352
44	Jefferson	70	149,125	11,137	27,203	54,556	56,229	80	3	1,600	58	23,428
45	Johnson	58	120,262	6,155	20,395	35,414	58,298	99	2	1,700	78	29,840
46	Kearney	50	72,472	2,985	12,350	22,958	34,179	59	2	1,095	53	19,452
47	Keith	5	4,135	235	600	1,500	1,800	6			2	252
48	Keyapaha	8	12,935	1,515	3,400	5,140	2,880	8			2	475
49	Kimball	3	5,100	150	1,000	950	3,000	3			3	550
50	Knox	44	122,202	12,475	27,850	49,915	31,962	49	3	1,746	35	14,350
51	Lancaster	318	3,509,229	205,530	742,061	1,405,344	1,156,294	342	293	249,085	2,237	1,027,973
52	Lincoln	21	102,760	2,215	26,800	47,855	25,890	22	3	2,040	249	154,540
53	Loup	4	5,290	350	600	1,150	3,190	4			1	200
54	Madison	111	852,718	50,733	124,475	516,819	160,691	117	29	27,667	262	111,222
55	Merrick	39	87,886	8,505	19,850	32,170	27,361	50	4	2,020	38	18,943
56	Nance	27	113,970	7,805	22,630	23,230	60,305	35	1	1,000	31	12,298
57	Nemaha	51	167,430	13,285	34,080	60,335	59,730	58	4	2,140	58	28,556
58	Nuckolls	71	181,261	19,450	36,925	37,680	87,206	84	8	2,317	97	36,490
59	Otoe	159	1,669,108	84,605	317,249	389,203	878,051	173	50	55,690	781	286,063
60	Pawnee	45	128,421	7,400	30,050	57,944	33,027	46	3	501	86	29,115
61	Perkins	5	2,610	20	150	1,475	965	5				
62	Phelps	50	141,978	15,535	32,509	48,575	45,359	53	5	7,180	117	49,332
63	Pierce	32	167,341	11,980	42,500	44,706	68,155	32	2	1,600	28	12,783
64	Platte	88	358,828	32,276	85,050	105,344	136,158	99	10	5,640	166	78,079
65	Polk	53	142,137	17,690	34,940	53,660	35,847	61	4	1,350	50	19,806
66	Redwillow	37	163,389	8,250	80,775	33,484	40,880	42	13	10,620	137	73,084
67	Richardson	81	284,409	28,795	57,700	97,398	100,516	103	11	6,960	121	45,560
68	Rock	7	13,891	450	3,350	3,476	6,615	8			6	2,182
69	Saline	97	324,739	30,220	74,105	101,028	119,386	107	9	7,680	85	33,485
70	Sarpy	29	119,480	15,025	25,385	51,614	27,456	29	5	3,440	117	45,709
71	Saunders	99	237,121	32,995	44,190	73,562	86,374	114	7	5,360	101	40,379
72	Scotts Bluff	10	11,740	425	2,050	3,015	6,250	11			11	4,056
73	Seward	83	334,863	37,110	56,582	121,354	119,817	89	5	2,670	96	41,089
74	Sheridan	20	51,998	3,100	11,643	19,175	18,080	22			11	4,044
75	Sherman	27	39,806	3,305	8,810	11,475	16,216	30			19	7,524
76	Sioux	7	8,150	825	1,015	3,800	2,510	9			7	1,821

BY COUNTIES: 1900.

for McPherson county.]

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
21,059	$10,749,706	2,626	$676,278	776	$144,704	$6,935,399	$555,750	$248,760	$5,838,018	$292,871	$102,197,707	$100,856,255	$1,341,452	$143,990,102	1
255	131,048	89	23,232	9	1,015	37,798	13,088	2,811	17,617	4,282	377,101	364,628	12,473	789,421	2
59	28,847	2	400	1	200	5,708	493	760	4,455		228,744	226,792	1,952	310,298	3
				1	100	38		14	24		745	690	55	2,895	4
19	9,805	1	330	2	520	4,246	162	1,148	2,936		120,635	118,400	2,235	164,556	5
98	60,647	1	300	2	372	6,894	1,893	1,403	2,868	730	97,193	92,258	4,935	209,919	6
5	1,473	1	200			1,158	145	191	822		12,151	11,544	607	26,162	7
12	5,475	3	500	3	300	3,921	1,007	671	2,243		66,195	64,939	1,256	108,590	8
246	106,569	106	23,490	54	11,206	29,545	8,424	3,126	17,721	274	418,839	401,957	16,882	750,651	9
92	37,030	7	1,435	3	570	8,690	3,733	1,433	3,374	150	169,152	164,177	4,975	307,922	10
49	25,016	5	1,384	5	786	8,869	2,192	1,214	5,463		169,594	162,165	7,429	263,577	11
568	280,502	12	2,187	25	3,356	34,926	7,422	6,495	15,199	5,810	487,593	466,251	21,342	952,581	12
33	15,085	2	426			5,185	1,097	699	3,389		80,867	78,148	2,719	136,910	13
1	250	2	410			640	109	169	362		17,729	17,507	222	29,244	14
21	8,820					3,818	558	729	2,531		33,712	32,945	767	66,568	15
38	23,775	4	450	1	250	3,698	745	347	2,606		48,839	46,806	2,033	102,746	16
91	33,522	17	3,135	14	1,625	15,846	2,714	1,499	11,127	506	282,601	275,467	7,134	433,137	17
81	42,949	6	1,602	1	234	12,889	1,860	1,308	9,721		408,746	399,243	9,503	550,141	18
75	29,895	2	520	4	620	20,560	2,165	1,654	16,726	15	170,477	164,092	6,385	292,174	19
36	14,582	1	181	8	1,231	9,331	1,710	2,041	5,563	17	143,250	140,432	2,818	231,980	20
19	8,716			5	734	1,292	199	363	668	62	41,364	40,184	1,180	82,635	21
74	45,769	10	2,310	1	200	4,563	1,450	1,002	2,111		109,042	104,991	4,051	207,779	22
50	26,054	5	820	4	671	10,607	1,593	698	8,271	45	195,963	190,850	5,113	292,014	23
2	750					125	25	12	88		856	736	120	5,050	24
55	21,464	4	825	4	560	7,568	1,341	1,149	4,428	650	231,110	225,606	5,504	316,236	25
456	245,564	53	14,129	10	1,105	115,497	13,712	5,452	96,323	10	659,519	628,339	31,180	1,253,437	26
12,394	6,651,355	1,470	398,247	423	91,064	5,601,547	302,878	132,675	4,970,589	195,405	83,667,294	82,826,098	841,196	113,577,929	27
109	40,609	11	3,746	8	937	16,174	3,958	1,560	10,086	570	442,414	431,921	10,493	603,122	28
35	14,707	1	356	4	457	4,181	621	670	2,340	500	141,298	139,218	2,080	224,583	29
8	4,240			2	350	1,547	325	338	884		70,157	69,792	365	99,424	30
63	31,752	8	1,564	4	505	7,443	2,086	1,339	3,918	100	166,289	163,019	3,270	293,432	31
503	225,566	54	13,574	19	1,713	40,451	11,104	5,330	22,833	1,184	620,217	607,441	12,776	1,138,711	32
7	2,750			2	300	1,688	861	167	660		28,643	27,656	987	47,110	33
		1	110	2	200	398	55	65	278		2,297	2,080	217	5,500	34
1	400			1	100	60	5	20	35		972	892	80	3,480	35
13	5,902	1	200	1	78	1,574	385	276	913		66,772	64,711	2,061	93,585	36
396	210,679	77	23,349	17	3,078	60,267	11,551	6,854	32,262	9,600	463,746	449,399	14,347	949,770	37
28	13,460	3	700	2	120	3,252	1,253	531	1,440	28	72,813	70,987	1,826	132,117	38
16	6,332	4	937			3,017	1,743	397	877		54,300	52,753	1,547	90,303	39
3	1,025			1	200	642	60	256	326		12,769	12,649	120	19,810	40
9	3,817	3	600	1	250	2,547	723	505	1,319		24,990	23,940	1,050	47,024	41
25	11,895	2	506	3	646	5,970	1,793	331	2,746	600	162,150	160,098	2,052	245,161	42
45	18,102	5	1,250			5,732	1,479	664	3,489	100	153,795	148,932	4,863	225,665	43
48	21,060	8	2,064	2	304	8,036	3,228	1,252	3,556		123,072	119,881	3,191	232,268	44
65	27,795	12	1,965	1	80	9,131	4,756	661	3,514	200	140,380	138,283	2,097	245,331	45
48	18,502	3	591	2	359	7,590	2,697	430	1,438	3,025	102,162	97,414	4,748	164,374	46
		1	200	1	52	172	72	44	56		1,870	1,628	242	5,646	47
1	275			1	200	298	10	103	185		10,325	10,131	194	14,660	48
2	500			1	50	49	25	14	10		2,108	1,968	140	5,060	49
32	13,600	2	500	1	250	4,670	1,001	623	3,046		194,215	190,857	3,358	271,922	50
1,952	956,222	264	68,941	21	2,810	302,463	57,356	21,712	172,958	50,437	2,526,560	2,453,878	72,682	4,374,135	51
246	153,990	1	300	2	250	19,013	1,474	1,359	16,180		82,913	79,227	3,686	272,182	52
1	200					39	5	23	11		2,192	1,990	202	4,407	53
223	102,929	21	4,308	18	3,985	60,983	6,189	3,350	51,374	70	550,696	521,016	29,680	879,037	54
56	18,381	2	562			4,223	1,441	652	1,980	150	116,329	113,311	3,018	179,753	55
29	11,978			2	320	7,775	1,232	742	3,301	2,500	76,851	75,274	1,577	130,768	56
61	26,909	6	1,517	1	130	12,365	1,417	857	4,091	6,000	144,251	139,781	4,470	241,360	57
81	33,072	15	3,330	1	88	14,162	5,046	949	7,327	840	218,552	213,998	4,554	343,249	58
617	258,334	151	26,679	13	1,050	172,194	10,478	5,297	152,941	3,478	3,766,299	3,716,829	49,470	4,811,961	59
77	27,470	5	1,100	4	545	6,991	3,724	558	2,709		58,932	45,439	13,493	133,047	60
						152	96	6	50		602	507	95	3,544	61
101	43,012	14	5,820	2	500	6,566	2,820	976	2,770		164,438	156,496	7,942	280,747	62
28	12,783					9,178	797	582	7,799		169,047	165,000	4,047	228,035	63
145	73,278	18	4,418	3	383	20,282	4,066	2,719	13,397	100	406,795	395,509	11,286	619,398	64
42	18,462	6	1,109	2	235	6,112	1,685	803	3,608	16	107,691	103,423	4,268	181,036	65
129	71,708	4	1,090	4	286	5,405	2,259	683	2,463		151,084	145,076	6,008	274,988	66
102	41,281	15	3,517	4	762	21,594	5,605	1,603	13,361	1,025	316,448	310,253	6,195	487,919	67
6	2,182					687	171	65	451		12,727	12,386	341	19,249	68
69	30,072	8	2,340	3	1,073	21,860	4,086	2,546	14,828	400	270,682	267,694	2,988	424,024	69
114	45,004	2	460	1	245	5,042	1,050	569	3,423		79,508	73,832	5,676	192,524	70
88	37,164	12	2,965	1	250	15,022	4,135	1,430	8,757	700	221,617	215,638	5,979	379,096	71
9	3,496	2	560			1,340	823	52	465		21,824	21,057	767	37,385	72
79	37,006	11	3,060	6	1,023	10,534	3,111	1,816	5,325	282	358,679	353,691	4,988	511,753	73
6	3,220	1	150	4	674	1,758	393	373	992		37,767	36,462	1,305	63,114	74
15	6,877	4	647			1,761	470	382	909		27,073	25,459	1,614	63,375	75
2	990	2	356	3	475	197	10	112	75		3,647	3,535	112	8,149	76

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
77	Stanton	8	$17,485	$700	$2,600	$10,925	$3,260	8	2	$325	11	$4,296
78	Thayer	80	155,243	28,075	33,075	46,730	47,363	92	7	2,608	80	30,355
79	Thurston	24	37,920	1,425	8,650	19,070	8,775	25	1	60	17	5,753
80	Valley	46	91,101	5,520	28,600	29,771	27,210	51	3	1,140	53	19,955
81	Washington	40	183,207	15,875	40,075	50,939	76,318	39	15	10,697	117	37,536
82	Wayne	47	114,735	8,950	22,925	44,660	38,200	58	1	600	72	32,055
83	Webster	60	144,302	8,425	20,200	35,043	80,634	68	4	3,440	83	31,465
84	York	84	308,674	23,845	47,975	109,436	127,418	91	11	8,850	152	57,771
85	All other counties[1]	9	20,131	263	11,915	4,700	3,253	9	1	1,080	8	3,566

[1] Includes establishments distributed as follows: Blaine, 1; Dundy, 1; Hooker, 1; Logan, 2; Thomas, 2; Wheeler, 2.

TABLE 7.—MANUFACTURES BY

1	All industries	5,414	$71,982,127	$6,359,075	$15,822,336	$23,201,553	$26,599,163	5,942	2,657	$2,325,038	24,461	$11,570,688
2	Agricultural implements	9	184,081	4,100	10,950	79,163	89,868	9	11	6,705	87	41,128
3	Awnings, tents, and sails	5	54,226			4,555	49,671	7	6	7,360	57	15,830
4	Bicycle and tricycle repairing	51	47,301	2,130	2,170	18,675	24,326	55	4	398	53	21,187
5	Blacksmithing and wheelwrighting	939	1,088,701	154,821	279,173	276,047	378,660	1,064	4	2,056	462	213,437
6	Boots and shoes, custom work and repairing.	196	84,559	14,165	22,210	21,649	26,535	206			42	17,657
7	Boots and shoes, factory product	3	43,500	1,000	9,000	8,700	24,800	6	6	3,300	55	17,302
8	Bottling	5	24,150	200	1,050	5,275	17,625	5	1	500	14	7,390
9	Boxes, wooden packing	3	20,275	3,000	6,000	6,075	5,200	2	2	2,500	43	17,930
10	Bread and other bakery products	91	550,604	55,650	136,490	208,930	149,534	102	44	30,689	332	139,233
11	Brick and tile	106	1,275,533	172,050	356,005	230,125	517,353	134	40	26,446	855	327,544
12	Bridges	3	30,300	2,000	300	6,000	22,000	3	6	4,300	86	46,415
13	Brooms and brushes	37	62,358	9,285	9,530	10,720	32,823	44	22	19,220	63	23,236
14	Carpentering	296	387,839	22,508	50,865	74,236	240,230	345	8	3,778	837	450,947
15	Carpets, rag	18	7,560	1,335	1,515	2,175	2,535	18			12	4,545
16	Carriage and wagon materials	5	11,775			1,475	10,300	3	4	3,124	19	8,668
17	Carriages and wagons	45	151,919	18,490	22,923	34,071	76,435	59	9	7,618	135	72,143
18	Cars and general shop construction and repairs by steam railroad companies.	23	3,635,267	1,947,600	704,550	593,118	389,999		114	100,401	2,458	1,421,284
19	Cheese, butter, and condensed milk, factory product.	93	952,185	29,891	318,572	312,816	290,906	47	66	40,569	333	146,522
20	China decorating	4	11,010	8,000	2,000	300	710	4			6	1,000
21	Clothing, men's, custom work and repairing.	193	328,452	17,950	34,950	32,317	243,235	210	36	29,223	487	274,178
22	Clothing, women's, dressmaking	104	65,320	2,480	5,000	9,683	48,157	114	6	2,829	329	82,524
23	Confectionery	28	170,368	870	2,070	38,143	129,285	40	63	26,520	212	63,521
24	Cooperage	16	133,870	7,375	23,730	32,800	69,965	18	7	8,268	147	72,813
25	Dyeing and cleaning	11	7,145			5,265	1,880	12	2	936	16	5,666
26	Electrical apparatus and supplies	3	19,265			8,400	10,865	2	2	1,872	12	8,707
27	Electrical construction and repairs	9	6,805			1,770	5,035	10	4	382	18	11,676
28	Flouring and grist mill products	305	4,335,934	353,470	934,903	1,689,576	1,357,985	365	138	101,721	698	363,687
29	Food preparations	8	294,108	20,250	56,000	28,040	189,818	4	42	36,600	28	12,948
30	Foundry and machine shop products	38	320,826	29,030	38,359	138,402	115,035	44	19	18,580	209	107,535
31	Fruits and vegetables, canning and preserving.	5	123,623	6,800	35,000	41,325	40,498	6	9	6,400	161	21,686
32	Fur goods	6	97,020	29,000	6,000	2,570	59,450	9	4	1,118	57	19,158
33	Furniture, cabinetmaking, repairing, and upholstering.	55	95,515	9,080	14,775	16,250	55,410	66			54	26,191
34	Furniture, factory product	5	70,400	100	4,800	5,800	59,700	5	10	10,000	132	45,344
35	Gas, illuminating and heating	9	6,956,168	315,200	499,184	5,984,512	157,272		39	36,885	290	79,852
36	Gas machines and meters	3	6,550			2,050	4,500	4	1	1,200	6	2,620
37	Grease and tallow	3	33,979	2,000	10,000	18,300	3,679		4	2,290	7	6,820
38	Hardware	3	35,000	1,000	3,000	6,800	24,200	2	3	1,000	12	3,700
39	Ironwork, architectural and ornamental.	4	248,221	60,000	48,000	30,770	109,451	3	14	15,320	183	76,610
40	Leather goods	3	4,100	100	400	950	2,650	2			4	895
41	Liquors, malt	19	2,678,593	228,023	775,735	784,728	890,107	14	45	94,215	200	131,455
42	Liquors, vinous	3	2,880	120	950	560	1,250	3			2	350
43	Lock and gun smithing	16	15,384	1,900	2,700	6,550	4,234	17	1	250	12	3,854
44	Looking-glass and picture frames	11	43,828			2,720	41,108	10	64	31,580	37	18,906
45	Lumber and timber products	23	117,360	70,805	5,270	27,825	13,460	30			31	10,727
46	Lumber, planing mill products, including sash, doors, and blinds.	21	378,966	56,100	61,619	52,523	208,724	19	32	27,525	294	129,441
47	Marble and stone work	8	54,050	3,775	1,625	22,350	26,300	10	3	2,040	57	34,000
48	Masonry, brick and stone	79	166,915	7,625	8,070	30,675	120,545	96	3	3,120	618	314,097
49	Mattresses and spring beds	5	113,289	4,500	13,500	12,050	83,239	4	8	7,500	81	24,127
50	Millinery, custom work	318	441,809	26,715	65,725	15,256	334,113	375	66	29,078	393	100,022
51	Mineral and soda waters	35	131,215	11,885	15,275	71,850	32,205	37	12	11,580	53	25,135
52	Monuments and tombstones	47	199,465	26,750	33,355	8,058	131,302	52	20	15,520	120	61,908
53	Optical goods	3	12,100			2,600	9,500	4	2	1,220	11	5,549
54	Painting, house, sign, etc	136	123,592	11,755	15,180	17,144	79,513	160	14	10,494	318	161,786
55	Paints	3	881,657	60,000	356,000	98,500	367,157		41	58,456	93	53,020
56	Paper hanging	12	31,425	800	300	2,040	28,285	14	6	3,[illegible]0	59	33,107

BY COUNTIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
8	$3,811	3	$485			$1,217	$912	$81	$224		$31,534	$30,264	$1,270	$43,410	77
73	29,087	3	686	4	$582	7,340	1,596	954	4,090	$700	192,169	189,076	3,093	267,712	78
15	5,328	2	425			1,963	1,080	216	667		17,276	16,939	337	38,351	79
44	18,430	5	1,245	3	280	4,469	1,333	687	2,274	175	105,641	102,674	2,967	169,635	80
94	34,309	17	2,402	6	825	17,773	1,451	1,025	15,297		135,344	129,061	6,283	270,990	81
59	28,505	10	3,200	3	350	8,039	2,319	557	5,163		89,209	84,715	4,494	190,140	82
78	30,370	3	820	2	275	7,438	2,568	685	4,150	35	165,844	162,422	3,422	279,384	83
133	52,678	18	4,805	1	288	19,093	3,881	2,133	10,979	2,100	262,213	255,660	6,553	445,593	84
6	3,238	1	256	1	72	571	165	213	193		8,208	7,788	420	18,042	85

SPECIFIED INDUSTRIES: 1900.

21,059	$10,749,706	2,626	$676,278	776	$144,704	$6,935,399	$555,750	$248,760	$5,838,018	$292,871	$102,197,707	$100,856,255	$1,341,452	$143,990,102	1
83	40,728			4	400	4,646	817	374	3,455		82,856	80,449	2,407	176,446	2
14	7,844	43	7,986			6,712	2,907	165	3,640		62,520	61,930	590	124,470	3
51	20,821			2	366	7,745	4,867	180	2,648	50	35,065	33,879	1,186	93,988	4
458	212,789			4	648	50,544	21,854	7,889	19,256	1,545	451,024	411,076	39,948	1,395,024	5
39	17,162	1	310	2	185	14,600	11,298	642	2,160	500	57,495	54,942	2,553	180,766	6
18	8,812	37	8,490			2,000	250	205	1,545		47,005	46,208	797	73,210	7
12	6,940			2	450	567	422	65	80		28,999	28,734	265	49,440	8
43	17,930					1,157	220	205	732		53,888	53,288	600	78,640	9
243	121,345	79	15,883	10	2,005	65,588	20,145	2,824	42,619		505,056	483,672	21,384	1,061,567	10
887	324,256			18	3,288	41,334	6,436	5,003	29,895		203,247	43,689	159,558	839,815	11
86	46,415					3,321		50	3,271		297,015	296,875	140	373,135	12
62	23,142			1	94	16,923	924	341	1,855	13,803	118,502	117,969	533	224,009	13
834	450,164			3	783	153,071	7,207	1,822	16,575	127,467	1,195,691	1,192,861	2,830	2,155,789	14
8	3,744	4	801			1,408	927	75	406		15,560	15,217	343	24,867	15
16	7,720	2	792	1	156	2,962	1,750	57	1,155		23,510	23,420	90	52,400	16
134	72,013			1	130	14,386	7,691	1,230	4,165	1,300	82,755	79,372	3,383	248,182	17
2,458	1,421,284					92,946		24,824	68,122		1,009,830	963,196	46,634	2,624,461	18
324	144,676	8	1,726	1	120	38,823	4,976	4,212	29,533	102	1,854,228	1,806,789	47,439	2,253,893	19
		6	1,000			448	318	125	5		2,571	2,471	100	6,860	20
433	254,281	48	18,671	6	1,226	56,291	33,103	2,225	19,648	1,315	321,504	316,453	5,051	920,125	21
10	5,680	318	76,684	1	160	17,472	11,431	214	5,802	25	89,497	87,816	1,681	284,488	22
108	43,646	103	19,757	1	118	43,734	21,417	687	21,630		256,831	251,038	5,793	499,245	23
138	70,190			9	2,623	13,529	1,697	488	11,344		301,433	299,413	2,020	433,370	24
5	2,784	10	2,732	1	150	3,240	1,570	29	1,641		4,313	3,453	860	26,575	25
12	8,707					1,632	530	72	1,030		24,395	23,470	925	44,950	26
18	11,676					2,599	1,316	35	1,248		21,384	21,301	83	48,112	27
656	355,060	37	7,836	5	791	171,948	14,109	27,221	130,102	516	6,385,719	6,292,770	92,949	8,100,794	28
27	12,598	1	350			42,753	457	1,050	41,046	200	98,151	94,865	3,286	253,015	29
205	106,763	1	300	3	472	16,043	5,131	2,306	8,556	50	219,423	211,108	8,315	446,504	30
81	13,200	50	6,000	30	2,486	10,325		500	9,825		130,573	128,608	1,965	210,688	31
11	5,916	46	13,242			6,252	2,940	650	2,662		70,795	70,540	255	120,409	32
52	25,955			2	236	6,510	4,351	603	1,556		70,227	68,930	1,297	153,922	33
119	40,184	12	4,960	1	200	3,674	1,280	456	1,810	128	123,726	122,470	1,256	211,750	34
290	79,852					135,182	1,250	29,411	104,521		134,352	114,539	19,813	524,852	35
6	2,620					1,032	564	22	446		3,524	3,464	60	14,250	36
7	6,820					2,905	850	95	1,960		24,966	22,454	2,512	57,610	37
9	3,400			3	300	2,120	295	60	1,765		7,272	6,957	315	26,640	38
183	76,610					12,760	1,560	1,125	10,075		201,334	192,607	8,727	344,000	39
2	710			2	185	124	55	9	60		1,440	1,350	90	4,150	40
197	130,495	3	960			635,031	3,180	14,694	617,157		311,783	276,095	35,688	1,433,501	41
2	350					6		6			1,077	1,012	65	2,981	42
11	3,630	1	224			2,741	1,703	96	942		6,535	6,136	399	24,760	43
37	18,906					10,014	6,106	307	3,601		51,680	51,494	186	118,799	44
28	10,196	1	156	2	375	830	15	335	480		27,123	27,123		51,773	45
296	128,541			8	900	18,428	4,636	2,294	11,498		561,731	555,356	6,375	886,333	46
57	34,000					4,993	2,028	95	2,870		30,165	28,485	1,680	100,545	47
618	314,097					81,927	1,217	604	8,517	71,589	659,772	659,095	677	1,286,885	48
67	20,092	13	3,935	1	100	6,324	1,244	396	4,684		108,675	107,200	1,475	174,641	49
6	1,050	383	98,472	4	500	74,574	52,091	3,496	18,737	250	535,862	530,816	5,046	1,051,938	50
49	24,550	1	300	3	285	10,145	5,595	773	3,777		44,615	41,281	3,334	155,639	51
120	61,908					10,139	2,537	782	6,820		189,128	188,384	744	387,060	52
11	5,549					3,602	2,550	52	1,000		9,892	9,610	282	28,000	53
314	161,292			4	494	20,337	10,967	844	7,276	1,250	164,584	163,891	693	505,269	54
82	49,590	11	3,430			70,405	480	2,147	67,778		534,256	521,297	12,959	838,151	55
59	33,107					4,004	2,453	153	1,398		44,670	44,590	80	111,418	56

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
57	Patent medicines and compounds	23	$81,741	$14,310	$11,590	$7,947	$47,894	20	30	$24,137	41	$18,981
58	Paving and paving materials	16	300,838	57,539	22,060	80,216	141,023	15	14	13,128	369	149,388
59	Photography	142	163,339	16,595	28,945	68,440	49,359	150	7	5,560	91	37,456
60	Plastering and stuccowork	34	63,492	1,280	29,843	25,894	6,475	37	2	1,420	79	37,322
61	Plumbing, and gas and steam fitting	81	277,952	3,775	10,025	40,010	224,142	97	84	20,862	352	215,415
62	Printing and publishing, book and job	62	633,028	8,720	13,440	376,937	233,931	57	72	65,061	549	256,076
63	Printing and publishing, newspapers and periodicals.	492	2,252,555	62,770	154,865	1,118,389	916,531	506	277	242,814	1,334	626,597
64	Roofing and roofing materials	13	51,586	725	4,700	17,330	28,831	11	8	7,310	54	29,448
65	Saddlery and harness	391	1,340,511	97,646	193,112	99,185	950,568	429	69	58,915	583	280,247
66	Sewing machine repairing	3	1,395			155	1,240	3	1	72	1	290
67	Shirts	5	12,700			950	11,750	5	6	2,652	30	9,650
68	Slaughtering and meat packing, wholesale.	8	16,488,845	823,209	4,060,054	1,327,895	10,277,687	1	721	684,240	6,083	2,986,828
69	Slaughtering, wholesale, not including meat packing.	4	36,050	4,550	4,400	2,600	24,500	6			7	4,035
70	Soap and candles	3	234,216	29,498	36,190	31,044	137,484		36	31,820	78	35,543
71	Sugar and molasses, beet	3	1,967,242	36,000	360,000	1,431,000	140,242		35	44,897	174	102,231
72	Sugar and molasses, refining	6	168,397	1,880	460	15,507	150,550	5	21	36,600	34	15,046
73	Tinsmithing, coppersmithing, and sheet-iron working.	224	404,448	38,310	66,185	83,550	216,403	268	37	17,535	298	156,502
74	Tobacco, cigars and cigarettes	141	264,873	17,625	20,250	9,515	217,483	158	9	6,536	399	171,109
75	Trunks and valises	3	14,020			1,350	12,670	3	2	1,170	9	5,336
76	Typewriter repairing	3	400			300	100				7	3,880
77	Vinegar and cider	4	136,869	22,000	20,800	26,824	67,245	8	3	2,500	51	21,325
78	Watch, clock, and jewelry repairing	174	217,792	40,960	43,165	58,005	75,662	195	2	234	97	51,140
79	Windmills	4	282,299	9,000	46,961	37,171	189,167	4	30	23,660	194	81,758
80	Wirework, including wire rope and cable.	10	72,810	925	1,475	18,285	52,125	12	9	5,870	32	12,654
81	All other industries[1]	83	19,146,389	1,260,075	5,689,038	7,179,797	5,017,479	78	165	177,059	2,125	875,418

[1] Embraces ammunition, 1; bags, other than paper, 1; baking and yeast powders, 2; baskets, and rattan and willow ware, 1; bookbinding and blank book making, 1; boot and shoe uppers, 1; boxes, cigar, 1; boxes, fancy and paper, 1; butter, reworking, 2; buttons, 2; calcium lights, 1; cars and general shop construction and repairs by street railroad companies, 1; chemicals, 1; cleansing and polishing preparations, 1; clothing, men's, factory product, 2; clothing, women's, factory product, 1; coffee and spice, roasting and grinding, 1; cotton goods, 1; druggists' preparations, not including prescriptions, 1; electroplating, 2; engraving, steel, including plate printing, 1; fertilizers, 1; flags and banners, 1; flavoring extracts, 2; furnishing goods, men's, 1; gas and lamp fixtures, 1; glass, cutting, staining, and ornamenting, 1; gloves and mittens, 1; gold and silver, reducing and refining, not from the ore, 1; hairwork, 2; hand knit goods, 1; hand

TABLE 8.—MANUFACTURES IN CITIES

LINCOLN.

1	All industries	250	$2,608,992	$157,800	$381,515	$1,078,850	$990,827	269	244	$207,544	1,736	$789,356
2	Bicycle and tricycle repairing	6	5,015			1,560	3,455	8			4	1,250
3	Blacksmithing and wheelwrighting	24	21,475	4,450	4,250	4,855	7,920	27			38	18,930
4	Boots and shoes, custom work and repairing.	10	1,135		165	610	360	10			2	760
5	Bread and other bakery products	4	9,650	800	1,600	2,750	4,500	5			25	8,035
6	Brooms and brushes	3	16,400	1,500	2,200	4,700	8,000	4	15	16,700	16	5,000
7	Carpentering	10	19,200	1,800	4,125	4,240	9,035	11			48	27,910
8	Carriages and wagons	4	4,525	1,500	500	800	1,725	5			8	4,000
9	Clothing, men's, custom work and repairing.	12	32,335			2,435	29,900	14	14	12,555	115	73,736
10	Clothing, women's, dressmaking	7	4,751			755	3,996	8	3	1,593	47	11,420
11	Confectionery	9	22,113	350	1,800	5,328	14,635	14	6	3,980	53	13,450
12	Dyeing and cleaning	3	1,100			900	200	3			4	925
13	Foundry and machine shop products	8	53,775	14,100	4,600	22,200	12,875	11	1	400	37	18,750
14	Lock and gun smithing	3	2,400			1,050	1,350	3			4	1,650
15	Lumber, planing mill products, including sash, doors, and blinds.	3	78,990	7,650	24,700	12,400	34,240	3	14	11,400	80	31,641
16	Masonry, brick and stone	4	23,165	100	100	2,415	20,550	6			42	19,000
17	Millinery, custom work	7	32,200			300	31,900	7	16	6,000	27	5,300
18	Monuments and tombstones	4	45,750	10,000	16,200	1,050	18,500	6	7	7,500	21	16,400
19	Painting, house, sign, etc	8	11,650	300	800	1,605	8,945	13	5	2,016	48	24,244
20	Photography	10	14,900		100	9,950	4,850	11	1	520	19	7,600
21	Plumbing, and gas and steam fitting	10	30,575			2,575	28,000	8	6	4,760	65	35,025
22	Printing and publishing, book and job	10	94,270	6,400	7,000	63,553	17,317	9	10	7,610	109	42,935
23	Printing and publishing, newspapers and periodicals.	18	418,124	23,500	43,500	156,775	194,349	15	49	44,194	239	126,482
24	Saddlery and harness	6	99,675			8,575	91,100	7	5	5,100	76	28,900
25	Tinsmithing, coppersmithing, and sheet-iron working.	11	40,675	1,500	500	6,800	31,875	9	13	6,200	37	20,880
26	Tobacco, cigars and cigarettes	8	10,518	150	150	1,067	9,151	9	1	200	23	12,530
27	Watch, clock, and jewelry repairing	7	9,100			5,875	3,225	7			9	4,872
28	All other industries[1]	41	1,505,526	83,700	269,225	753,727	398,874	36	78	76,816	540	227,731

[1] Embraces awnings, tents, and sails, 2; boot and shoe uppers, 1; brick and tile, 1; carpets, rag, 1; cars and general shop construction and repairs by steam railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; coffee and spice, roasting and grinding, 1; electrical construction and repairs, 2; flouring and grist mill products, 1; food preparations, 1; fur goods, 2; furniture, cabinetmaking, repairing, and upholstering, 2; furniture, factory product, 1; gas, illuminating and heating, 1; hairwork, 2; ice, manufactured, 1; ironwork, architectural and ornamental, 1; leather, tanned, curried, and finished, 1; marble and stone work, 2; mattresses

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
30	$15,806	11	$3,175			$38,340	$3,209	$507	$34,624		$65,268	$64,498	$770	$189,948	57
369	149,388					12,857	1,605	931	9,601	$720	130,686	126,877	3,809	353,574	58
54	26,113	35	11,193	2	$150	34,323	14,438	974	18,503	408	100,615	97,594	3,021	320,756	59
79	37,322					1,816	924	36	356	500	59,459	58,934	525	138,437	60
351	215,165	1	250			32,732	14,679	1,201	14,837	2,015	456,774	453,201	3,573	988,818	61
440	226,865	93	26,200	16	3,011	81,612	25,021	3,382	46,351	6,858	324,932	311,970	12,962	878,531	62
947	542,826	212	58,721	175	25,050	377,666	60,354	9,719	248,578	59,015	624,472	593,035	31,437	2,553,051	63
54	29,448					9,503	1,690	187	7,626		86,335	85,823	512	165,795	64
581	279,997			2	250	95,915	33,352	8,440	53,973	150	926,819	916,524	10,295	1,783,742	65
1	290					402	262	23	117		903	858	45	2,747	66
8	2,840	27	6,810			2,511	1,276	60	1,175		13,391	12,996	395	38,595	67
5,596	2,858,466	173	57,425	314	70,937	1,591,078	18,708	43,862	1,528,508		62,838,762	62,484,267	354,495	71,018,339	68
6	3,975			1	60	438		73	365		209,424	208,710	714	262,027	69
48	25,727	25	9,006	5	810	118,093	300	710	117,083		376,787	368,503	8,284	698,959	70
163	98,878			11	3,353	57,382		3,726	53,656		317,644	289,042	28,602	481,593	71
31	14,496	3	550			11,853	3,384	269	8,200		144,571	142,385	2,186	268,050	72
290	154,642	3	840	5	1,020	31,937	17,133	3,359	11,180	265	288,965	283,063	5,902	693,066	73
279	135,816	84	29,640	36	5,653	99,690	15,123	1,703	82,839	25	285,561	282,740	2,821	702,037	74
9	5,336					3,153	2,520	83	550		6,141	6,080	61	22,000	75
6	3,680			1	200	780	780				2,278	2,242	36	4,240	76
26	14,825	25	6,500			8,325	310	1,040	6,975		101,612	99,102	2,510	154,506	77
95	50,740			2	400	27,138	17,254	1,826	7,918	140	59,924	57,830	2,094	261,178	78
194	81,758					11,677	100	1,102	10,475		139,466	137,487	1,979	274,566	79
32	12,654					4,332	1,192	268	2,872		65,342	64,167	1,175	136,832	80
1,339	690,863	715	170,971	71	13,584	2,259,040	28,419	20,659	2,207,277	2,685	16,672,352	16,366,819	305,533	29,758,611	81

stamps, 2; hosiery and knit goods, 1; ice, manufactured, 1; iron and steel, doors and shutters, 1; jewelry, 2; labels and tags, 1; lamps and reflectors, 2; lead, bar, pipe and sheet, 1; lead, smelting and refining, 1; leather, tanned, curried, and finished, 2; liquors, distilled, 2; malt, 1; mantels, slate, marble, and marbleized, 1, mirrors, 1; models and patterns, 1; mucilage and paste, 1; musical instruments and materials, not specified, 1; musical instruments, pianos and materials, 1; oil, linseed, 1; paper goods, not elsewhere specified, 1; photographic materials, 1; photolithographing and photoengraving, 1; pottery, terra cotta, and fire-clay products, 1; printing and publishing, music, 1; sausage, 2; scales and balances, 1; starch, 2; steam packing, 1; stereotyping and electrotyping, 2; surgical appliances, 1; taxidermy, 2; tobacco. chewing, smoking, and snuff, 2; tools, not elsewhere specified, 1; upholstering materials, 1; wire, 1.

BY SPECIFIED INDUSTRIES: 1900.

LINCOLN.

1,485	$723,579	233	$63,307	18	$2,470	$266,160	$55,918	$15,178	$144,677	$50,387	$2,173,345	$2,119,929	$53,416	$4,105,951	1
4	1,250					798	693	13	92		2,570	2,548	22	8,000	2
38	18,930					3,537	2,427	150	960		23,448	22,521	927	64,588	3
2	760					960	877	8	75		3,005	2,990	15	10,165	4
21	7,450	3	420	1	165	1,825	915	50	860		19,565	18,790	775	41,020	5
16	5,000					14,903	18	105	977	13,803	66,801	66,801		116,945	6
48	27,910					27,209	728	106	875	26,000	57,560	57,377	183	127,500	7
8	4,000					565	370	85	110		4,200	4,145	55	11,650	8
95	64,476	20	9,260			7,546	4,260	334	2,952		60,460	60,170	290	194,420	9
		47	11,420			1,355	1,046	14	295		4,770	4,770		29,510	10
81	9,360	22	4,090			4,873	3,404	280	1,189		55,669	54,430	1,239	114,130	11
		8	775	1	150	613	288		325		745	555	190	4,900	12
36	18,450			1	800	3,391	1,020	698	1,673		20,750	18,815	1,935	58,975	13
4	1,650					1,168	875	28	265		1,785	1,755	30	6,000	14
72	30,741			8	900	3,809		844	2,965		128,805	128,225	580	207,500	15
42	19,000					550			550		48,830	48,770	60	107,600	16
		27	5,300			5,780	4,400	205	1,175		60,700	60,700		94,400	17
21	16,400					1,515	360	66	1,089		44,106	44,070	36	90,000	18
48	24,244					2,943	1,560	108	1,275		22,550	22,485	65	74,665	19
13	5,524	6	2,076			6,317	2,512	100	3,705		11,790	11,415	375	37,900	20
64	34,775	1	250			4,616	2,380	211	2,025		101,556	100,886	670	167,430	21
88	38,700	21	4,235			11,197	4,606	1,069	5,522		58,883	56,458	2,425	143,920	22
200	115,287	36	10,855	3	340	73,513	2,686	1,942	58,301	10,584	196,176	192,685	3,491	486,078	23
76	28,900					6,898	3,970	532	2,396		87,710	87,295	415	154,090	24
36	20,480	1	400			5,815	3,695	480	1,640		33,080	32,265	815	93,050	25
21	12,080	1	250	1	200	8,093	2,289	59	5,745		18,412	18,412		46,970	26
9	4,872					2,715	2,090	80	545		3,365	3,365		17,073	27
492	213,340	45	13,976	3	415	63,656	8,449	7,611	47,596		1,036,054	997,231	38,823	1,597,472	28

and spring beds, 2; mineral and soda waters, 2; paints, 1; patent medicines and compounds, 1; paving and paving materials, 1; plastering and stuccowork, 2; roofing and roofing materials, 1; sewing machine repairing, 1; shirts, 1; slaughtering, wholesale, not including meat packing, 1; trunks and valises, 1; vinegar and cider, 1; wire, 1.

TABLE 8.—MANUFACTURES IN CITIES

OMAHA.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	838	$34,478,014	$3,990,965	$7,275,340	$14,219,320	$8,992,389	887	1,026	$907,155	7,537	$3,804,076
2	Agricultural implements	3	52,000	2,000	4,775	18,725	26,500	5	5	2,325	38	22,400
3	Bicycle and tricycle repairing	12	6,800			3,450	3,350	15	3	198	26	10,890
4	Blacksmithing and wheelwrighting	53	42,955	4,150	8,900	9,405	20,500	63	4	2,056	70	54,608
5	Boots and shoes, custom work and repairing.	44	8,405	500	500	4,885	2,520	46			14	6,416
6	Bottling	3	20,175		600	2,075	17,500	3	1	500	12	6,610
7	Bread and other bakery products	43	348,437	36,850	95,500	125,600	90,487	45	34	21,743	197	88,019
8	Brick and tile	9	109,750	11,300	27,700	17,950	52,800	8	12	7,280	177	64,490
9	Brooms and brushes	4	14,600	3,000	1,750	2,000	7,850	5			11	5,300
10	Carpentering	42	89,173	1,030	3,830	9,015	75,298	47	3	2,140	202	125,171
11	Carriage and wagon materials	5	11,775			1,475	10,300	3	4	3,124	19	8,668
12	Carriages and wagons	10	49,750		3,300	12,400	34,050	16	5	4,570	71	42,636
13	Clothing, men's, custom work and repairing.	49	157,395	5,000	10,000	14,645	127,750	56	21	15,628	199	119,218
14	Clothing, women's, dressmaking	31	41,060	480	400	3,920	36,260	34	3	1,236	164	45,651
15	Confectionery	11	139,960	420		30,540	109,000	17	57	22,540	154	49,394
16	Dyeing and cleaning	5	5,210			3,730	1,480	6	2	936	11	4,273
17	Electrical construction and repairs	4	4,805			1,120	3,685	4	4	382	13	9,901
18	Flouring and grist mill products	4	95,200	25,250	18,600	19,500	31,850	4	6	4,660	14	7,940
19	Food preparations	3	154,435	15,000	25,000	4,775	109,660	2	39	35,400	20	8,900
20	Foundry and machine shop products	7	72,850	3,000	1,000	33,650	35,200	8	7	4,740	81	42,590
21	Fur goods	4	87,920	29,000	6,000	1,770	51,150	7	4	1,118	48	16,208
22	Furniture, cabinetmaking, repairing, and upholstering.	14	12,570	1,400	1,300	4,025	5,845	15			26	13,692
23	Furniture, factory product	3	37,200		4,500	3,000	29,700	3	7	6,000	63	24,744
24	Ironwork, architectural and ornamental.	3	230,221	50,000	43,000	29,770	107,451	1	14	15,320	164	70,610
25	Liquors, malt	6	1,736,824	146,301	528,385	579,314	482,824	2	30	79,755	118	82,091
26	Lock and gun smithing	6	3,525			1,800	1,725	7	1	250	3	1,064
27	Looking-glass and picture frames	5	40,150			2,050	38,100	3	64	31,580	31	16,984
28	Lumber, planing mill products, including sash, doors, and blinds.	6	259,176	46,000	30,719	23,123	159,334	4	18	16,125	172	76,890
29	Masonry, brick and stone	23	107,245	6,000	4,020	19,160	78,065	30	3	3,120	427	222,434
30	Millinery, custom work	18	72,725			2,820	69,905	22	40	19,542	108	36,069
31	Mineral and soda waters	4	35,950			27,600	8,350	1	8	9,720	21	12,142
32	Monuments and tombstones	7	32,685	9,200	4,950	2,135	16,400	7	1	1,200	14	8,904
33	Optical goods	3	12,100			2,600	9,500	4	2	1,220	11	5,549
34	Painting, house, sign, etc	36	63,900	8,400	8,900	5,270	41,330	40	8	8,228	117	71,926
35	Paper hanging	11	31,225	800	300	1,990	28,135	13	6	3,300	58	32,363
36	Patent medicines and compounds	11	46,200	1,600	4,000	4,250	36,350	8	14	11,840	26	13,860
37	Paving and paving materials	6	240,438	46,839	14,310	49,266	130,023	2	11	10,428	159	65,645
38	Photography	13	32,570		1,200	12,900	18,470	14	4	3,780	25	14,641
39	Plastering and stuccowork	4	1,960			800	1,160	4			9	6,438
40	Plumbing, and gas and steam fitting	32	150,395		100	16,045	134,250	37	23	13,932	184	124,336
41	Printing and publishing, book and job	38	459,714			279,809	179,905	32	59	55,737	395	196,739
42	Printing and publishing, newspapers and periodicals.	37	681,589	2,360		296,298	382,931	30	180	163,901	244	212,903
43	Roofing and roofing materials	6	42,800		4,100	14,850	23,850	5	8	7,310	44	25,641
44	Saddlery and harness	17	233,142	16,350	9,400	10,816	196,576	25	37	30,283	150	83,226
45	Shirts	4	12,100			750	11,350	4	6	2,652	23	8,150
46	Tinsmithing, coppersmithing, and sheet-iron working.	34	98,434	7,000	7,835	17,009	66,590	38	18	5,715	94	58,999
47	Tobacco, cigars and cigarettes	28	53,102	3,000	3,200	1,185	45,717	30	3	2,176	100	43,386
48	Typewriter repairing	3	400			300	100				7	3,880
49	Watch, clock, and jewelry repairing	24	42,145	14,000	4,500	10,150	13,495	29	2	234	39	24,430
50	All other industries[1]	90	28,194,874	3,494,735	6,392,766	12,479,605	5,827,768	83	245	273,231	3,164	1,507,057

[1] Embraces awnings, tents, and sails, 2; bags, other than paper, 1; baking and yeast powders, 2; baskets, and rattan and willow ware, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 2; boxes, cigar, 1; boxes, fancy and paper, 1; boxes, wooden packing, 1; bridges, 2; buttons, 1; calcium lights, 1; carpets, rag, 2; cars and general shop construction and repairs by steam railroad companies, 1; cars and general shop construction and repairs by street railroad companies, 1; cheese, butter, and condensed milk, factory product, 2; china decorating, 1; cleansing and polishing preparations, 1; clothing, men's, factory product, 2; clothing, women's, factory product, 1; cooperage, 2; druggists' preparations, not including prescriptions, 1; electrical apparatus and supplies, 2; electroplating, 2; engraving, steel, including plate printing, 1; flags and banners, 1; flavoring extracts, 2; gas and lamp fixtures, 1; gas, illuminating and heating, 1; gas machines and meters, 1; glass, cutting, staining, and ornamenting, 1; gloves and mittens, 1; gold and silver, reducing and refining, not from the ore, 1; hand stamps, 2;

SOUTH OMAHA.

1	All industries	139	$16,471,329	$859,382	$4,040,087	$1,400,639	$10,171,221	150	774	$738,429	6,606	$3,268,591
2	Blacksmithing and wheelwrighting	13	9,145	575	3,750	1,810	3,010	14			14	9,340
3	Boots and shoes, custom work and repairing.	5	370			265	105	5			2	1,175
4	Bread and other bakery products	7	9,270		200	2,370	6,700	8	1	400	25	11,406
5	Brick and tile	3	57,200		16,500	23,200	17,500	4	1	3,300	43	17,460
6	Carpentering	22	14,251	2,550	3,800	4,310	3,591	26			89	52,204
7	Clothing, men's, custom work and repairing.	5	4,955			330	4,625	5			21	13,100
8	Flouring and grist mill products	3	15,550	1,750	3,300	4,500	6,000	5			2	900
9	Masonry, brick and stone	8	5,545		50	2,025	3,470	11			61	28,634
10	Millinery, custom work	5	11,450	2,500	3,000	275	5,675	7			15	2,440
11	Painting, house, sign, etc	9	6,147	500	500	1,172	3,975	12			15	9,642

BY SPECIFIED INDUSTRIES: 1900—Continued.

OMAHA.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
6,209	$3,464,144	1,238	$324,128	90	$15,804	$3,864,988	$263,847	$84,940	$3,333,177	$183,024	$22,211,573	$21,776,089	$435,484	$43,168,876	1
38	22,400					1,767	750	72	945		44,494	43,218	1,276	89,356	2
25	10,730			1	160	2,836	1,509	23	1,254	50	11,300	10,975	325	35,080	3
67	54,200			8	408	9,172	7,558	242	1,172	200	36,747	33,890	2,857	169,183	4
14	6,416					4,917	4,632	46	239		14,653	14,133	520	47,460	5
10	6,160			2	450	347	322	22	3		25,049	24,849	200	42,100	6
148	78,049	42	8,540	7	1,430	35,018	11,613	1,720	21,685		330,059	316,455	13,604	680,187	7
174	64,010			3	480	6,395	1,900	870	3,625		35,443	2,467	32,976	149,875	8
11	5,300					729	282	97	350		15,948	15,688	260	32,020	9
200	124,771			2	400	75,819	1,802	232	4,157	69,628	264,403	264,316	87	546,400	10
16	7,720	2	792	1	156	2,962	1,750	57	1,155		23,510	23,420	90	52,400	11
70	42,506			1	130	9,072	6,057	315	2,000	700	37,930	36,537	1,393	130,930	12
185	113,958	9	4,138	5	1,122	31,382	18,980	804	11,578	20	133,662	132,567	1,095	396,466	13
10	5,680	153	39,811	1	160	10,369	5,723	83	4,563		55,655	55,273	382	160,480	14
75	34,022	79	15,872			37,557	17,176	364	20,017		196,123	192,099	4,024	371,535	15
4	2,316	7	1,957			2,409	1,084	24	1,301		2,981	2,431	550	18,575	16
13	9,901					1,862	836	30	996		13,584	13,501	83	32,062	17
14	7,940					2,960	75	595	2,290		174,312	171,974	2,338	211,938	18
20	8,900					36,512	336	600	35,376	200	79,084	77,038	2,046	211,534	19
79	42,418			2	172	6,056	3,244	429	2,333	50	116,599	114,307	2,292	204,634	20
9	4,916	39	11,292			4,490	2,088	590	1,812		64,335	64,080	255	102,509	21
25	13,556			1	136	2,228	1,728	43	457		12,932	12,509	423	41,185	22
54	21,984	9	2,760			2,673	780	305	1,460	128	76,396	75,740	656	130,600	23
164	70,610					12,320	1,560	885	9,875		123,034	116,007	7,027	239,000	24
116	81,731	2	360			490,768	180	11,968	478,620		216,792	195,779	21,013	1,029,500	25
2	840	1	224			1,200	708	10	482		2,030	1,918	112	9,420	26
31	16,984					9,495	5,775	255	3,465		48,450	48,310	140	112,750	27
172	76,890					12,075	3,300	1,225	7,550		391,811	388,357	3,454	599,000	28
427	222,434					65,252	528	430	7,080	57,214	439,585	439,120	465	852,062	29
		106	35,719	2	350	29,650	21,060	707	7,883		152,844	152,759	85	844,920	30
20	11,842	1	300			6,315	4,440	125	1,750		16,491	14,276	2,215	57,507	31
14	8,904					1,022	410	77	535		30,916	30,795	121	61,650	32
11	5,549					3,602	2,550	52	1,000		9,892	9,610	282	28,000	33
117	71,926					10,973	5,219	433	4,171	1,150	57,419	57,169	250	211,084	34
58	32,363					3,896	2,357	153	1,386		43,615	43,540	75	108,613	35
17	11,020	9	2,840			24,588	2,071	138	22,379		35,989	35,447	542	107,434	36
159	65,645					9,638	650	538	7,730	720	89,180	88,000	1,180	196,731	37
20	12,271	5	2,370			15,664	4,931	80	10,653		33,941	33,526	415	102,612	38
9	6,438					261	204		57		6,842	6,817	25	19,165	39
184	124,336					20,381	7,708	465	10,308	1,900	202,126	200,331	1,795	457,870	40
319	174,518	62	19,385	14	2,836	65,326	18,502	1,784	38,707	6,333	228,717	219,585	9,132	668,567	41
215	204,804	17	6,127	12	1,972	215,733	26,826	1,425	143,376	44,106	175,640	166,332	9,308	916,901	42
44	25,641					8,697	1,205	120	7,372		69,053	68,646	407	139,300	43
148	82,976			2	250	39,554	7,260	1,316	30,978		303,764	302,512	1,252	557,080	44
3	2,840	20	5,310			1,909	1,180	54	675		10,886	10,491	395	31,595	45
39	57,809	2	440	3	750	10,272	4,583	341	5,248	100	88,010	86,845	1,165	231,170	46
78	35,945	20	7,285	2	156	22,716	4,587	216	17,913		77,675	77,080	595	180,984	47
6	3,680			1	200	780	780				2,278	2,242	36	4,240	48
38	24,180			1	250	6,024	3,813	78	1,993	140	17,948	17,716	232	80,576	49
2,487	1,344,115	653	159,106	24	3,836	2,489,345	41,235	54,502	2,393,223	385	17,571,446	17,265,412	306,034	31,964,636	50

hosiery and knit goods, 1; iron and steel, doors and shutters, 1; jewelry, 2; lamps and reflectors, 2; lead, bar, pipe, and sheet, 1; lead, smelting and refining, 1; liquors, distilled, 1; liquors, vinous, 1; malt, 1; mantels, slate, marble, and marbleized, 1; marble and stone work, 2; mattresses and spring beds, 1; mirrors, 1; mucilage and paste, 1; musical instruments and materials, not specified, 1; musical instruments, pianos and materials, 1; oil, linseed, 1; paints, 2; photographic materials, 1; photolithographing and photoengraving, 1; sausage, 2; sewing machine repairing, 1; soap and candles, 2; starch, 1; steam packing, 1; stereotyping and electrotyping, 2; sugar and molasses, refining, 1; surgical appliances, 1; taxidermy, 1; tobacco, chewing, smoking, and snuff, 2; tools, not elsewhere specified, 1; trunks and valises, 2; vinegar and cider, 1; wirework, including wire rope and cable, 2.

SOUTH OMAHA.

6,045	$3,120,052	231	$73,779	330	$74,760	$1,719,920	$38,107	$46,273	$1,623,159	$12,381	$61,277,486	$60,899,442	$378,044	$70,080,941	1
13	9,100			1	240	1,536	894	117	213	312	8,381	7,455	926	38,515	2
2	1,175					512	502	4	6		1,246	1,181	65	5,100	3
16	9,572	9	1,834			3,620	2,974	123	523		30,322	29,187	1,135	61,944	4
43	17,460					1,155	550	230	375		11,442	957	10,485	46,150	5
89	52,204					8,241	439	96	212	7,494	106,316	106,271	45	194,108	6
20	12,900	1	200			1,325	1,162	40	73	50	10,544	10,385	159	29,700	7
2	900					510		160	350		33,746	33,364	382	44,190	8
61	28,634					4,377	72		280	4,025	47,798	47,798		103,506	9
		15	2,440			1,254	896	113	245		10,005	9,775	230	19,425	10
15	9,642					948	532	20	396		13,222	13,217	5	32,395	11

TABLE 8.—MANUFACTURES IN CITIES

SOUTH OMAHA—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
12	Photography	3	$2,300			$1,700	$600	3			2	$1,080
13	Plastering and stuccowork	4	1,830		$200	1,330	300	5			17	9,331
14	Printing and publishing, newspapers and periodicals.	4	41,333		6,000	19,300	16,033	2	7	$9,515	36	21,689
15	Saddlery and harness	3	4,355			255	4,100	3			3	1,700
16	Slaughtering and meat packing, wholesale.	5	15,635,418	$774,209	3,839,028	1,225,869	9,796,312		712	677,256	5,938	2,914,217
17	Tinsmithing, coppersmithing, and sheet-iron working.	5	10,475	3,000	3,000	1,925	2,550	7			7	4,370
18	Tobacco, cigars and cigarettes	6	3,455			180	3,275	7			8	3,400
19	Watch, clock, and jewelry repairing	5	6,950	3,000	1,000	1,100	1,850	5			7	2,710
20	All other industries[1]	24	631,330	71,298	159,759	108,723	291,550	21	50	47,958	301	163,793

[1] Embraces ammunition, 1; bicycle and tricycle repairing, 1; carriages and wagons, 1; chemicals, 1; clothing, women's, dressmaking, 2; cooperage, 1; dyeing and cleaning, 1; electrical construction and repairs, 2; fertilizers, 1; furniture, cabinetmaking, repairing, and upholstering, 1; grease and tallow, 1; leather, tanned, curried, and finished, 1; liquors, malt, 1; lumber, planing mill products, including sash, doors, and blinds, 1; mineral and soda waters, 1; patent medicines and

TABLE 9.—MANUFACTURES IN CITIES

1	Total for cities	633	$5,453,421	$292,722	$1,006,155	$1,786,981	$2,367,563	685	230	$185,358	3,208	$1,371,223
2	Beatrice	79	594,679	41,350	82,045	163,348	307,936	82	45	31,819	436	172,330
3	Fremont	86	1,096,351	89,397	171,095	242,037	593,822	98	45	30,338	420	203,715
4	Grand Island	104	989,396	45,600	172,430	586,499	184,867	117	31	26,440	465	227,656
5	Hastings	111	425,794	17,500	66,005	132,751	209,538	115	6	5,280	337	149,265
6	Kearney	84	379,769	6,050	78,673	158,915	136,131	91	18	12,260	364	120,890
7	Nebraska City	108	1,576,857	76,775	295,802	358,212	846,068	114	48	54,840	739	269,796
8	Plattsmouth	61	390,575	16,050	140,105	145,219	89,201	68	37	24,381	447	227,571

BY SPECIFIED INDUSTRIES: 1900—Continued.

SOUTH OMAHA—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
1	$720	1	$360			$1,162	$960	$8	$194		$1,970	$1,825	$145	$8,000	12
17	9,331					863	260	3	100	$500	22,707	22,707		39,463	13
33	20,446	3	1,243			7,219	2,140	156	4,923		10,997	10,049	948	73,736	14
3	1,700					1,124	860	50	214		2,555	2,505	50	8,100	15
5,451	2,785,855	173	57,425	314	$70,937	1,475,728	18,708	42,130	1,414,890		60,021,201	59,682,308	338,893	67,716,724	16
7	4,370					1,504	1,056	205	243		4,918	4,743	175	17,005	17
7	3,200	1	200			3,130	685	43	2,402		6,361	6,226	135	17,098	18
6	2,560			1	150	1,336	1,100	101	135		1,570	1,450	120	9,350	19
259	150,283	28	10,077	14	3,433	204,376	4,317	2,674	197,385		932,185	908,039	24,146	1,616,432	20

compounds, 1; paving and paving materials, 1; plumbing, and gas and steam fitting, 2; printing and publishing, book and job, 1; slaughtering, wholesale, not including meat packing, 1; soap and candles, 1.

UNDER 20,000 IN POPULATION: 1900.

2,572	$1,230,833	513	$121,032	123	$19,358	$432,618	$60,886	$29,323	$317,899	$24,510	$5,927,516	$5,808,356	$119,160	$9,129,163	1
374	159,338	45	11,444	17	1,548	31,192	7,668	3,169	19,171	1,184	436,314	430,481	5,833	789,228	2
366	189,789	47	13,276	7	650	92,278	10,600	4,657	77,021		475,634	458,701	16,933	956,006	3
372	201,504	77	23,349	16	2,803	56,469	11,042	6,584	29,243	9,600	445,681	437,093	8,588	899,195	4
243	125,514	87	22,932	7	819	35,409	12,207	2,627	16,293	4,282	340,094	328,678	11,416	720,615	5
209	87,047	105	23,295	50	10,548	22,793	5,958	2,133	14,428	274	248,223	234,899	13,324	498,586	6
585	243,912	143	25,084	11	800	168,662	9,294	4,774	151,224	3,370	3,625,177	3,577,826	47,351	4,582,554	7
423	223,729	9	1,652	15	2,190	25,815	4,117	5,379	10,519	5,800	356,393	340,678	15,715	682,979	8

NEVADA.

Table 1 shows the manufacturing and mechanical industries of the state of Nevada as returned at the censuses of 1870 (the first census at which separate totals were published) to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1870 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.				PER CENT OF INCREASE.		
	1900	1890	1880	1870	1890 to 1900	1880 to 1890	1870 to 1880
Number of establishments	228	95	184	330	140.0	[1]48.4	[1]44.2
Capital	$1,472,784	$1,211,269	$1,323,300	$5,127,790	21.6	[1]8.5	[1]74.2
Salaried officials, clerks, etc., number	39	[2]62	(3)	(3)	[1]37.1		
Salaries	$37,560	[2]$68,968	(3)	(3)	[1]45.5		
Wage-earners, average number	601	558	577	2,859	7.7	[1]3.3	[1]79.8
Total wages	$416,732	$376,535	$461,807	$2,498,473	10.7	[1]18.5	[1]81.5
Men, 16 years and over	563	543	556	2,856	3.7	[1]2.3	[1]80.5
Wages	$408,424	$373,589	(3)	(3)	9.3		
Women, 16 years and over	18	14	5	3	28.6	180.0	66.7
Wages	$5,431	$2,826	(3)	(3)	92.2		
Children, under 16 years	20	1	16		1,900.0	[1]93.8	
Wages	$2,877	$120	(3)		2,297.5		
Miscellaneous expenses	$68,457	$53,869	(4)	(4)	27.1		
Cost of materials used	$826,138	$439,058	$1,049,794	$10,315,984	88.2	[1]58.2	[1]89.8
Value of products, including custom work and repairing	$1,643,675	$1,105,063	$2,179,626	$15,870,539	48.7	[1]49.3	[1]86.3
Total population	[5]40,662	45,761	62,266	42,491	[1]11.1	[1]26.5	46.5
Wage-earners engaged in manufactures	601	558	577	2,859	7.7	[1]3.3	[1]79.8
Per cent of total population	1.5	1.2	0.9	6.7			
Assessed value of real estate	[6]$16,578,404	$8,544,341	$13,280,555	$14,594,722	94.0	[1]35.7	[1]9.0
Value of land and buildings invested in manufactures[7]	$458,651	$397,533	(2)	(2)	15.4		
Per cent of assessed value	2.8	4.7					

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 5.)
[3] Not reported separately.
[4] Not reported.
[5] Exclusive of 1,673 Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[6] Annual Report of State Controller of Nevada, 1900, page 38.
[7] Does not include value of rented property.

The decrease in the manufacturing industries of the state, as indicated by the statistics presented in Table 1, reflects the decline of gold and silver mining, which has always been the chief industry of the state. The discovery of silver in Nevada in 1858 caused an influx of immigrants, and the population continued to increase until soon after 1880. About this time thousands of miners left the state by reason of the apparent exhaustion of some of the richer deposits of gold and silver, and the general decrease has continued to the present time. The majority of the manufacturing establishments of the state are embraced by the neighborhood industries—that is, establishments engaged in the production or repair of articles for local consumption—and naturally the decrease in population has brought about a decrease in this class of industries. The state showed an actual decline in the number of establishments reported, and in the value of their products in 1880 as compared with 1870. This decrease is attributable in part to the fact that the figures for 1870 contained reports from 93 quartz-milling establishments with a product of $12,119,719,[1] not included in subsequent censuses.

[1] Ninth Census of the United States, Industry and Wealth, page 544.

From 1880 to 1890 there was a further decrease in the number of establishments reporting in the state, in the capital invested, and in the value of products amounting, in the latter item, to 49.3 per cent. From 1890 to 1900 the statistics indicate an increase in all of the items reported, and more particularly in the number of establishments, where the increase equals 140 per cent, the increase in the value of the product equaling 48.7 per cent. It seems altogether probable that this increase is more apparent than real and does not accurately represent existing conditions in the state of Nevada. It is a state exceedingly difficult to canvass owing to the sparse settlement of a great area of country; and the canvass of manufacturing and mechanical industries at the census of 1890 was undoubtedly defective. The closer and more careful canvass made in 1900 must be accepted as the explanation of the contradictory character of the statistics.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for a governmental establishment, an institution, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	261	$1,531,789	278	617	$426,692	$69,628	$832,058	$298,892	$447,045	$86,121	$1,673,880
Hand trades[1]	95	123,675	104	67	45,297	12,263	87,205		74,202	13,003	237,848
Governmental establishment	1	28,400		7	7,900	445	1,650		1,420	230	19,500
Eleemosynary institution	1	3,540		7	1,400		1,613		1,573	40	3,013
Establishments with a product of less than $500	31	27,065	31	2	660	726	2,657	25	2,632		7,692
All other establishments	133	1,349,109	143	534	371,435	56,194	738,933	298,867	367,218	72,848	1,405,827

[1] Includes bicycle and tricycle repairing, 2; blacksmithing and wheelwrighting, 49; boots and shoes, custom work and repairing, 14; carpentering, 3; clothing, men's, custom work and repairing, 9; clothing, women's, dressmaking, 1; furniture, cabinetmaking, repairing, and upholstering, 2; lock and gun smithing, 1; millinery, custom work, 4; painting, house, sign, etc., 1; plumbing, and gas and steam fitting, 3; watch, clock, and jewelry repairing, 6.

Of the 261 establishments of all classes shown in this table, 126, or 48.3 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $245,540, or only 14.7 per cent of the total value of the products of the state.

In addition to the 261 active establishments in the state during the census year, with a capital of $1,531,789, shown in Table 2, there were 6 idle establishments with a capital of $98,285.

Table 3 presents the totals for the manufacturing industries of the 3 cities withdrawn from the enumerators and places them in comparison with the totals for the entire state and the state exclusive of these cities.

TABLE 3.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for state	228	$1,472,784	247	601	$416,732	$68,457	$826,138	$1,643,675
Total for urban manufactures	109	620,522	114	216	156,533	39,479	281,719	637,232
Carson City	36	260,434	39	71	57,434	17,377	61,977	185,387
Reno	51	320,833	54	122	86,745	16,762	200,350	392,707
Virginia City	22	39,255	21	23	12,354	5,340	19,392	59,138
Total for state exclusive of urban manufactures	119	852,262	133	385	260,199	28,978	544,419	1,006,443
Per cent of urban manufactures to total for state	47.8	42.1	46.2	35.9	37.6	57.7	34.1	38.8

Of the 228 establishments in the state, 109, or 47.8 per cent, were located in these 3 cities. They furnished employment to 216 wage-earners, or 35.9 per cent of the total number of wage-earners in the state, and the value of their products formed 38.8 per cent of the total for the state.

Table 4 shows the totals for the state by counties.

Table 5 shows the totals for the state by specified industries. This table indicates that car construction and general shop work of steam railroad companies was the leading manufacturing industry of the state, followed by the flouring and grist mill industry, and the printing and publishing of newspapers and periodicals.

Table 6 shows the totals for all industries in the cities withdrawn from the enumerators.

TABLE 4.—MANUFACTURES

	COUNTIES, MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	228	$1,472,784	$121,968	$336,683	$446,412	$567,721	247	39	$37,560	601	$416,732
2	Churchill	8	46,175	6,200	3,150	6,025	30,800	4	1	600	21	7,570
3	Douglas	12	89,796	5,010	33,850	22,235	28,701	11	7	2,300	18	10,701
4	Elko	20	92,877	3,950	21,325	30,175	37,427	24	3	1,020	35	20,593
5	Esmeralda	5	5,765	450	900	1,665	2,750	4	------	------	9	7,058
6	Eureka	15	54,489	4,100	18,250	22,550	9,589	15	------	------	15	10,449
7	Humboldt	16	104,624	3,650	43,100	35,514	22,360	21	2	3,240	26	31,770
8	Lander	5	18,922	1,802	3,450	11,580	2,090	6	1	1,320	6	3,880
9	Lincoln[1]	16	23,040	945	6,200	6,745	9,150	20	1	900	10	3,575
10	Lyon	8	34,775	930	14,050	11,225	8,570	7	2	270	4	1,940
11	Ormsby	37	266,434	6,850	37,850	73,015	148,719	40	3	4,580	73	59,434
12	Storey	23	85,255	5,420	12,295	27,720	39,820	21	5	7,670	44	24,726
13	Washoe	60	634,342	80,345	140,650	192,889	220,458	66	13	14,810	333	228,944
14	White Pine	8	16,290	2,316	1,613	5,074	7,287	8	1	850	7	6,092

[1] One establishment in Nye county included in Lincoln county to avoid disclosing operations of individual establishment.

TABLE 5.—MANUFACTURES BY

1	All industries	228	$1,472,784	$121,968	$336,683	$446,412	$567,721	247	39	$37,560	601	$416,732
2	Blacksmithing and wheelwrighting	49	72,925	11,095	21,045	18,680	22,105	54	------	------	35	24,932
3	Boots and shoes, custom work and repairing.	14	9,100	1,200	1,300	1,835	4,765	15	------	------	8	1,950
4	Bottling	3	8,099	------	------	3,814	4,285	6	------	------	10	5,636
5	Bread and other bakery products	4	3,590	475	750	1,350	1,015	5	------	------	3	2,200
6	Brick and tile	7	19,905	1,850	6,350	1,685	10,020	10	------	------	14	9,885
7	Carpentering	3	2,825	150	900	200	1,575	4	------	------	------	------
8	Carriages and wagons	3	4,850	1,000	1,550	1,800	500	5	------	------	2	1,500
9	Cars and general shop construction and repairs by steam railroad companies.	6	404,577	53,700	104,200	83,303	163,374	------	8	9,800	214	168,102
10	Cheese, butter, and condensed milk, factory product.	4	49,766	2,745	25,000	9,300	12,721	------	9	2,570	11	6,428
11	Chemicals	3	48,075	5,000	2,050	7,025	34,000	7	1	600	20	7,170
12	Clothing, men's, custom work and repairing.	9	9,630	425	1,650	1,250	6,305	9	------	------	14	10,090
13	Confectionery	4	17,850	------	------	10,600	7,250	4	------	------	8	2,698
14	Flouring and grist mill products	11	231,247	7,820	50,500	63,485	109,442	11	4	2,700	13	8,586
15	Gas, illuminating and heating	3	84,211	1,950	10,450	63,931	7,880	------	3	4,460	3	2,680
16	Liquors, malt	5	44,410	3,610	16,700	10,550	13,550	6	------	------	11	8,760
17	Lumber and timber products	4	9,327	2,082	300	3,905	3,040	4	------	------	4	1,375
18	Millinery, custom work	4	4,970	------	------	420	4,550	4	------	------	3	1,000
19	Mineral and soda waters	6	6,980	945	1,675	3,540	820	7	------	------	1	550
20	Monuments and tombstones	3	15,700	2,500	4,000	3,200	6,000	3	------	------	9	12,025
21	Photography	3	7,500	------	100	3,800	3,600	5	------	------	1	480
22	Plumbing, and gas and steam fitting	3	5,700	800	1,700	1,100	2,100	3	1	1,460	1	1,500
23	Printing and publishing, newspapers and periodicals.	29	92,372	5,396	18,363	45,104	23,509	36	3	2,400	68	35,024
24	Saddlery and harness	11	26,820	1,475	4,500	4,880	15,965	12	3	1,920	19	13,270
25	Salt	3	9,320	3,350	2,400	1,520	2,050	3	------	------	7	3,670
26	Tinsmithing, coppersmithing, and sheet-iron working.	7	30,240	2,550	11,750	8,390	7,550	7	------	------	7	5,170
27	Watch, clock, and jewelry repairing	6	6,325	200	300	3,250	2,575	7	------	------	3	2,045
28	All other industries[1]	21	246,470	11,650	49,150	88,495	97,175	20	7	11,650	117	80,006

[1] Embraces bicycle and tricycle repairing, 2; bicycles and tricycles, 1; clothing, women's, dressmaking, 1; copper, smelting and refining, 1; foundry and machine shop products, 2; furniture, cabinetmaking, repairing, and upholstering, 2; lime and cement, 1; lock and gun smithing, 1; lumber, planing mill products,

TABLE 6.—MANUFACTURES IN CITIES

1	Total for cities	109	$620,522	$34,045	$97,045	$176,181	$313,251	114	10	$12,510	216	$156,533
2	Carson City	36	260,434	6,350	37,850	69,015	147,219	39	3	4,580	71	57,434
3	Reno	51	320,833	24,775	52,900	94,446	148,712	54	5	5,660	122	86,745
4	Virginia City	22	39,255	2,920	6,295	12,720	17,320	21	2	2,270	23	12,354

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
563	$408,424	18	$5,431	20	$2,877	$68,457	$16,454	$11,728	$39,469	$806	$826,138	$780,076	$46,062	$1,643,675	1
19	7,130	2	440			2,011		151	1,860		3,136	2,779	357	16,696	2
18	10,701					2,460	96	493	1,871		111,126	108,746	2,380	138,034	3
31	19,649	2	697	2	247	5,565	1,080	707	3,675	103	59,938	56,907	3,031	113,858	4
9	7,058					287		82	205		5,350	5,133	217	15,448	5
15	10,449					1,910	240	579	1,091		13,654	11,432	2,222	37,543	6
25	31,620			1	150	2,928	1,099	208	1,621		83,472	73,003	10,469	129,272	7
5	3,805			1	75	632		313	319		4,612	3,944	668	14,779	8
7	2,945	1	480	2	150	487	244	160	83		12,524	11,269	1,255	34,737	9
3	1,868			1	72	855	108	241	506		31,750	30,587	1,163	43,632	10
72	59,254			1	180	17,627	3,435	3,318	10,874		64,527	58,771	5,756	190,687	11
36	23,409			8	1,317	7,635	1,590	1,406	4,636	3	53,703	50,322	3,381	122,904	12
316	224,444	13	3,814	4	686	25,668	8,342	3,959	12,667	700	375,732	361,239	14,493	765,942	13
7	6,092					392	220	111	61		6,614	5,944	670	20,143	14

SPECIFIED INDUSTRIES: 1900.

563	$408,424	18	$5,431	20	$2,877	$68,457	$16,454	$11,728	$39,469	$806	$826,138	$780,076	$46,062	$1,643,675	1
35	24,932					3,505	1,216	787	1,102	400	88,288	32,808	5,480	113,090	2
3	1,950					1,405	1,162	129	114		6,466	6,236	230	17,403	3
10	5,636					2,755	1,800	90	865		29,107	28,527	580	42,575	4
3	2,200					481	324	82	75		8,629	8,019	610	16,180	5
14	9,885					541	85	68	388		3,499	332	3,167	17,850	6
						186	90	83	10	3	3,195	3,185	10	6,875	7
2	1,500					160		135	25		2,980	2,650	330	8,675	8
214	168,102					7,446		2,531	4,915		110,637	101,353	9,284	295,985	9
11	6,428					1,099		279	820		127,044	123,337	3,707	148,301	10
18	6,680	2	490			2,086		126	1,960		6,050	5,575	475	20,950	11
14	10,090					2,024	1,320	134	570		16,485	16,058	427	42,580	12
3	1,600	3	808	2	290	1,168	760	35	373		7,303	7,138	165	19,000	13
12	8,456	1	130			5,850	30	1,442	4,275	103	122,815	121,415	1,400	157,847	14
3	2,680					3,121		979	2,142		9,383	9,383		26,030	15
11	8,760					6,935		715	6,220		9,240	7,130	2,110	29,216	16
4	1,375					269	160	78	31		3,234	3,234		7,060	17
		3	1,000			1,624	870	90	664		6,029	5,959	70	11,920	18
1	550					176	24	82	70		1,851	1,831	20	7,378	19
9	12,025					283	97	121	65		11,101	10,966	135	28,400	20
		1	480			816	550	26	240		6,157	6,097	60	12,332	21
1	1,500					607	336	56	215		8,815	8,695	120	16,400	22
48	31,434	3	1,303	17	2,287	6,570	2,929	934	2,707		17,669	14,922	2,747	111,052	23
19	13,270					1,991	936	452	603		20,452	20,047	405	53,116	24
6	3,450	1	220			1,110		110	1,000		2,876	2,719	157	12,696	25
7	5,170					1,121	312	277	232	300	11,843	11,618	225	22,008	26
3	2,045					1,751	1,295	131	325		2,990	2,865	125	14,830	27
112	78,706	4	1,000	1	300	13,377	2,158	1,756	9,463		232,000	217,977	14,023	383,926	28

including sash, doors, and blinds, 1; marble and stone work, 1; painting, house, sign, etc., 1; paints, 1; patent medicines and compounds, 1; printing and publishing, book and job, 2; soap and candles, 1; tobacco, cigars and cigarettes, 2.

UNDER 20,000 IN POPULATION: 1900.

192	$150,902	12	$3,544	12	$2,087	$39,479	$12,997	$6,598	$19,581	$303	$281,719	$266,217	$15,502	$637,232	1
70	57,254			1	180	17,377	3,185	3,318	10,874		61,977	56,721	5,256	185,387	2
107	82,611	12	3,544	3	590	16,762	8,222	2,518	5,722	300	200,350	191,832	8,518	392,707	3
15	11,037			8	1,317	5,340	1,590	762	2,985	3	19,392	17,664	1,728	59,138	4

NEW HAMPSHIRE.

Table 1 shows the manufacturing and mechanical industries of the state of New Hampshire as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	4,671	3,229	3,181	3,342	2,592	3,211	44.7	1.5	[1] 4.8	28.9	[1] 19.3
Capital	$100,929,661	$79,375,160	$51,112,263	$36,023,743	$23,274,094	$18,242,114	27.2	55.3	41.9	54.8	27.6
Salaried officials, clerks, etc., number	2,193	[2] 3,250	(3)	(3)	(3)	(3)	[1] 32.5	------	------	------	------
Salaries	$2,290,210	[2] $2,320,764	(3)	(3)	(3)	(3)	[1] 1.3	------	------	------	------
Wage-earners, average number	70,419	60,111	48,831	40,783	32,340	27,092	17.1	23.1	19.7	26.1	19.4
Total wages	$27,620,247	$21,927,290	$14,814,793	$13,823,091	$8,110,561	$6,123,876	26.0	48.0	7.2	70.4	32.4
Men, 16 years and over	46,847	37,509	29,356	25,829	18,379	14,103	24.9	27.8	13.7	40.5	30.3
Wages	$20,704,590	$15,706,723	(3)	(3)	(3)	(3)	31.8	------	------	------	------
Women, 16 years and over	21,921	20,933	16,184	12,775	13,961	12,989	4.7	29.3	26.7	[1] 8.5	7.5
Wages	$6,584,156	$5,973,349	(3)	(3)	(3)	(3)	10.2	------	------	------	------
Children, under 16 years	1,651	1,669	3,291	2,179	(3)	(3)	[1] 1.1	[1] 49.3	51.0	------	------
Wages	$331,501	$247,218	(3)	(3)	(3)	(3)	34.1	------	------	------	------
Miscellaneous expenses	$6,356,131	$4,363,192	(4)	(4)	(4)	(4)	45.7	------	------	------	------
Cost of materials used	$66,348,594	$47,754,152	$43,552,462	$44,577,967	$20,539,857	$12,745,466	38.9	9.6	[1] 2.3	117.0	61.2
Value of products, including custom work and repairing	$118,709,308	$85,770,549	$73,978,028	$71,038,249	$37,586,453	$23,164,503	38.4	15.9	4.1	89.0	62.3
Total population	411,588	376,530	346,991	318,300	326,073	317,976	9.3	8.5	9.0	[1] 2.4	2.5
Wage-earners engaged in manufactures	70,419	60,111	48,831	40,783	32,340	27,092	17.1	23.1	19.7	26.1	19.4
Per cent of total population	17.1	16.0	14.1	12.8	9.9	8.5	------	------	------	------	------
Assessed value of real estate	[5] $162,813,289	$141,729,716	$122,733,124	$35,231,288	$59,638,346	$67,839,108	14.9	15.5	44.0	42.9	[1] 12.1
Value of land and buildings invested in manufactures [6]	$24,519,807	$19,277,415	(3)	(3)	(3)	(3)	27.2	------	------	------	------
Per cent of assessed value	15.1	13.6	------	------	------	------	------	------	------	------	------

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[3] Not reported separately.
[4] Not reported.
[5] As given in "Valuation and Taxation, State of New Hampshire, for 1900," page 41.
[6] Does not include value of rented property.

Table 1 reveals the generally steady growth of the manufacturing industries of New Hampshire during the half century. This progress becomes the more striking when compared with the slow growth of population. Since 1850 the population has increased only 29.4 per cent, but the average number of wage-earners has increased from 27,092 to 70,419, a gain of 159.9 per cent. The wage-earners in 1900 constituted 17.1 per cent of the total population, while in 1850 they constituted only 8.5 per cent. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 86,776, or 21.1 per cent of the total population of the state. The increase in the number of wage-earners decade by decade indicates that the growth in manufactures throughout the entire period was rapid and fairly uniform. The value of products and the amount paid for wages as given in the table show greater fluctuations. The values for 1870, however, were expressed in a currency which was at a discount in gold, and should, therefore, be reduced by about one-fifth for purposes of comparison with other census years. The decade from 1890 to 1900 shows an increase in the value of products of 38.4 per cent, which is greater than for any decade since 1870.

The result of this half century of development is that manufacturing has now become the leading industry of New Hampshire, while in 1850 the leading position was held by agriculture. The manufactures are mostly located in the southern part of the state. The proximity of this section to the business and financial center of New England, the abundant waterpower, and the excellent harbor at Portsmouth are important elements which have contributed to the development of its manufactures.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for educational and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	5,267	$101,370,866	5,754	70,786	$27,654,404	$6,371,491	$66,505,701	$22,200,721	$41,508,070	$2,796,910	$119,025,902
Hand trades[1]	2,211	3,192,894	2,417	5,158	2,312,078	392,850	3,361,685	7,278	3,251,778	102,629	8,308,491
Educational and penal institutions	5	130,790	-------	186	20,508	2,911	107,849	19,500	87,444	905	158,310
Establishments with a product of less than $500	593	310,415	627	181	13,649	12,449	49,258	7,190	42,020	48	168,284
All other establishments	2,460	97,736,767	2,710	65,261	25,308,169	5,963,281	62,986,909	22,166,753	38,126,828	2,693,328	110,400,817

[1] Includes bicycle and tricycle repairing, 65; blacksmithing and wheelwrighting, 538; boots and shoes, custom work and repairing, 193; carpentering, 231; clothing, men's, custom work and repairing, 129; clothing, women's, dressmaking, 209; dyeing and cleaning, 9; furniture, cabinetmaking, repairing, and upholstering, 48; lock and gun smithing, 17; masonry, brick and stone, 96; millinery, custom work, 191; painting, house, sign, etc., 231; paper hanging, 7; plastering and stuccowork, 4; plumbing, and gas and steam fitting, 108; sewing machine repairing, 5; taxidermy, 3; watch, clock, and jewelry repairing, 127.

Of the 5,267 establishments of all classes shown in this table, 2,804, or 53.2 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $8,471,775, or only 7.1 per cent of the total value of the products of the state.

In addition to the 5,267 active establishments in the state during the census year, with a capital of $101,370,866, shown in Table 2, there were 48 idle establishments, with a capital of $822,951, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital	INDUSTRIES.	Number of idle establishments.	Capital.
Boots and shoes, factory product	2	$100,000	Marble and stone work	2	$24,200
Brick and tile	5	11,250	Painting, house, sign, etc	1	10,000
Electrical apparatus and supplies	1	31,598	Wood, turned and carved	1	20,000
Flouring and grist mill products	2	11,000	Woodenware, not elsewhere specified	1	20,000
Foundry and machine shop products	2	195,000	Woolen goods	3	274,350
Kaolin and other earth grinding	1	14,300	Worsted goods	1	29,000
Lumber and timber products	12	50,295	All other industries	14	31,958

TABLE 3.—COMPARATIVE SUMMARY OF TEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	1,040	$76,847,141	49,828	$18,564,054	$3,762,119	$52,059,848	$85,528,450
	1890	1,003	60,233,899	45,335	15,897,355	3,103,272	37,919,172	64,049,651
Increase, 1890 to 1900	-------	37	16,613,242	4,493	2,666,699	658,847	14,140,676	21,478,799
Per cent of increase	-------	3.7	27.6	9.9	16.8	21.2	37.3	33.5
Per cent of total of all industries in state	1900	22.3	76.1	70.8	67.2	59.2	78.5	72.0
	1890	31.1	75.9	75.4	72.5	71.1	79.4	74.7
Boots and shoes, factory product	1900	67	8,123,481	12,007	4,971,954	453,706	16,569,725	23,405,558
	1890	64	3,956,774	7,912	3,337,167	256,643	6,749,322	11,986,003
Cheese, butter, and condensed milk, factory product	1900	53	311,308	119	58,323	21,229	1,226,388	1,467,503
	1890	23	71,992	51	24,495	7,777	420,767	494,466
Cotton goods	1900	23	29,261,835	20,454	6,759,422	1,502,420	11,960,102	22,998,249
	1890	27	26,801,933	19,383	6,242,204	1,340,222	12,962,939	21,958,002
Flouring and grist mill products	1900	149	1,004,990	185	82,214	33,084	2,201,909	2,505,936
	1890	121	905,075	174	78,737	44,742	2,061,208	2,358,616
Foundry and machine shop products	1900	87	2,894,474	1,979	945,154	198,077	1,211,887	3,049,334
	1890	76	3,658,689	2,034	970,384	131,513	1,296,963	2,895,716
Hosiery and knit goods	1900	22	2,525,286	2,492	790,558	175,118	1,319,170	2,592,829
	1890	37	2,706,065	3,121	931,519	241,201	1,777,595	3,481,922
Leather, tanned, curried, and finished	1900	12	1,900,277	552	219,292	145,003	2,053,367	2,664,942
	1890	18	1,303,992	568	301,077	93,238	2,303,363	2,988,209
Lumber and timber products	1900	553	11,382,114	4,188	1,654,965	238,129	4,927,399	9,218,310
	1890	570	7,592,167	5,370	1,600,993	305,137	2,607,473	5,641,445
Paper and wood pulp	1900	29	8,163,081	2,391	1,036,856	539,955	3,953,334	7,244,733
	1890	15	1,221,491	520	220,122	65,747	715,081	1,282,022
Wool manufactures	1900	45	11,280,295	5,461	2,045,316	455,398	6,636,567	10,381,056
	1890	52	12,015,721	6,102	2,190,657	617,052	7,024,461	10,963,250

The 10 leading industries of the state in 1900, shown in Table 3, embrace 1,040 establishments, or 22.3 per cent of the total number in the state; $76,847,141, or 76.1 per cent of the total capital; 49,828, or 70.8 per cent of the total number of wage-earners; $18,564,054, or 67.2 per cent of the total wages; and $85,528,450, or 72 per cent of the total value of products. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products. It appears that the leading industry of the state is the manufacture of boots and shoes. The 67 establishments reported for this industry gave employment to 12,007 wage-earners, or 17.1 per cent of the wage-earners employed in the state, and the products were valued at $23,405,558, or 19.7 per cent of the total value of the products of the state. In 1890 the products were valued at $11,986,003. The increase from 1890 to 1900 was $11,419,555, or 95.3 per cent.

The boot and shoe factories are largely located in cities and towns in the southern part of the state where the industry early gained a foothold, due to the proximity of these places to Lynn and Haverhill, shoe centers of Massachusetts. Until the application of machinery to the industry, after the Civil War, stock for shoes was cut in the factories located in these centers, and put out for manufacture to the people in the adjoining towns of the state and in New Hampshire. So great became the demand for this kind of labor between the years 1825 and 1850 that "nearly every boy in the southeastern towns of New Hampshire who could hold a lapstone was either an apprentice or a full-fledged workman."[1] The work was carried on either in the houses of farmers or in small shops. In 1856, in the typical town of Northwood, there were at least 100 of these small shoemaking shops. The introduction of machinery displaced this labor and the various towns established local factories to retain their shoemaking population. There is record of the building of 27 shoe factories between 1870 and 1895 by associations of business men in almost as many cities and towns of the state. These were leased to experienced shoe manufacturers, usually from Lynn or Haverhill, and were generally exempted from local taxation for ten years.[2]

The manufacture of cotton goods, for years the leading industry of the state, now ranks second with 23 establishments, having a capital of $29,261,835, 20,454 wage-earners, and products valued at $22,998,249, as compared in 1890 with 27 establishments, $26,801,933 capital, 19,383 wage-earners, and products valued at $21,958,002. The importance of the industry is due largely to the water-power of the state. In 1804, fourteen years after Samuel Slater built the first successful cotton factory in the country at Pawtucket, R. I., one of his employees, Charles Robbins, constructed a mill at New Ipswich, N. H.[3] Five years later Benjamin Pritchard, housewright of the New Ipswich mill, established a mill where the city of Manchester now stands.[4] The growth of the industry has been steady. "In 1826 four hundred distinct buildings for the manufacture of cotton had been built in the United States, and of these 50 belonged to New Hampshire,"[5] while the value of the land and buildings used for this purpose in the state in 1900, together with the machinery, amounted to $15,685,459.

Wool manufactures rank third in importance with 45 establishments, having a capital of $11,280,295, 5,461 wage-earners, and products valued at $10,381,056, as compared in 1890 with 52 establishments, 6,102 wage-earners, and products valued at $10,963,250. In 1801, at New Ipswich, James Sanderson established the first carding mill in the state. This developed gradually into a full-fledged woolen mill.[6] In 1823 there were 307 carding machines in the state, 256 fulling mills, and 18 woolen factories.[7] The value of the products shows a decrease of 5.3 per cent since 1890, due in part to the lower prices of woolen and worsted goods.

The manufacture of lumber and timber products ranks fourth among the industries of the state with 553 establishments, having a capital of $11,382,114, 4,188 wage-earners, and products valued at $9,218,310. The value of the products in 1890 was $5,641,445, showing an increase during the last decade of $3,576,865, or 63.4 per cent. This is the oldest manufacturing industry in the state. New Hampshire, unlike several of the neighboring colonies, was founded for the purpose of trade, the intention of Captain Mason, the proprietor of the region, being to exploit its lumber and fisheries. He accordingly procured from Denmark several men "skilled in the sawing of plank" who established previous to 1635, near Portsmouth, what is claimed to be the first sawmill in New England of which there is any distinct record.[8] The original forests of white pine, chiefly in the Connecticut Valley, are now practically exhausted, but over large areas there has been a second growth and this, together with the spruce of the northern part of the state, is being used by the mills.[9] In 1896 it was estimated that forests still covered more than 60 per cent of the area of the state.[10]

The manufacture of paper and wood pulp is fifth in rank with 29 establishments, having a capital of $8,163,081, 2,391 wage-earners, and products valued at $7,244,733, including sulphite fiber, valued at $2,711,278; news paper, valued at $2,078,604; and bogus or wood manila paper, valued at $629,401. There was a very decided growth

[1] Report of the New Hampshire Bureau of Labor, 1895-1896, page 9.
[2] Ibid., pages 17 to 37.
[3] The New England States, edited by W. T. Davis, Vol. I, page 149.
[4] The New England States, Vol. I, page 150.
[5] History of New Hampshire, by Edwin D. Sanborn, page 376.
[6] Bulletin of the National Association of Wool Manufacturers, Vol. XXIX, page 238.
[7] Gazetteer of the State of New Hampshire, 1823, by John Farmer and J. B. Moore, page 30.
[8] History of Mason, New Hampshire, by J. B. Hill, pages 10 and 11, and History of American Manufactures, by J. L. Bishop, Vol. I, page 95.
[9] Census of 1880, Vol. IX, The Forests of North America, page 496.
[10] The New England States, Vol. III, page 1680.

in these manufactures during the last decade, the value of the products in 1890 being $1,282,022, an increase during this period of $5,962,711, or 465.1 per cent. The industry existed in the state as early as 1823, and 12 paper mills were reported for that year.[1] In addition to the waterpower of the state available for this manufacture, there is also an abundance of spruce, the variety of wood more largely used than any other for material in this industry. Wood, wood pulp, and wood fiber have in recent years become the most important materials used in the manufacture of paper, and in 1900 constituted 40 per cent of the total cost of materials used in this industry in the United States.

The foundry and machine shop industry ranks sixth with 87 establishments, having a capital of $2,894,474, 1,979 wage-earners, and products valued at $3,049,334, as compared in 1890 with 76 establishments, $3,658,689 capital, 2,034 wage-earners, and products valued at $2,895,716. This industry has had a steady growth during recent years.

The tanning and currying of leather ranks seventh with 12 establishments, having a capital of $1,900,277, 552 wage-earners, and products valued at $2,664,942, as compared in 1890 with 18 establishments, $1,303,992 capital, 668 wage-earners, and products valued at $2,988,209. The abundance of bark suitable for tanning purposes early made the tanning of leather a considerable industry. What is said to be "practically the first incorporated company in this business" in the country was formed in 1809, under the name of the Hampshire Leather Manufacturing Company of Massachusetts, to operate extensive tanneries in New Hampshire belonging to Colonel William Edwards. This noted leather manufacturer had established himself in the state as early as 1790, and because of the extensive improvements he introduced in the mechanism and arrangement of the tannery, left a considerable impress upon the business of that period.[2] In 1823 there were 193 "bark mills" and 304 tanneries in the state.[3] In 1880 the value of the leather, tanned and curried, reached its maximum, $4,477,350, and has declined since that date owing to the increasing scarcity of bark.

The manufacture of hosiery and knit goods ranks eighth with 22 establishments, having a capital of $2,525,286, 2,492 wage-earners, and products valued at $2,592,829, as compared in 1890 with 37 establishments, $2,706,065 capital, 3,121 wage-earners, and products valued at $3,481,922. The industry became properly a branch of manufacturing by the successful use of a power machine at Cohoes, N. Y., in 1832, and in 1839 the largest stocking factory in New England began operations at Portsmouth, N. H.[4] In 1846 the first knitting mill was erected at Laconia, a town which has since become noted as a center for the industry.

Flour and grist milling ranks ninth with 149 establishments, having a capital of $1,004,990, 185 wage-earners, and products valued at $2,505,936. This was naturally one of the earliest industries in the state. In 1661 permission to erect a windmill for grinding corn was granted to Captain Pendleton by the selectmen of Portsmouth.[5] The value of the products in 1900, as compared with 1890, shows an increase of $147,320, or 6.2 per cent.

The last of the industries included in Table 3 is the factory manufacture of cheese, butter, and condensed milk. The number of establishments reported is 53, with 119 wage-earners, and a product valued at $1,467,503. The increase in the value of the product in 1900 over 1890 is $973,037, or 196.8 per cent.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the city of Manchester as returned at the censuses of 1880, 1890, and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, MANCHESTER, 1880, 1890, AND 1900, WITH PER CENT OF INCREASE.

	DATE OF CENSUS.			PER CENT OF INCREASE.	
	1900	1890	1880	1890 to 1900	1880 to 1890
Number of establishments	577	386	121	49.5	219.0
Capital	$22,426,125	$22,424,968	$15,149,153	(1)	48.0
Wage-earners, average number	19,032	15,351	10,838	24.0	41.6
Total wages	$7,030,966	$5,950,234	$3,370,404	18.2	76.5
Miscellaneous expenses	$1,548,205	$1,072,875	(2)	44.3	-------
Cost of materials used	$14,755,640	$11,872,289	$7,901,066	24.3	50.3
Value of products, including custom work and repairing	$26,607,600	$20,187,295	$14,136,305	31.8	42.8

[1] Less than one-tenth of 1 per cent.
[2] Not reported.

It appears from Table 4 that there has been a considerable increase during the past decade in the manufactures of the city. The number of establishments increased from 386 to 577, or 49.5 per cent; the average number of wage-earners from 15,351 to 19,032, or 24 per cent; and the value of the products from $20,187,295 to $26,607,600, or 31.8 per cent. There were 577 establishments in Manchester in 1900, or 12.4 per cent of the entire number in the state. These establishments had a combined capital amounting to $22,426,125, or 22.2 per cent of all the capital employed in the state. Of the wage-earners, 19,032, or 27 per cent of all in the state, were employed

[1] Gazetteer of the State of New Hampshire, 1823, by John Farmer and J. B. Moore, page 30.
[2] One Hundred Years of American Commerce, Vol. II, page 495.
[3] Gazetteer of the State of New Hampshire, 1823, page 30.
[4] Eighth Census of the United States, Manufactures, Introduction, page xliii.
[5] History of American Manufactures, Vol. I, page 118.

in Manchester. The total amount of wages paid in the city amounted to $7,030,966, or 25.5 per cent of all wages paid in the state. The value of products, including custom work and repairing, during 1900 was $26,607,600, or 22.4 per cent of the total products of the state.

Table 5 presents the totals for the manufacturing industries of the 29 cities and towns withdrawn from the enumerators and places them in comparison with the totals for the entire state, and the state exclusive of these cities and towns.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	PRODUCTS.			POPULATION.		
				Average number.	Total wages.			Value.	Rank.	Per cent of total.	Total.	Rank.	Per cent of total.
Total for state	4,671	$100,929,661	5,127	70,419	$27,620,247	$6,356,131	$66,348,594	$118,709,308	-------	100.0	411,588	-------	100.0
Total for urban manufactures	3,074	79,753,617	3,336	56,935	22,478,399	5,462,177	52,623,149	94,024,532	-------	79.2	230,486	-------	56.0
Berlin	69	7,572,021	75	2,705	1,061,795	406,907	3,281,365	6,314,496	3	5.3	8,886	7	2.2
Claremont	89	1,767,883	91	1,428	579,624	100,826	1,429,533	2,502,632	11	2.1	6,498	11	1.6
Concord	298	4,811,982	355	3,101	1,612,966	412,129	2,563,967	5,357,408	5	4.5	19,632	8	4.8
Derry	26	344,504	29	887	359,089	26,892	1,268,872	1,745,489	18	1.5	3,583	17	0.9
Dover	184	6,784,230	197	3,289	1,450,278	374,052	3,624,068	6,311,158	4	5.3	13,207	4	3.2
Exeter	104	1,507,485	106	1,290	582,756	80,757	1,539,743	2,537,896	10	2.1	4,922	14	1.2
Farmington	57	393,509	64	505	189,281	14,918	442,365	736,819	23	0.6	2,265	26	0.5
Franklin	92	1,975,868	101	1,291	493,773	83,301	803,545	1,708,889	14	1.4	5,846	12	1.4
Greenville	15	728,004	13	477	167,501	30,362	446,029	685,010	24	0.6	1,608	29	0.4
Haverhill	44	257,007	46	170	63,103	8,940	215,528	334,519	28	0.3	3,414	18	0.8
Keene	160	2,305,729	163	1,832	842,378	131,557	1,682,221	3,083,149	9	2.6	9,165	6	2.2
Laconia	139	1,964,510	147	1,682	641,306	113,970	1,293,192	2,389,202	12	2.0	8,042	9	2.0
Lancaster	52	304,204	68	195	86,669	39,586	272,433	507,298	27	0.4	3,190	19	0.8
Lebanon	80	1,351,326	96	747	277,398	41,659	887,600	1,534,628	15	1.3	4,965	13	1.2
Littleton	71	670,392	81	675	215,877	27,103	568,993	952,829	20	0.8	4,066	15	1.0
Manchester	577	22,426,125	605	19,032	7,030,966	1,548,205	14,755,640	26,607,600	1	22.4	56,987	1	13.8
Milford	77	856,565	91	646	276,876	74,915	524,790	1,027,824	19	0.9	3,739	16	0.9
Nashua	251	9,587,390	253	6,442	2,633,398	574,497	6,470,716	11,037,676	2	9.3	23,898	2	5.8
Newmarket	29	1,261,519	29	790	267,124	57,884	575,577	1,044,793	18	0.9	2,892	22	0.7
Newport	63	610,424	70	737	278,771	39,781	789,017	1,274,829	16	1.1	3,126	21	0.8
Pembroke	41	592,855	45	762	227,820	11,310	417,418	775,563	22	0.7	3,183	20	0.8
Peterboro	43	643,599	45	364	133,462	20,469	285,982	531,346	26	0.4	2,527	23	0.6
Pittsfield	51	564,373	56	601	224,213	16,562	625,112	1,092,069	17	0.9	2,129	27	0.5
Portsmouth	176	4,167,545	189	1,809	884,309	851,647	2,204,376	4,813,138	6	4.1	10,637	5	2.6
Rochester	96	2,095,788	111	1,913	741,215	127,905	2,555,818	3,812,512	7	3.2	8,466	8	2.0
Somersworth	83	3,133,909	89	2,720	806,320	185,680	2,062,927	3,605,666	8	3.0	7,023	10	1.7
Tilton	41	180,622	45	219	90,663	13,097	153,484	326,055	29	0.3	1,926	28	0.5
Winchester	34	551,793	38	350	144,878	27,103	488,512	787,829	21	0.7	2,274	25	0.5
Wolfeboro	32	343,456	43	276	114,595	20,163	394,326	586,210	25	0.5	2,390	24	0.6
Total for state exclusive of urban manufactures	1,597	21,176,044	1,791	13,484	5,141,848	893,954	13,725,445	24,684,776	-------	20.8	181,102	-------	44.0
Per cent of urban manufactures to total for state	65.8	79.0	65.1	80.9	81.4	85.9	79.3	79.2	-------	-------	56.0	-------	-------

Of the 4,671 establishments in the state, 3,074, or 65.8 per cent, are located in these 29 cities and towns. The capital reported for these establishments is $79,753,617, or 79 per cent of that for the entire state. They furnished employment to 56,935 wage-earners, or 80.9 per cent of the total number; paid $22,478,399 in wages, or 81.4 per cent of the total amount; and the value of their products, $94,024,532, formed 79.2 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Manchester and Nashua by specified industries.

Table 9 shows the totals for all industries in the cities and towns withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	4,671	$100,929,661	$10,108,063	$14,411,744	$25,919,073	$50,490,781	5,127	2,193	$2,290,210	70,419	$27,620,247
2	Belknap	249	2,809,754	248,260	354,435	750,467	1,456,592	266	84	77,149	2,677	1,001,837
3	Carroll	163	1,223,802	335,910	121,540	208,444	557,908	188	21	15,243	830	314,332
4	Cheshire	398	5,701,272	451,733	952,024	1,429,923	2,867,592	438	185	161,377	4,320	1,817,374
5	Coos	278	10,471,801	2,089,816	1,308,959	3,050,519	4,022,507	321	125	147,836	3,615	1,488,854
6	Grafton	477	7,090,272	1,831,066	879,020	1,460,749	2,919,437	523	179	156,685	3,495	1,264,185
7	Hillsboro	1,173	36,780,788	2,500,072	4,615,192	10,017,222	19,648,302	1,251	680	784,150	28,925	11,019,768
8	Merrimack	664	10,916,634	944,995	1,644,064	2,843,269	5,484,306	751	301	289,041	8,164	3,420,441
9	Rockingham	545	9,172,974	706,469	2,134,908	2,093,296	4,238,301	597	249	257,376	6,448	2,740,331
10	Strafford	478	13,800,876	774,204	1,933,219	3,058,907	8,034,546	527	247	281,321	9,552	3,594,109
11	Sullivan	246	2,961,488	225,538	468,383	1,006,277	1,261,290	270	122	120,032	2,393	959,016

TABLE 7.—MANUFACTURES BY

1	All industries	4,671	$100,929,661	$10,108,063	$14,411,744	$25,919,073	$50,490,781	5,127	2,193	$2,290,210	70,419	$27,620,247
2	Agricultural implements	12	112,003	6,870	16,600	27,000	61,533	15	4	2,300	45	16,626
3	Awnings, tents, and sails	4	3,850	400	800	650	2,000	4			7	2,375
4	Baskets, and rattan and willow ware	4	20,320	1,000	7,300	5,500	6,520	6			28	10,872
5	Bicycle and tricycle repairing	65	66,950	2,810	3,190	24,420	36,530	77	1	800	37	15,147
6	Blacksmithing and wheelwrighting	538	613,433	63,553	162,254	148,024	239,602	563	1	450	373	192,545
7	Bookbinding and blank book making	7	64,400			6,000	58,400	6	1	300	15	5,953
8	Boot and shoe cut stock	10	44,965	1,360	9,140	6,265	28,200	13	3	2,050	220	73,582
9	Boot and shoe findings	7	161,338	9,400	26,340	69,650	55,948	7	7	7,200	189	60,326
10	Boots and shoes, custom work and repairing.	193	80,602	3,230	9,150	29,666	38,556	197			137	60,561
11	Boots and shoes, factory product	67	8,123,481	124,187	473,961	1,063,569	6,461,764	86	362	357,046	12,007	4,971,954
12	Bottling	48	206,823	18,650	28,450	75,381	84,342	59	8	4,163	147	80,145
13	Boxes, fancy and paper	16	151,082	3,900	9,300	58,745	79,137	20	11	5,760	214	70,889
14	Boxes, wooden packing	31	546,955	28,250	68,400	142,441	307,864	41	23	15,801	712	282,898
15	Bread and other bakery products	116	278,864	30,350	60,800	73,987	113,727	131	32	14,618	338	167,928
16	Brick and tile	55	655,713	166,900	113,953	111,120	263,740	71	34	17,746	591	227,615
17	Brooms and brushes	8	71,025	3,475	3,050	7,150	57,350	6	15	13,908	79	22,594
18	Carpentering	231	622,439	45,000	96,230	96,052	385,157	256	6	4,004	1,313	661,565
19	Carriage and wagon materials	6	211,826	8,134	32,194	43,042	128,456	6	9	8,516	120	60,355
20	Carriages and wagons	73	1,102,675	164,390	202,460	115,845	619,980	82	26	22,583	507	264,919
21	Cars and general shop construction and repairs by steam railroad companies.	9	850,873	130,808	207,412	265,003	247,650		30	24,201	966	516,990
22	Charcoal	4	1,742	150	50	152	1,390	8			2	673
23	Cheese, butter, and condensed milk, factory product.	53	811,308	15,725	128,414	86,816	80,353	27	34	11,490	119	58,323
24	Cleansing and polishing preparations	4	17,581	1,100	800	4,150	11,531	2	14	7,600	12	4,731
25	Clothing, men's, custom work and repairing.	129	271,256	4,420	14,200	30,587	222,049	146	17	9,308	587	213,676
26	Clothing, men's, factory product	9	258,834	6,300	31,776	11,976	208,782	13	25	20,572	245	68,989
27	Clothing, women's, dressmaking	209	91,292	7,559	18,536	21,213	43,984	225	2	860	407	119,447
28	Clothing, women's, factory product	5	146,762	4,200	18,135	19,272	105,155		23	25,689	434	134,027
29	Confectionery	18	22,288	3	50	9,025	13,210	19	1	600	47	18,222
30	Cooperage	23	687,063	71,350	164,971	102,030	348,712	25	19	13,420	758	291,583
31	Cotton goods	23	29,261,835	1,302,874	4,875,217	10,007,368	13,576,376		175	370,777	20,454	6,759,422
32	Cutlery and edge tools	6	319,713	7,300	46,510	26,900	239,003	9	21	26,196	357	164,102
33	Dyeing and cleaning	9	8,525			5,050	3,475	9	2	606	12	5,031
34	Dyeing and finishing textiles	5	883,704	61,000	153,000	173,500	496,204	4	21	23,900	1,028	451,960
35	Electrical apparatus and supplies	5	183,233	400	3,800	98,870	80,163	3	11	7,056	94	32,956
36	Electrical construction and repairs	8	14,675	25	150	2,100	12,400	8	1	300	24	12,817
37	Flavoring extracts	6	17,475	400	1,000	1,784	14,291	5			5	2,748
38	Flouring and grist mill products	149	1,004,990	106,260	222,240	200,740	475,750	189	15	10,688	185	82,214
39	Foundry and machine shop products	87	2,894,474	385,055	528,671	721,229	1,259,519	76	132	133,703	1,979	945,154
40	Fruits and vegetables, canning and preserving.	3	21,642	150	1,600	9,542	10,350	6	1	600	19	5,957
41	Furniture, cabinetmaking, repairing, and upholstering.	48	69,526	4,525	6,450	13,370	45,181	52	3	991	68	33,871
42	Furniture, factory product	24	733,965	30,350	136,691	128,782	438,142	22	45	33,549	570	223,948
43	Gas, illuminating and heating	13	1,518,718	136,500	336,200	845,251	200,767		35	25,409	121	59,780
44	Gloves and mittens	6	351,492	21,200	33,200	25,975	271,117	5	7	9,150	243	82,080
45	Hairwork	3	3,550			225	3,325	3			10	4,066
46	Hand stamps	8	4,280		150	3,600	530	3			2	676
47	Hardware, saddlery	3	182,061	5,000	25,000	38,000	114,061	6	13	13,400	134	62,744
48	Hosiery and knit goods	22	2,525,286	208,756	374,085	656,251	1,286,194	16	51	58,011	2,492	790,558
49	Leather, tanned, curried, and finished	12	1,900,277	95,695	224,824	179,833	1,399,925	14	51	54,275	552	219,292
50	Liquors, malt	5	2,047,576	97,000	1,084,844	443,599	422,133		34	64,578	280	185,300
51	Lock and gun smithing	17	14,470	475	1,675	8,650	3,670	17			7	3,190
52	Looking-glass and picture frames	12	20,485	50	1,750	2,985	15,700	15	1	600	15	7,692
53	Lumber and timber products	553	11,382,114	4,200,128	789,710	2,175,982	4,216,294	681	112	91,167	4,188	1,654,965
54	Lumber, planing mill products, including sash, doors, and blinds.	57	1,142,201	111,725	196,194	235,683	598,599	70	49	82,686	871	373,556
55	Marble and stone work	36	491,836	141,675	48,364	121,058	180,739	38	23	21,860	511	253,650
56	Masonry, brick and stone	96	199,230	21,485	23,245	44,610	109,890	110	7	5,120	563	282,946

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
46,847	$20,704,590	21,921	$6,584,156	1,651	$331,501	$6,356,131	$481,504	$717,116	$4,801,718	$355,793	$66,348,594	$64,512,124	$1,836,470	$118,709,308	1
1,685	721,341	976	278,526	16	1,970	164,082	30,831	15,188	105,138	12,925	2,028,601	1,984,530	44,071	3,710,662	2
709	281,238	120	32,994	1	100	44,230	8,076	5,781	29,957	416	847,702	840,339	7,363	1,481,267	3
3,438	1,535,430	747	257,049	135	24,895	326,721	31,469	29,970	257,144	8,138	3,780,167	3,698,283	81,884	7,007,311	4
3,255	1,395,809	343	89,918	17	3,127	563,984	13,073	49,650	374,217	127,044	5,160,567	4,773,685	386,882	9,416,296	5
2,529	1,017,032	924	239,835	42	7,318	187,051	24,988	28,661	129,290	4,112	4,309,020	4,235,488	73,532	7,348,486	6
17,163	7,473,271	11,113	3,403,303	649	143,194	2,369,412	199,280	336,028	1,798,531	35,573	24,331,144	23,763,841	567,303	43,378,281	7
6,082	2,847,810	1,802	527,929	280	44,702	638,070	67,480	58,414	422,941	89,235	6,570,139	6,372,469	197,670	12,778,818	8
4,628	2,139,125	1,756	586,436	64	14,770	1,148,749	37,323	71,777	1,001,988	37,661	7,275,363	7,104,677	170,686	13,150,443	9
5,940	2,649,649	3,298	890,780	314	53,680	741,844	52,159	102,606	557,389	29,190	9,479,196	9,238,213	240,983	15,998,940	10
1,418	643,885	842	277,386	133	37,745	171,988	16,825	19,041	124,623	11,499	2,566,695	2,500,599	66,096	4,438,804	11

SPECIFIED INDUSTRIES: 1900.

46,847	$20,704,590	21,921	$6,584,156	1,651	$331,501	$6,356,131	$481,504	$717,116	$4,801,718	$355,793	$66,348,594	$64,512,124	$1,836,470	$118,709,308	1
44	16,326	1	300			3,485	300	359	2,776	50	22,364	20,574	1,790	79,891	2
6	1,850	1	525			643	475	53	55	60	3,876	3,792	84	9,600	3
27	10,772			1	100	701	386	123	192		7,103	6,925	178	28,211	4
37	15,147					8,227	5,948	323	1,956		39,565	38,252	1,313	99,289	5
373	192,545					34,420	21,689	4,226	8,259	246	269,963	250,812	19,151	913,783	6
8	4,228	7	1,725			3,866	1,398	135	733	1,600	10,381	10,166	215	26,600	7
148	59,294	53	11,138	19	3,150	2,880	601	135	2,144		82,099	80,921	1,178	191,340	8
93	35,401	95	24,825	1	100	5,766	1,418	493	3,855		60,735	58,094	2,641	169,127	9
135	59,635	2	926			15,262	11,713	443	2,591	515	78,492	75,886	2,606	249,337	10
7,755	3,540,273	3,866	1,334,143	386	97,538	453,706	32,530	17,289	398,957	4,930	16,569,725	16,497,944	71,781	23,405,558	11
147	80,145					18,854	7,525	1,558	9,771		473,362	469,429	3,933	746,559	12
55	24,086	159	46,803			10,867	3,531	782	6,129	425	137,594	134,455	3,139	262,193	13
677	277,744	16	3,328	19	1,826	31,612	4,210	4,103	22,949	350	510,916	508,472	2,444	979,758	14
284	153,628	47	13,125	7	1,175	30,042	18,606	2,147	9,289		469,529	453,248	16,281	859,638	15
587	227,012	2	399	2	204	26,287	4,210	4,719	15,858	1,500	146,675	11,546	135,129	537,752	16
45	15,644	30	6,425	4	525	4,350	1,326	389	2,605	30	65,604	65,462	142	165,957	17
1,313	661,565					86,036	7,429	5,396	14,083	59,128	1,000,451	996,601	3,850	2,202,150	18
120	60,355					12,597		1,608	10,989		80,754	75,544	5,210	183,911	19
505	264,099	2	820			40,864	3,227	5,778	30,939	920	278,691	270,652	8,039	754,426	20
966	516,990					36,763		5,013	31,750		523,347	508,567	14,780	1,101,301	21
2	673					8		6			994	994		2,530	22
99	52,562	19	5,611	1	150	21,229	1,112	1,980	18,127	10	1,226,388	1,208,718	17,670	1,467,503	23
6	3,281	6	1,450			6,475	320	47	6,108		12,587	12,237	350	39,605	24
172	96,797	414	116,799	1	80	36,611	25,748	1,603	8,870	390	290,033	286,277	3,756	709,112	25
24	13,882	220	55,032	1	75	18,413	660	897	9,020	7,836	253,300	251,832	1,468	418,324	26
7	2,703	400	116,744			16,383	13,376	421	2,386	200	102,344	99,729	2,615	361,103	27
25	14,630	409	119,397			7,576	720	460	6,396		324,991	322,000	2,991	519,735	28
27	12,552	20	5,670			5,297	3,535	189	1,558	15	58,276	56,764	1,512	119,230	29
716	284,453	12	2,600	30	4,530	26,426	400	4,403	21,123	500	319,886	309,761	10,125	812,773	30
9,229	3,599,509	10,362	2,996,626	863	163,287	1,502,420	1,500	314,357	1,173,856	12,707	11,960,102	11,533,340	426,762	22,998,249	31
333	158,530	23	5,385	1	187	16,997	300	2,499	12,035	2,163	113,118	110,713	2,405	365,581	32
10	4,406	2	625			2,124	1,784	15	375		3,513	2,613	900	18,310	33
789	394,919	239	57,041			111,478	250	14,478	96,750		636,469	561,968	74,501	1,328,319	34
53	22,331	41	10,625			3,704	1,850	354	1,500		81,614	81,114	500	181,793	35
24	12,817					1,027	934	48	845		17,301	17,164	137	41,382	36
5	2,748					1,079	375	60	644		11,976	11,778	198	29,615	37
185	82,214					33,084	8,721	8,033	16,330		2,201,909	2,191,548	10,361	2,505,936	38
1,927	930,344	51	14,610	1	200	198,077	10,838	19,184	159,922	8,133	1,211,887	1,151,690	60,197	3,049,334	39
11	4,700	8	1,257			270	250	20			21,111	19,944	1,167	29,964	40
60	31,485	8	2,386			7,070	4,372	593	2,092	13	60,732	59,415	1,317	146,736	41
511	209,751	44	11,040	15	3,157	52,655	4,750	3,383	44,447	75	321,447	315,694	5,753	734,428	42
121	59,780					129,992	45,206	14,732	70,054		85,939	80,876	5,063	355,794	43
140	55,329	89	24,959	14	1,792	10,728	50	1,678	9,000		171,302	169,838	1,464	296,557	44
4	1,986	6	2,080			1,338	1,276	27	35		2,858	2,815	43	10,450	45
1	468	1	208			500	228	7	265		2,022	1,977	45	5,975	46
129	61,184	5	1,560			19,233	3,600	182	15,451		163,175	158,921	4,254	355,304	47
890	339,032	1,514	434,417	88	17,109	175,118	11,625	9,892	139,061	14,540	1,319,170	1,290,001	29,169	2,592,829	48
521	209,728	31	9,564			145,003	1,400	6,445	133,523	3,635	2,053,367	2,042,593	10,774	2,664,942	49
280	185,300					778,198		36,003	742,195		599,144	560,198	38,946	1,955,628	50
7	3,190					1,344	1,016	88	240		4,719	4,316	403	19,160	51
10	5,892	5	1,800			3,121	1,488	165	1,468		19,003	18,863	140	50,269	52
4,106	1,637,309	70	15,961	12	1,695	238,129	10,410	57,513	158,931	11,275	4,927,399	4,926,458	941	9,218,310	53
856	368,492	15	5,064			65,879	7,307	8,744	49,828		924,587	918,792	5,795	1,590,510	54
510	253,375	1	275			23,508	1,546	1,388	14,307	6,267	142,037	133,799	8,238	564,654	55
563	282,946					54,885	2,305	1,279	7,896	43,405	227,837	226,382	1,455	707,209	56

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
57	Mattresses and spring beds	1	$28,900	$2,000	$6,000	$6,850	$14,050	6	1	$520	31	$12,497
58	Millinery, custom work	191	318,250	7,750	17,250	19,816	273,434	215	23	9,448	390	117,086
59	Mineral and soda waters	7	196,068	91,647	21,400	17,100	65,921	9	11	25,094	32	12,385
60	Monuments and tombstones	90	421,749	36,664	36,494	59,428	289,163	126	16	12,905	547	376,272
61	Musical instruments, pianos and materials.	4	262,745	7,200	44,145	37,019	174,381	8	16	17,268	235	99,668
62	Needles and pins	5	209,254	14,000	31,000	55,617	108,637	2	9	8,999	408	145,020
63	Optical goods	5	53,475			15,875	37,600	5	5	3,120	40	16,550
64	Painting, house, sign, etc	231	237,078	13,510	29,110	43,363	151,095	255	11	4,707	648	290,933
65	Paper and wood pulp	29	8,163,081	830,300	1,435,360	2,974,608	2,922,813	20	113	173,060	2,391	1,036,856
66	Paper hanging	7	2,699			724	1,975	8			7	3,890
67	Patent medicines and compounds	14	60,713	300	2,775	9,253	48,385	12	6	7,523	25	10,073
68	Paving and paving materials	13	65,421	8,350	3,280	16,424	37,367	12	5	3,210	125	59,277
69	Photography	74	172,898	7,213	22,000	63,185	80,500	82	3	725	150	53,765
70	Plastering and stuccowork	4	2,675	200		525	1,950	5			6	2,350
71	Plumbers' supplies	3	33,300			8,300	25,000	4	3	2,600	49	19,045
72	Plumbing, and gas and steam fitting	108	491,754	6,900	33,206	61,653	389,995	133	45	29,273	483	254,683
73	Printing and publishing, book and job	52	132,273	2,075	7,950	90,749	31,499	60	2	1,750	90	36,584
74	Printing and publishing, newspapers and periodicals.	75	1,018,753	103,179	103,700	467,622	344,252	74	65	63,084	571	261,871
75	Roofing and roofing materials	11	18,730	300	300	4,100	14,030	12	1	900	31	16,632
76	Saddlery and harness	106	335,778	32,950	25,510	35,392	241,926	111	2	643	201	93,344
77	Sausage	6	8,845	800	1,400	3,395	3,250	8			12	6,165
78	Sewing machine repairing	5	970			190	780	2	1	200	16	2,350
79	Ship and boat building, wooden	6	10,585	1,500	2,000	1,725	5,360	6			5	3,600
80	Soap and candles	13	24,810	3,125	8,075	7,370	6,240	15	1	900	14	5,890
81	Starch	4	8,100	925	5,000	1,725	450	7			4	1,465
82	Surgical appliances	4	16,800	700	4,100	4,900	7,100	5	1	260	26	8,930
83	Taxidermy	3	1,450	200	500	125	625	3			1	400
84	Tinsmithing, coppersmithing, and sheet-iron working.	52	157,507	17,825	35,150	26,630	77,902	60	1	600	92	44,814
85	Tobacco, cigars and cigarettes	42	147,199	4,275	11,000	5,280	126,644	48	4	2,150	284	146,342
86	Tools, not elsewhere specified	3	84,370	9,100	22,440	24,553	28,277	5	2	1,650	68	30,536
87	Toys and games	6	85,640	2,150	15,100	14,000	54,390	7	6	3,300	101	36,173
88	Trunks and valises	3	8,850	1,100	1,400	1,550	4,800	3			7	3,664
89	Upholstering materials	9	111,839	18,650	15,000	23,500	54,689	13			75	29,047
90	Vinegar and cider	30	83,732	4,523	30,715	37,634	10,860	30	16	4,394	21	7,711
91	Watch, clock, and jewelry repairing	127	100,295	4,175	11,325	40,130	44,665	138			103	52,407
92	Wirework, including wire rope and cable.	4	10,985			4,760	6,225	5			1	620
93	Wood, turned and carved	33	241,616	27,513	52,750	79,914	81,439	41	8	12,300	547	171,110
94	Woodenware, not elsewhere specified	3	35,279	3,000	4,000	11,756	16,523	2	1	780	18	6,909
95	Woolen goods	43	8,160,673	753,850	1,187,493	1,872,793	4,346,537	37	129	152,574	4,042	1,571,520
96	All other industries [1]	77	6,409,446	228,612	662,330	943,872	4,574,632	65	168	171,166	3,082	1,195,628

[1] Embraces axle grease, 1; belting and hose, leather, 1; bicycles and tricycles, 1; brass castings and brass finishing, 2; brassware, 1; buttons, 1; carpets, rag, 1; cars and general shop construction and repairs by street railroad companies, 1; cars, steam railroad, not including operations of railroad companies, 1; chemicals, 1; china decorating, 1; coffee and spice, roasting and grinding, 1; coffins, burial cases, and undertakers' goods, 1; druggists' preparations, not including prescriptions, 2; electroplating, 2; engraving and diesinking, 2; files, 1; fire extinguishers, chemical, 1; fish, canning and preserving, 1; food preparations, 2; fur goods, 1; glue, 2; grease and tallow, 1; hardware, 1; hats and caps, not including fur hats and wool hats, 1; hones and whetstones, 1; house furnishing goods, not elsewhere specified, 1; instruments, professional and scientific, 2; iron and steel, forgings, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; jewelry, 1;

TABLE 8.—MANUFACTURES IN CITIES

MANCHESTER.

1	All industries	577	$22,426,125	$1,708,846	$2,417,374	$6,122,417	$12,177,488	605	344	$456,258	19,032	$7,030,966
2	Bicycle and tricycle repairing	9	6,410			3,285	3,125	11			9	3,990
3	Blacksmithing and wheelwrighting	29	25,800	375	2,700	8,750	13,975	31	1	450	60	33,803
4	Boots and shoes, custom work and repairing.	52	17,539			6,080	11,459	52			58	30,523
5	Boots and shoes, factory product	6	1,169,181			153,217	1,015,964	7	92	96,115	2,002	837,292
6	Bottling	20	49,406	5,500	7,050	12,256	24,600	25	1	600	52	27,834
7	Bread and other bakery products	31	83,125	1,000	1,000	11,800	19,325	37	2	975	81	37,975
8	Carpentering	25	174,736	12,640	12,810	15,895	133,391	27			354	170,101
9	Carriages and wagons	9	247,549	54,550	32,750	13,500	146,749	9	12	7,358	110	56,297
10	Clothing, men's, custom work and repairing.	32	68,395			9,970	58,425	35	9	4,194	153	60,011
11	Clothing, women's, dressmaking	63	20,662	1,250	2,300	4,772	12,340	67			121	41,001
12	Cotton goods	4	12,699,055	840,000	1,490,800	4,510,500	5,857,755		49	143,500	10,616	3,553,413
13	Foundry and machine shop products	9	556,613	152,000	63,000	139,549	202,064	7	17	23,230	422	202,305
14	Furniture, cabinetmaking, repairing, and upholstering.	10	26,950	2,500	2,000	2,980	19,470	10	1	300	26	14,155
15	Hairwork	3	3,550			225	3,325	3			10	4,066
16	Hosiery and knit goods	4	671,595	74,756	47,638	168,049	381,152	2	17	18,550	562	188,041
17	Leather, tanned, curried, and finished	4	313,476	40,000	50,000	56,300	167,176	4	6	8,632	61	23,050
18	Lock and gun smithing	4	1,000			450	550	4			3	1,850
19	Looking-glass and picture frames	4	2,970			470	2,500	6			2	940
20	Lumber and timber products	5	135,135	48,725	4,110	15,700	66,600	7			37	17,420
21	Lumber, planing mill products, including sash, doors, and blinds.	5	255,805	43,500	79,344	42,892	85,069	4	6	4,374	115	57,997

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
23	$10,131	7	$2,280	1	$86	$1,646	$559	$202	$885		$29,488	$27,747	$1,741	$53,121	57
2	1,954	386	115,014	2	118	58,259	40,945	2,397	9,812	$105	405,849	401,781	4,068	770,379	58
30	11,362	2	1,023			69,051	636	672	67,743		71,070	70,596	474	210,108	59
547	376,272					46,902	6,248	1,876	11,217	27,561	249,337	241,421	7,916	858,391	60
235	99,668					10,995	1,000	698	9,297		98,775	97,995	780	393,257	61
231	99,263	177	45,757			5,825	225	968	4,632		27,925	25,483	2,442	261,822	62
30	13,439	10	3,111			5,543	1,750	113	3,680		29,527	29,247	280	67,190	63
648	290,933					22,351	14,358	1,158	5,923	912	198,889	195,432	3,457	726,238	64
2,223	988,936	168	47,920			539,955	1,910	50,995	365,898	121,152	3,953,334	3,451,769	501,565	7,244,733	65
7	3,890					368	269	31	68		3,548	3,516	32	12,009	66
16	7,779	9	2,294			62,382	953	329	61,100		27,208	26,803	405	166,797	67
125	59,277					1,972	511	451	1,010		33,764	31,943	1,821	143,834	68
55	29,269	89	22,096	6	2,400	21,835	13,576	747	5,165	2,347	69,703	67,369	2,334	246,662	69
5	1,750	1	600			151	114	2	35		1,888	1,855	33	7,300	70
49	19,045					1,145	795		350		37,060	35,420	1,640	65,241	71
482	254,583			1	100	37,540	21,182	3,259	12,009	1,090	631,855	627,443	4,412	1,176,336	72
72	31,851	17	4,583	1	150	9,119	5,483	822	2,444	370	38,636	35,624	3,012	133,116	73
395	196,346	170	64,548	6	977	63,072	16,517	5,285	38,845	2,425	166,524	152,412	14,112	752,560	74
31	16,632					1,408	770	135	503		24,756	24,321	435	57,140	75
192	90,357	9	2,987			24,307	9,819	1,783	12,610	95	181,077	177,657	3,420	388,301	76
11	5,865	1	300			698	340	81	277		28,273	27,990	283	43,060	77
16	2,350					289	258	4	27		1,264	1,250	14	6,100	78
5	3,600					368	110	41	217		2,625	2,475	150	9,793	79
14	5,890					1,539	214	195	1,130		14,293	13,393	900	34,023	80
4	1,465					425		60	365		14,387	14,047	340	18,500	81
20	7,340	6	1,590			483	98	125	260		4,948	4,863	85	22,400	82
1	400					84	60	12	12		240	215	25	1,900	83
91	44,214	1	600			9,905	5,258	1,413	3,234		88,395	86,598	1,797	187,540	84
235	132,381	46	13,451	3	510	46,314	5,684	640	39,990		275,569	274,217	1,352	549,698	85
53	25,800	13	4,296	2	440	6,203	60	418	5,725		20,272	19,202	1,070	66,221	86
69	28,535	28	7,075	4	563	15,996	68	319	15,609		71,193	69,125	2,068	135,863	87
7	3,664					656	420	115	121		6,214	6,130	84	11,790	88
75	29,047					7,425	575	715	6,135		64,189	64,149	40	123,293	89
21	7,711					4,950	150	539	4,261		38,237	37,319	918	82,712	90
100	51,570	2	733	1	104	16,446	11,605	625	3,966	250	40,503	38,767	1,736	182,040	91
1	620					1,144	327	32	785		4,205	4,191	14	10,289	92
544	170,804	1	100	2	206	13,504	1,892	1,848	9,264	500	199,547	196,906	2,641	489,348	93
18	6,909					1,514	700	134	680		5,008	4,588	420	22,354	94
2,657	1,131,594	1,299	423,829	86	16,097	346,316	5,756	39,490	301,070		4,741,396	4,613,995	127,401	7,624,062	95
1,829	826,057	1,183	356,701	70	12,870	360,441	14,885	32,142	295,346	18,068	3,743,860	3,628,406	115,454	6,120,253	96

jewelry and instrument cases, 1; kaolin and other earth grinding, 1; kindling wood, 1; labels and tags, 1; lasts, 1; leather goods, 2; linen goods, 1; liquors, distilled, 1; liquors, vinous, 1; musical instruments and materials, not specified, 1; musical instruments, organs and materials, 1; paper goods, not elsewhere specified, 1; perfumery and cosmetics, 2; pickles, preserves, and sauces, 1; pipes, tobacco, 1; pocketbooks, 1; pottery, terra cotta, and fire-clay products, 2; printing materials, 1; refrigerators, 1; saws, 2; sewing machines and attachments, 1; shirts, 1; shoddy, 2; silk and silk goods, 2; silverware, 1; slaughtering and meat packing, wholesale, 1; sporting goods, 2; stationery goods, not elsewhere specified, 1; sugar and molasses, refining, 1; wheelbarrows, 1; worsted goods, 2.

BY SPECIFIED INDUSTRIES: 1900.

MANCHESTER.

10,302	$4,410,687	8,236	$2,511,181	494	$109,098	$1,548,205	$136,448	$236,948	$1,161,916	$12,893	$14,755,640	$14,383,556	$372,084	$26,607,600	1
9	3,990					1,279	1,086	20	173		5,098	4,788	310	16,870	2
60	33,803					4,581	3,930	92	509		25,352	23,557	1,795	87,454	3
57	29,911	1	612			2,764	2,219	50	495		16,995	16,407	588	75,774	4
1,320	617,726	620	206,230	62	13,336	76,135	9,441	2,139	64,555		2,904,050	2,891,970	12,080	4,052,204	5
52	27,834					5,780	3,053	338	2,389		201,466	200,015	1,451	286,502	6
63	32,186	17	5,664	1	125	5,392	4,424	213	755		138,717	135,521	3,196	219,378	7
354	170,101					8,243	1,549	2,481	4,213		257,624	257,006	618	523,416	8
108	55,477	2	820			6,777	1,187	892	4,698		52,077	51,125	952	165,965	9
55	32,563	98	27,448			10,649	8,561	340	1,648	100	70,265	69,619	646	180,037	10
		121	41,001			3,443	2,949	40	319	135	25,476	25,032	444	99,711	11
4,685	1,785,654	5,578	1,687,116	353	80,643	807,389		168,456	638,933		5,849,329	5,655,321	194,008	11,723,508	12
412	199,905	10	2,400			22,090	4,830	6,177	11,083		241,876	233,560	8,316	511,208	13
22	12,669	4	1,486			1,905	1,176	220	509		24,997	24,586	411	51,256	14
4	1,986	6	2,080			1,338	1,276	27	35		2,858	2,815	43	10,450	15
178	68,947	363	114,294	21	4,800	73,579	5,000	1,695	63,384	3,500	483,644	476,442	7,202	834,343	16
61	23,050					18,783	1,400	1,113	12,635	3,635	423,143	419,822	3,321	499,184	17
3	1,850					220	208	2	10		781	740	41	4,800	18
2	940					1,364	806	33	525		8,687	8,647	40	15,500	19
37	17,420					5,915		1,230	1,285	3,400	97,364	97,328	36	165,780	20
115	57,997					15,715	150	2,857	12,708		116,679	115,829	850	213,024	21

TABLE 8.—MANUFACTURES IN CITIES

MANCHESTER—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES AND TOWNS.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
22	Marble and stone work	7	$31,900	$4,500	$800	$7,900	$18,700	8	7	$5,000	35	$20,982
23	Masonry, brick and stone	12	16,850	900	3,200	5,150	7,600	14			39	19,085
24	Millinery, custom work	28	68,740			3,390	65,350	33	2	720	112	36,520
25	Painting, house, sign, etc	24	46,097	5,000	5,000	6,487	29,610	29	3	1,730	134	63,314
26	Photography	9	11,950			7,675	4,275	10	2	350	13	6,951
27	Plumbing, and gas and steam fitting	29	155,314		1,206	16,828	137,280	31	18	12,715	123	64,056
28	Printing and publishing, book and job	13	29,125			19,350	9,775	13			30	14,100
29	Printing and publishing, newspapers and periodicals.	7	310,570	75,000	45,000	91,250	99,320	3	22	23,757	139	80,500
30	Roofing and roofing materials	4	5,900			1,300	4,600	5			16	8,750
31	Saddlery and harness	10	34,534			3,675	30,859	11	1	468	59	29,343
32	Sausage	4	4,945			3,095	1,850	6			11	5,215
33	Tinsmithing, coppersmithing, and sheet-iron working.	4	11,625			3,625	8,000	4			21	8,800
34	Tobacco, cigars and cigarettes	15	102,150	3,900	10,600	1,125	86,525	19	1	650	187	96,469
35	Watch, clock, and jewelry repairing	18	10,675			3,950	6,725	20			24	14,315
36	Wood, turned and carved	3	90,577	16,500	21,000	19,577	33,500	1	5	9,300	356	95,442
37	All other industries[1]	62	5,016,221	321,250	535,066	751,400	3,408,505	50	69	93,290	2,879	1,105,060

[1] Embraces awnings, tents, and sails, 1; baskets, and rattan and willow ware, 1; bookbinding and blank book making, 1; boot and shoe cut stock, 1; boxes, fancy and paper, 1; boxes, wooden packing, 1; brass castings and brass finishing, 1; brooms and brushes, 1; carpets, rag, 1; cars and general shop construction and repairs by steam railroad companies, 1; cars and general shop construction and repairs by street railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; china decorating, 1; clothing, women's, factory product, 1; coffee and spice, roasting and grinding, 1; coffins, burial cases, and undertakers' goods, 1; confectionery, 2; cooperage, 1; dyeing and cleaning, 2; dyeing and finishing textiles, 1; electrical apparatus and supplies, 2; electrical construction and

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1	All industries	251	$9,587,390	$385,900	$1,313,989	$2,720,856	$5,166,645	253	207	$204,657	6,442	$2,633,398
2	Bicycle and tricycle repairing	6	3,215			1,515	1,700	7	1	300	5	2,085
3	Blacksmithing and wheelwrighting	12	9,075			4,800	4,275	13			16	10,154
4	Boots and shoes, custom work and repairing.	19	4,110			2,600	1,510	19			4	1,565
5	Bottling	4	23,800	1,000	2,000	10,800	10,000	5			18	9,400
6	Bread and other bakery products	10	47,000	6,500	13,000	13,250	14,250	9	3	2,800	59	31,790
7	Carpentering	11	49,350	1,100	6,000	14,350	27,900	11	1	550	71	41,305
8	Clothing, men's, custom work and repairing.	9	27,087			2,723	24,364	11	2	1,200	50	19,410
9	Clothing, women's, dressmaking	20	4,544	500	1,000	1,817	1,227	21	1	360	55	15,536
10	Confectionery	5	7,400			3,400	4,000	5			15	6,210
11	Foundry and machine shop products	12	692,713	85,800	125,169	139,101	342,643	7	38	35,927	567	255,172
12	Furniture, factory product	4	82,700	8,500	22,800	13,600	37,800	2	4	2,453	46	18,093
13	Lock and gun smithing	3	2,025			1,500	525	3				
14	Lumber, planing mill products, including sash, doors, and blinds.	3	309,734	25,000	29,000	56,981	198,753	5	11	9,450	264	101,528
15	Masonry, brick and stone	12	36,250	11,600	1,520	12,930	10,200	11	2	2,000	164	85,100
16	Mattresses and spring beds	3	28,400	2,000	6,000	6,850	13,550	5	1	520	27	11,497
17	Millinery, custom work	20	32,475			2,875	29,600	22	8	2,860	63	15,985
18	Monuments and tombstones	3	10,900	500	3,100	1,100	6,200	5			10	6,400
19	Painting, house, sign, etc	19	21,055			4,410	16,645	21	2	800	81	36,655
20	Patent medicines and compounds	3	19,425			625	18,800	2	3	6,215	7	2,723
21	Paving and paving materials	3	8,850			1,250	7,600	3	1	500	22	8,875
22	Photography	6	4,775			4,250	525	6			6	2,200
23	Plumbing, and gas and steam fitting	9	39,025			7,575	31,450	11	7	5,303	59	31,231
24	Printing and publishing, book and job	4	8,100			6,200	1,900	5			9	3,525
25	Printing and publishing, newspapers and periodicals.	3	58,400		100	29,500	28,800	1	5	5,504	32	16,342
26	Saddlery and harness	3	6,650			550	6,100	3			5	3,000
27	Tobacco, cigars and cigarettes	6	11,034			1,275	9,759	7	2	500	39	23,521
28	Watch, clock, and jewelry repairing	5	2,025			1,500	525	5			5	3,820
29	All other industries[1]	34	8,037,273	243,400	1,104,300	2,373,529	4,316,044	28	115	127,415	4,741	1,870,276

[1] Embraces baskets, and rattan and willow ware, 1; boots and shoes, factory product, 2; boxes, fancy and paper, 1; boxes, wooden packing, 1; carriages and wagons, 1; cars and general shop construction and repairs by steam railroad companies, 1; clothing, men's, factory product, 1; cooperage, 1; cotton goods, 2; cutlery and edge tools, 1; dyeing and cleaning, 2; electrical construction and repairs, 1; flouring and grist mill products, 1; gas, illuminating and heating, 1; hand stamps, 1;

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and towns	2,246	$47,740,102	$3,938,397	$7,805,765	$12,076,490	$23,919,450	2,478	1,128	$1,131,767	31,461	$12,814,035
2	Berlin	69	7,572,021	1,301,533	889,750	2,504,290	2,876,448	75	71	93,295	2,705	1,061,795
3	Claremont	89	1,767,883	126,075	312,757	655,814	673,237	91	68	71,478	1,428	579,624
4	Concord	298	4,811,982	441,162	699,897	1,075,941	2,594,982	355	162	144,051	3,101	1,612,966
5	Derry	26	344,504	18,150	39,250	54,437	232,667	29	11	11,250	887	359,089
6	Dover	184	6,784,230	464,770	1,076,639	1,376,908	3,865,913	197	109	142,989	3,289	1,450,278
7	Exeter	104	1,507,485	99,146	222,527	404,631	781,181	106	43	39,265	1,290	582,756
8	Farmington	57	393,509	11,440	60,625	97,828	223,616	64	12	7,401	505	189,281
9	Franklin	92	1,975,868	191,350	412,784	474,742	896,992	101	32	45,294	1,291	493,773
10	Greenville	15	728,004	24,225	162,305	184,575	356,899	13	5	7,609	477	167,501
11	Haverhill	44	257,007	76,700	83,925	34,430	61,952	46	20	4,730	170	63,103

BY SPECIFIED INDUSTRIES: 1900—Continued.

MANCHESTER—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
35	$20,982					$1,449	$191	$140	$1,068	$50	$20,305	$19,745	$560	$58,800	22
39	19,085					805	320	72	413		14,757	14,587	170	44,251	23
2	779	110	$35,741			15,809	12,832	540	2,367	70	102,298	101,789	509	196,614	24
134	63,314					4,822	2,535	278	2,009		49,605	49,276	329	149,188	25
10	6,046	3	905			3,787	3,157	44	586		12,967	12,937	30	82,850	26
123	64,056					9,749	6,528	669	2,552		150,164	149,240	924	281,256	27
23	11,900	6	2,050	1	$150	2,951	2,105	199	562	85	11,439	10,577	862	88,639	28
113	60,004	26	20,496			24,974	3,582	2,011	17,656	1,725	48,196	44,483	3,713	213,712	29
16	8,750					378	235	63	80		9,391	9,190	201	24,100	30
57	27,627	2	1,716			2,883	1,736	201	946		40,244	39,852	392	89,442	31
10	4,915	1	300			578	340	31	207		25,908	25,700	208	37,460	32
20	8,200	1	600			1,774	1,140	70	564		13,330	12,981	349	28,650	33
144	83,559	42	12,760	1	150	29,086	2,593	422	26,071		226,992	226,362	630	400,538	34
24	14,315					1,863	1,357	63	318	125	7,461	7,327	134	82,720	35
356	95,442					4,194	600	891	2,703		135,949	135,399	550	310,476	36
1,599	747,704	1,225	347,462	55	9,894	369,812	43,952	42,839	282,953	68	2,940,156	2,813,981	126,175	4,932,540	37

repairs, 1; electroplating, 1; engraving and diesinking, 2; fire extinguishers, chemical, 1; flavoring extracts, 1; fur goods, 1; furniture, factory product, 1; gas, illuminating and heating, 1; grease and tallow, 1; hand stamps, 1; hardware, 1; jewelry, 1; leather goods, 1; liquors, malt, 1; mineral and soda waters, 1; monuments and tombstones, 2; needles and pins, 2; optical goods, 2; paper and wood pulp, 2; paper hanging, 2; patent medicines and compounds, 1; paving and paving materials 2; plastering and stuccowork, 2; sewing machine repairing, 2; shirts, 1; sugar and molasses, refining, 1; taxidermy, 1; trunks and valises, 1; worsted goods, 1.

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4,221	$1,931,675	2,134	$679,626	87	$22,097	$574,497	$45,759	$67,332	$461,003	$403	$6,470,716	$6,353,233	$117,483	$11,037,676	1
5	2,085					982	704	43	235		5,207	4,930	277	12,945	2
16	10,154					2,231	1,966	100	165		7,382	6,892	490	31,700	3
4	1,565					1,039	961	3	75		4,535	4,286	249	16,320	4
18	9,400					1,960	1,120	149	691		56,185	55,985	200	102,140	5
59	31,790					3,567	1,224	511	1,832		74,250	71,250	3,000	138,180	6
71	41,305					1,193	584	82	527		19,856	19,633	223	79,571	7
16	8,752	34	10,658			4,336	2,619	139	1,578		18,407	18,155	252	59,630	8
		55	15,536			1,910	1,664	24	222		9,987	9,636	351	41,930	9
9	4,660	6	1,550			1,660	1,026	84	550		18,800	18,350	450	83,700	10
567	255,172					64,194	400	3,560	59,866	368	323,823	302,215	21,608	847,834	11
46	18,093					5,633	420	533	4,680		14,854	14,304	550	47,435	12
						359	304	20	35		892	800	92	3,550	13
264	101,528					24,686	3,000	2,591	19,095		277,096	277,096		445,500	14
164	85,100					433	128	212	93		9,358	9,261	97	118,730	15
20	9,431	6	1,980	1	86	1,542	475	192	875		26,887	25,362	1,525	48,721	16
		63	15,985			6,981	5,881	183	882	35	50,742	49,955	787	97,532	17
10	6,400					666	354	112	200		11,798	11,725	73	25,200	18
31	36,655					1,885	1,520	81	284		12,653	12,338	315	70,320	19
3	1,704	4	1,019			43,912	568	246	43,098		13,030	12,890	140	111,209	20
22	8,875					369	190	24	155		4,925	4,775	150	18,300	21
4	1,550	2	650			1,434	1,320	10	104		1,870	1,685	185	9,950	22
59	31,231					5,065	2,749	391	1,925		97,367	96,766	601	164,894	23
7	3,025	2	500			863	628	69	166		3,743	3,405	338	13,000	24
25	13,118	7	3,224			2,932	1,864	296	772		10,463	9,412	1,051	57,044	25
6	3,000					919	744	125	50		2,654	2,585	69	11,500	26
38	23,380	1	141			6,731	1,138	63	5,530		17,003	16,886	117	56,839	27
6	3,820					719	650	11	58		910	810	100	9,250	28
2,701	1,219,882	1,954	628,383	86	22,011	386,296	11,558	57,478	317,260		5,376,039	5,291,846	84,193	8,364,752	29

hardware, saddlery, 1; hosiery and knit goods, 1; house furnishing goods, not elsewhere specified, 1; iron and steel, forgings, 1; leather, tanned, curried, and finished, 1; liquors, vinous, 1; marble and stone work, 2; paper goods, not elsewhere specified, 1; paper hanging, 1; refrigerators, 1; roofing and roofing materials, 2; slaughtering and meat packing, wholesale, 1; tinsmithing, coppersmithing, and sheet-iron working, 1; woodenware, not elsewhere specified, 1.

TOWNS UNDER 20,000 IN POPULATION: 1900.

21,916	$10,065,181	8,792	$2,600,630	753	$148,274	$3,339,475	$237,623	$298,366	$2,505,119	$298,367	$31,396,793	$30,446,724	$950,069	$56,379,256	1
2,430	987,653	260	71,167	15	2,975	406,907	5,803	34,286	248,589	118,229	3,281,365	2,975,004	306,361	6,314,496	2
839	376,034	459	166,165	130	37,425	100,826	7,244	13,107	72,015	8,460	1,429,533	1,380,956	48,577	2,502,632	3
2,776	1,503,277	321	109,119	4	570	412,129	48,001	19,245	260,289	84,594	2,563,967	2,500,528	63,439	5,357,408	4
580	256,372	307	102,717			26,892	1,665	1,001	24,026	200	1,268,872	1,259,377	9,495	1,745,489	5
2,167	1,075,001	1,106	371,458	16	3,819	374,052	27,141	49,739	282,987	14,185	3,624,068	3,502,636	121,432	6,311,158	6
889	425,120	383	153,694	18	3,942	80,757	8,866	7,919	61,251	2,721	1,539,743	1,518,499	21,244	2,537,896	7
311	134,727	194	54,554			14,918	3,252	1,533	9,371	762	442,365	438,281	4,084	736,819	8
779	349,767	466	134,282	46	9,724	83,301	5,416	13,342	54,038	505	803,545	760,134	43,411	1,708,889	9
322	123,799	135	40,203	20	3,499	30,362	1,305	8,088	20,934	35	446,029	423,188	22,841	685,010	10
162	61,528	7	1,455	1	120	8,940	1,236	1,554	6,150		215,528	210,385	5,143	334,519	11

TABLE 9.—MANUFACTURES IN CITIES AND

	Cities and towns.	Number of establishments.	Capital.					Proprietors and firm members.	Salaried officials, clerks, etc.		Average number of wage-earners and total wages.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
12	Keene	160	$2,305,729	$132,738	$329,633	$573,194	$1,270,164	168	115	$98,536	1,832	$842,373
13	Laconia	139	1,964,510	141,167	257,975	513,847	1,051,521	147	42	49,193	1,682	641,306
14	Lancaster	52	303,204	27,650	42,481	80,896	152,177	63	12	10,840	195	86,669
15	Lebanon	80	1,351,326	212,025	269,691	338,238	531,372	96	45	39,430	747	277,398
16	Littleton	71	670,392	36,835	72,720	85,179	475,658	81	16	15,942	675	215,877
17	Milford	77	856,565	72,753	151,287	224,637	407,888	91	36	31,275	646	276,876
18	Newmarket	29	1,261,519	76,450	310,450	526,470	348,149	29	9	15,429	790	267,124
19	Newport	63	610,424	20,765	49,400	156,770	383,489	70	39	37,524	737	278,771
20	Pembroke	41	592,855	19,100	81,380	239,275	253,100	45	14	11,275	762	227,820
21	Peterboro	43	643,599	36,610	130,855	233,772	242,362	45	19	11,971	364	133,462
22	Pittsfield	51	564,373	44,565	80,425	175,276	264,107	56	13	10,013	601	224,213
23	Portsmouth	176	4,167,545	141,234	1,287,703	732,562	2,006,046	189	108	119,658	1,809	884,309
24	Rochester	96	2,095,788	126,320	224,175	338,073	1,407,220	111	65	59,689	1,913	741,215
25	Somersworth	83	3,133,909	21,139	398,306	769,500	1,944,964	89	24	24,468	2,720	806,320
26	Tilton	41	180,622	11,475	25,400	57,365	86,382	45	11	8,239	219	90,663
27	Winchester	34	551,793	30,550	105,490	114,688	301,065	38	13	11,000	350	144,878
28	Wolfeboro	32	343,456	32,470	27,935	53,152	229,899	43	14	9,923	276	114,595

TOWNS UNDER 20,000 IN POPULATION: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
1,453	$718,452	350	$118,397	29	$5,524	$131,557	$24,676	$9,841	$96,820	$220	$1,682,221	$1,644,837	$37,384	$3,083,149	12
1,071	478,549	595	160,787	16	1,970	113,970	22,504	10,820	69,606	11,040	1,293,192	1,260,979	32,213	2,389,202	13
175	81,364	20	5,305	------	------	39,586	3,319	2,178	25,824	8,265	272,433	268,965	3,468	507,298	14
468	193,440	277	83,518	2	440	41,659	4,967	4,659	30,863	1,170	887,600	865,999	21,601	1,534,628	15
426	156,468	227	54,982	22	4,427	27,103	5,110	2,922	17,339	1,732	568,993	562,698	6,295	952,829	16
494	235,787	138	38,065	14	3,024	74,915	4,293	4,866	56,503	9,253	524,790	512,333	12,457	1,027,824	17
379	150,593	383	107,941	28	8,590	57,884	1,609	11,285	29,990	15,000	575,577	563,421	12,156	1,044,793	18
366	171,035	371	107,736	------	------	39,781	5,296	2,462	31,897	126	789,017	780,755	8,262	1,274,829	19
429	148,856	227	64,382	106	14,582	11,310	2,006	5,285	4,019	------	417,418	400,311	17,107	775,563	20
228	95,365	134	37,425	2	672	20,469	3,317	3,668	13,209	275	285,982	278,352	7,630	531,346	21
389	167,005	212	57,208	------	------	16,562	1,944	3,363	11,255	------	625,112	620,490	4,622	1,092,069	22
1,383	738,748	416	144,359	10	1,202	851,647	21,991	41,752	776,304	11,600	2,204,376	2,153,250	51,126	4,813,138	23
1,390	603,568	427	118,118	96	19,529	127,905	11,104	12,978	96,013	7,810	2,555,818	2,511,734	44,084	3,812,512	24
1,341	543,201	1,201	236,879	178	26,240	185,680	7,753	27,355	150,512	60	2,062,927	2,028,562	34,365	3,605,666	25
120	54,756	99	35,907	------	------	13,097	3,605	843	6,824	1,825	153,484	150,498	2,986	326,055	26
347	144,318	3	560	------	------	27,103	743	3,291	23,069	------	488,512	484,294	4,218	787,829	27
202	90,348	74	24,247	------	------	20,163	3,457	984	15,422	300	394,326	390,258	4,068	586,210	28

NEW JERSEY.

Table 1 shows the manufacturing and mechanical industries of the state of New Jersey as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	15,481	9,225	7,128	6,636	4,173	4,207	67.8	29.4	7.4	59.0	[1] 0.8
Capital	$502,824,082	$250,805,745	$106,226,593	$79,606,719	$40,521,048	$22,293,258	100.5	136.1	33.4	96.5	81.8
Salaried officials, clerks, etc., number	16,283	[2] 13,620	(3)	(3)	(3)	(3)	19.6				
Salaries	$19,688,946	[2] $13,834,618	(3)	(3)	(3)	(3)	42.3				
Wage-earners, average number	241,582	173,778	126,038	75,552	56,027	37,830	39.0	37.9	66.8	34.8	48.1
Total wages	$110,088,605	$32,944,118	$46,083,045	$32,648,409	$16,277,337	$9,364,740	32.7	80.0	41.1	100.6	73.8
Men, 16 years and over	181,879	131,370	86,787	58,115	43,198	29,068	38.4	51.4	49.3	34.5	48.6
Wages	$94,463,105	$72,333,325	(3)	(3)	(3)	(3)	30.6				
Women, 16 years and over	51,661	37,095	27,099	11,198	12,829	8,762	39.3	36.9	142.0	[1] 12.7	46.4
Wages	$14,281,265	$9,815,208	(3)	(3)	(3)	(3)	45.5				
Children, under 16 years	8,042	5,313	12,152	6,239	(3)	(3)	51.4	[1] 56.3	94.8		
Wages	$1,344,235	$795,585	(3)	(3)	(3)	(3)	69.0				
Miscellaneous expenses	$42,654,076	$18,458,052	(4)	(4)	(4)	(4)	131.1				
Cost of materials used	$360,945,843	$189,365,740	$165,285,779	$103,415,245	$41,429,100	$22,011,871	90.6	14.6	59.8	149.6	88.2
Value of products, including custom work and repairing	$611,748,933	$354,573,571	$254,380,236	$169,237,732	$76,306,104	$39,851,256	72.5	39.4	50.3	121.8	91.5
Total population	1,883,669	1,444,933	1,131,116	906,096	672,035	489,555	30.4	27.7	24.8	34.8	37.3
Wage-earners engaged in manufactures	241,582	173,778	126,038	75,552	56,027	37,830	39.0	37.9	66.8	34.8	48.1
Per cent of total population	12.8	12.0	11.1	8.3	8.3	7.7					
Assessed value of real estate	[5] $774,935,591	$562,375,791	$442,632,638	$448,832,127	$151,161,942	$153,151,619	37.8	27.1	[1] 1.4	196.9	[1] 1.3
Value of land and buildings invested in manufactures [6]	$118,767,360	$66,835,493	(3)	(3)	(3)	(3)	77.7				
Per cent of assessed value	15.3	11.9									

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[3] Not reported separately.
[4] Not reported.
[5] As given in the Tenth Annual Report of the State Board of Taxation of the state of New Jersey, for the year ending October 31, 1900, page 11.
[6] Does not include value of rented property.

Table 1 shows that there has been a large growth in the manufacturing and mechanical industries of New Jersey during the half century. The population during these years increased from 489,555 to 1,883,669, while the average number of wage-earners employed in manufacturing establishments increased from 37,830 to 241,582, embracing, in 1900, 12.8 per cent of the entire population, compared with 7.7 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 307,933, or 16.3 per cent of the total population of the state. The greatest percentage of increase in the value of products, 121.8, is shown for the decade ending with 1870, but the greatest absolute increase, $257,175,362, was between the years 1890 and 1900.

In the value of manufactured products New Jersey ranked sixth in the United States at the censuses of 1870, 1880, 1890, and 1900. Among the causes of the great development in productive industry, indicated in Table 1, are the exceptionally favorable geographical position of the state, and the transportation facilities furnished by the railroads which connect its manufacturing centers with the Hudson River, New York Bay, Staten Island Sound, and Raritan Bay. There are seven trunk-line railroad systems in the state, all having terminals close to New York Bay, the total mileage in 1899 being 2,242 miles.[1] It is necessary to transport the coal needed for manufacturing over comparatively short distances, the center of the anthracite coal district of Pennsylvania being but about fifty miles from the western border of the state, and one hundred and twenty-five miles from the eastern border. Much of the pig iron used by manufacturers comes from Morris and Warren counties, in the northern part of the state.[2] Four railroad lines connect this region with the chief manufacturing centers. The industrial growth of the state has been stimulated also by the proximity to the markets of New York city on the east and Philadelphia on the west.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for governmental establishments, educational, eleemosynary, and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

[1] Interstate Commerce Commission, Statistics of Railways in the United States, 1899, page 12.
[2] Report of the New Jersey Bureau of Statistics, 1895, page 13.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	17,680	$503,514,032	18,713	242,096	$110,128,062	$42,735,581	$361,135,755	$89,001,150	$256,457,216	$15,677,389	$612,423,738
Hand trades[1]	7,180	17,312,747	7,939	22,585	12,581,411	3,064,631	19,636,815	258,141	19,043,102	335,572	45,837,913
Governmental establishments	2	4,750		4	2,204	804	5,380	4,295	720	365	11,961
Educational, eleemosynary, and penal institutions	5	78,844		66	10,482	2,211	21,818		12,636	9,182	56,636
Establishments with a product of less than $500	2,192	606,356	2,275	444	26,771	78,490	162,714	12,929	149,785		606,208
All other establishments	8,301	485,511,335	8,499	218,997	97,507,194	39,589,445	341,309,028	88,725,785	237,250,973	15,332,270	565,911,020

[1] Includes bicycle and tricycle repairing, 390; blacksmithing and wheelwrighting, 1,183; boots and shoes, custom work and repairing, 969; carpentering, 889; clothing, men's, custom work and repairing, 632; clothing, women's, dressmaking, 550; dyeing and cleaning, 46; furniture, cabinetmaking, repairing, and upholstering, 215; lock and gun smithing, 63; masonry, brick and stone, 297; millinery, custom work, 303; painting, house, sign, etc., 678; paper hanging, 66; plastering and stuccowork, 34; plumbing, and gas and steam fitting, 639; sewing machine repairing, 12; taxidermy, 6; watch, clock, and jewelry repairing, 298.

Of the 17,680 establishments of all classes shown in this table, 9,372, or 53 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $46,444,121, or only 7.6 per cent of the total value of the products of the state.

In addition to the 17,680 active establishments in the state during the census year, with a capital of $503,514,032, shown in Table 2, there were 92 idle establishments, with a capital of $4,867,586, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Babbitt metal and solder	1	$17,400	Ice, manufactured	1	$39,500
Boots and shoes, factory product	1	18,800	Iron and steel	5	674,543
Boots and shoes, rubber	1	105,000	Leather, tanned, curried, and finished	3	25,300
Brick and tile	6	164,850	Lime and cement	1	500,000
Carpets and rugs, other than rag	2	24,000	Matches	1	20,000
Chemicals	1	30,225	Paving and paving materials	2	36,860
Electrical apparatus and supplies	2	365,000	Paper and wood pulp	2	48,852
Explosives	1	65,000	Pottery, terra cotta, and fire-clay products	5	120,967
Flouring and grist mill products	5	61,700	Saddlery and harness	1	13,500
Fruits and vegetables, canning and preserving	3	25,060	Shipbuilding, iron and steel	2	2,188,940
Glass	8	84,700	Silk and silk goods	11	57,810
Hats and caps, not including fur hats and wool hats	3	50,000	Worsted goods	1	63,539
Hosiery and knit goods	2	19,200	All other industries	21	46,840

TABLE 3.—COMPARATIVE SUMMARY OF FIFTEEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	1,780	$260,301,975	117,008	$52,825,741	$24,864,284	$141,610,284	$258,421,105
	1890	1,367	133,261,968	77,974	36,523,518	9,437,502	84,675,069	156,491,146
Increase, 1890 to 1900		413	127,040,007	39,034	16,302,223	15,426,782	56,935,215	101,929,959
Per cent of increase		30.2	95.3	50.1	44.6	163.5	67.2	65.1
Per cent of total of all industries in state	1900	11.5	51.8	48.4	48.0	58.3	39.2	42.2
	1890	14.8	53.1	44.9	44.0	51.1	44.7	44.1
Chemicals	1900	61	17,284,675	3,048	1,575,132	638,013	6,994,508	12,207,289
	1890	44	7,931,419	1,712	919,440	393,494	5,026,040	8,146,795
Electrical apparatus and supplies	1900	35	7,380,139	2,793	1,514,333	769,135	2,996,908	6,447,154
	1890	3	562,768	425	193,389	53,179	203,163	744,274
Foundry and machine shop products	1900	353	31,550,687	17,918	9,375,824	1,908,216	14,879,987	32,621,229
	1890	249	19,084,636	12,793	7,159,040	947,217	9,967,500	21,666,955
Glass	1900	26	5,397,662	5,383	2,462,745	241,655	1,488,700	5,093,822
	1890	34	3,744,894	5,688	2,730,100	116,009	1,310,953	5,218,152
Iron and steel	1900	25	19,971,609	8,288	3,892,941	1,146,984	16,310,425	24,381,699
	1890	28	11,547,362	5,150	2,546,791	634,963	7,031,046	11,018,575
Jewelry	1900	100	5,523,452	2,779	1,563,973	420,248	3,828,855	7,379,777
	1890	74	3,303,615	1,757	1,116,835	173,407	2,357,326	4,724,500
Leather, tanned, curried, and finished	1900	77	9,906,119	4,178	2,057,197	507,753	9,532,507	13,747,155
	1890	31	1,185,362	706	415,516	57,320	1,961,634	2,780,016
Liquors, malt	1900	45	26,330,466	1,723	1,360,915	6,733,772	2,782,420	14,386,456
	1890	34	10,184,540	1,174	949,661	2,490,157	3,592,491	10,018,393
Lumber, planing mill products, including sash, doors, and blinds	1900	113	3,985,044	1,993	1,060,680	186,678	2,902,997	5,107,217
	1890	101	2,761,927	1,635	979,463	126,174	2,996,817	4,869,372

TABLE 3.—COMPARATIVE SUMMARY OF FIFTEEN LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Petroleum, refining	1900	4	$23,332,426	2,951	$1,768,768	$551,211	$26,710,213	$29,649,460
	1890	4	16,500,730	2,610	1,469,588	241,188	16,474,022	20,711,826
Pottery, terra cotta, and fire-clay products	1900	81	15,324,966	8,117	3,841,404	792,475	2,384,059	8,940,723
	1890	60	5,478,332	4,425	2,354,383	467,998	1,366,834	5,165,537
Rubber and elastic goods	1900	37	6,078,155	2,609	1,150,503	409,202	5,696,006	8,458,274
	1890	12	1,458,691	926	392,080	128,136	1,157,124	2,135,705
Sewing machines and attachments	1900	4	4,317,666	4,701	2,809,523	108,801	2,717,907	6,643,348
	1890	3	5,237,855	3,931	2,071,883	288,620	761,365	4,177,330
Textiles: Total	1900	321	75,915,746	46,932	17,159,450	7,317,381	38,942,798	72,921,528
	1890	242	42,913,166	33,860	12,706,529	2,951,991	29,662,896	52,855,496
Carpets and rugs, other than rag	1900	13	1,487,031	1,171	379,423	45,610	867,959	1,522,827
	1890	6	724,393	579	187,354	30,502	430,917	817,242
Cotton goods, including cotton small wares	1900	25	14,399,291	5,681	1,930,940	428,384	3,157,768	6,930,766
	1890	17	13,519,972	5,632	1,984,659	194,474	3,028,933	5,902,615
Dyeing and finishing textiles	1900	59	11,600,695	7,074	3,003,491	809,580	4,513,768	10,488,963
	1890	41	5,197,403	8,735	1,878,137	752,461	2,711,121	6,183,397
Hosiery and knit goods	1900	16	1,973,482	1,841	446,608	122,374	997,110	1,748,148
	1890	15	1,352,143	1,250	312,564	101,146	582,783	1,091,403
Shoddy	1900	4	538,936	156	56,027	25,798	526,492	685,048
	1890	4	193,225	117	35,605	20,150	301,113	389,640
Silk and silk goods	1900	180	29,285,792	24,157	9,232,532	4,896,595	21,631,118	39,966,662
	1890	132	16,809,927	17,445	6,634,610	1,356,137	17,908,883	30,760,371
Woolen goods	1900	13	4,549,798	2,942	1,013,232	461,513	2,700,889	4,755,393
	1890	21	3,810,832	4,165	1,402,158	405,715	3,281,979	5,652,166
Worsted goods	1900	11	12,080,721	3,910	1,097,197	527,527	4,547,694	6,823,721
	1890	6	1,305,271	937	271,442	91,406	1,417,167	2,058,662
Tobacco: Total	1900	498	8,003,163	3,595	1,232,353	3,132,760	3,441,994	10,435,974
	1890	448	1,366,671	1,182	518,820	367,649	805,858	2,258,220
Chewing, smoking, and snuff	1900	12	6,692,041	1,955	527,195	2,713,031	2,424,108	7,788,379
	1890	4	311,113	131	46,690	134,322	111,095	348,814
Cigars and cigarettes	1900	486	1,311,122	1,640	705,158	419,729	1,017,886	2,647,595
	1890	444	1,055,558	1,051	472,130	233,327	694,763	1,909,406

The 15 leading industries of the state in 1900, as shown in Table 3, embraced 1,780 establishments, or 11.5 per cent of the total number in the state; used a capital of $260,301,975, or 51.8 per cent of the total; gave employment to 117,008 wage-earners, or 48.4 per cent of the total number; and paid $52,825,741, or 48 per cent of the total wages. The value of their products was $258,421,105, or 42.2 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

Table 3 shows that the manufacture of textiles is the most important industry in the state. The 321 establishments reported in 1900 gave employment to 46,932 wage-earners, or 19.4 per cent of the wage-earners employed in the state, and their products were valued at $72,921,528, or 11.9 per cent of the total value of the products of the state. In 1890 there were 242 establishments, 33,860 wage-earners, and products valued at $52,855,496. The increase in the value of products during the decade was $20,066,032, or 38 per cent. The textiles here shown are: Carpets and rugs, other than rag; cotton goods, including cotton small wares; dyeing and finishing textiles; hosiery and knit goods; shoddy; silk and silk goods; woolen goods; and worsted goods.

There were 180 establishments engaged in the manufacture of silk and silk goods in 1900, with 24,157 wage-earners, and products valued at $39,966,662. In 1890 there were 132 establishments, 17,445 wage-earners, and products valued at $30,760,371. The increase in the value of products during the decade was $9,206,291, or 29.9 per cent.

The silk industry was begun in Paterson about 1840 by Christopher Colt, a brother of Samuel Colt, the inventor of the revolving pistol, and the first silk mill was established in a floor of a building which the latter had erected for the manufacture of pistols. Use was made of water-power derived from the Passaic River, which has been so important a factor in the industrial development of the city. This mill, although equipped with the best machinery, was not successful under Mr. Colt's management, and was closed in about four months. John Ryle, who had learned the art of silk manufacture in England, was the next to engage in the industry in Paterson, and to his skill, energy, and perseverance were due the first successful operations in the state. John Ryle and G. W. Murry, who had had some experience in a silk mill at Northampton, Mass., purchased the Colt mill at Paterson with its entire outfit. No attempt was made to weave broad goods until 1846 when Mr. Ryle, who had become sole owner of the mill, succeeded in weaving pieces of dress silk of several hundred yards length. For nearly twelve years from its foundation this mill was the only

one in Paterson.[1] In 1852 John C. Benson erected a small mill, and in 1854 the firm of Hamill & Booth began business. Both partners were throwsters, who had previously confined their operations to their particular branch of the industry. Like other throwsters, however, they were compelled to take up the business of weaving or leave the silk industry, for the larger firms were then doing their own throwing.

The great growth of the silk industry in Paterson began during the decade ending with 1870. Great amounts of capital were invested and large mills were erected. The number of establishments increased from 8 to 29, and the value of products from $960,900 to $4,495,564. Paterson has now become the greatest center of silk production in the United States. Large mills have grown up in other towns in the northern and middle sections of New Jersey, but this city still maintains its preeminence in the industry. Proximity to New York city, the principal market for the sale of silk goods, was one of the influences favorable to the growth of the silk industry at Paterson. Of equal importance were the waterpower of the Passaic River, the facilities for cheap transportation afforded by the Morris and Essex Canal, and, later, by the railroads, and the available supply of labor. Paterson, at an early period, had drawn together a large laboring population. The men were employed largely in machine shops, and their wives and children were glad to take employment in the new industry.

There were 59 establishments engaged in the dyeing and finishing of textiles in 1900, with 7,074 wage-earners, and the work done was valued at $10,488,963. In 1890 there were 41 establishments, 3,735 wage-earners, and the work done was valued at $6,183,397. The increase during the decade in the value of the work done was $4,305,566, or 69.6 per cent.

There were 25 establishments engaged in the manufacture of cotton goods, including cotton small wares, in 1900, with 5,681 wage-earners, and products valued at $6,930,766. In 1890 there were 17 establishments, 5,632 wage-earners, and products valued at $5,902,615. The increase in the value of products during the decade was $1,028,151, or 17.4 per cent.

There were 11 establishments engaged in the manufacture of worsted goods in 1900, with 3,910 wage-earners, and products valued at $6,823,721. In 1890 there were 6 establishments, 937 wage-earners, and products valued at $2,058,662. The increase in the value of products during the decade was $4,765,059, or 231.5 per cent.

There were 13 establishments engaged in the manufacture of woolen goods in 1900, with 2,942 wage-earners, and products valued at $4,755,393. In 1890 there were 21 establishments, 4,165 wage-earners, and products valued at $5,652,166. The decrease in the value of products during the decade was $896,773, or 15.9 per cent.

There were 16 establishments engaged in the manufacture of hosiery and knit goods in 1900, with 1,841 wage-earners, and products valued at $1,748,148. In 1890 there were 15 establishments, 1,250 wage-earners, and products valued at $1,091,403. The increase in the value of products during the decade was $656,745, or 60.2 per cent.

There were 13 establishments engaged in the manufacture of carpets and rugs, other than rag, in 1900, with 1,171 wage-earners, and products valued at $1,522,827. In 1890 there were 6 establishments, 579 wage-earners, and products valued at $817,242. The increase in the value of products during the decade was $705,585, or 86.3 per cent.

There were 4 establishments engaged in the manufacture of shoddy in 1900, with 156 wage-earners, and products valued at $685,048. In 1890 there were 4 establishments, 117 wage-earners, and products valued at $389,640. The increase during the decade was $295,408, or 75.8 per cent.

The manufacture of foundry and machine shop products ranked second among the industries of the state in 1900, with 353 establishments, 17,918 wage-earners, and products valued at $32,621,229. In 1890 there were 249 establishments, 12,793 wage-earners, and products valued at $21,666,955. The increase in the value of products during the decade was $10,954,274, or 50.6 per cent. With the exception of 1 large establishment in Camden and 1 in Phillipsburg, the great machine shops and foundries are located in the large cities and towns of the middle section of the state. The greatest number are in Newark, Jersey City, Hoboken, Paterson, Plainfield, and Elizabeth. The superior railroad facilities for the transportation of coal and iron have been the most important factor in the development of this industry. During the past ten years many firms engaged in it have moved their works from New York city because of the combined advantages of cheap land for building purposes and efficient railroad service.

There were 4 establishments engaged in 1900 in the refining of petroleum, the industry third in rank, with 2,951 wage-earners, and products valued at $29,649,460. In 1890 there were 4 establishments, 2,610 wage-earners, and products valued at $20,711,826. The increase in the value of products during the decade was $8,937,634, or 43.2 per cent.

The refining of petroleum is a comparatively new industry in New Jersey. The first large plant was established about 1875 at Bayonne on the water front facing the Kill van Kull and New York Bay. This site was selected because the surrounding deep water permitted ocean-going ships to be loaded at the docks. The works have grown to immense size. There are 3 companies engaged in the industry at Bayonne and 1 at Edgewater on the Hudson River. During 1900 these 4 establishments used 12,136,537 barrels of crude petroleum, and their products included illuminating and lubricating oils, naphtha, tar, fuel oil, paraffine oil and wax, acid oil, benzine, oil of vitriol, and other articles.

There were 25 establishments engaged in the manufacture of iron and steel in 1900. with 8,288 wage-earners,

[1] History of the Silk Industry in America, by L. P. Brockett, pages 110-112.

and products valued at $24,381,699. In 1890 there were 28 establishments, 5,150 wage-earners, and products valued at $11,018,575. The increase in the value of products during the decade was $13,363,124, or 121.3 per cent. The beginning of this industry dates back to a very early period in the history of the state. One of the largest as well as the oldest manufactories of pig iron is at Oxford in Warren county. Furnaces were established there, and also at Phillipsburg, Hackettstown, Port Oram, and Stanhope, because of the local supplies of iron ore.[1] The rolling mills and steel works are distributed over that part of the state which lies between Dover and Trenton. In and about the city of Newark there are two large plants where crucible steel of a high grade is manufactured. Large establishments are also located at Boonton, Dover, Phillipsburg, Paterson, Passaic, and Trenton. One of these, located in the last-named city, employed more than 2,250 wage-earners in 1900, and its products, principally steel wire, are sent to all parts of the world.

There were 45 establishments engaged in the manufacture of malt liquors in 1900, with 1,723 wage-earners, and products valued at $14,386,456. In 1890 there were 34 establishments, 1,174 wage-earners, and products valued at $10,018,393. The increase in the value of products during the decade was $4,368,063, or 43.6 per cent. The manufacture of malt liquors is one of the leading industries of the state. Newark is the principal center of this industry, 19 of the 45 establishments in operation in 1900 being in that city. There were some small breweries of ale in Newark at an early period in the history of the city, but the great breweries of lager beer, ale, and porter now located there have grown from the small beginnings made by German refugees and immigrants, who came to Newark in large numbers after the revolution of 1848. Wherever these people settled in sufficient numbers brewing sooner or later sprang up.

There were 77 establishments engaged in the tanning, currying, and finishing of leather in 1900, with 4,178 wage-earners, and products valued at $13,747,155. In 1890 there were 31 establishments, 706 wage-earners, and products valued at $2,780,016. The increase in the value of products during the decade was $10,967,139, or 394.5 per cent. This industry is one in which New Jersey, and particularly the city of Newark, has held a leading place from a very early period. A small tannery was erected in Newark in 1770 and operated until the outbreak of the Revolutionary War. In 1792 there were 3 small tanneries there, and another, larger than its predecessors, was started in 1827 by the founders of a well-known firm which is still engaged in the industry. In 1837 there were 155 curriers and patent-leather makers in that city, and the tanned and curried products were valued at $899,200.[2] The business grew steadily in different parts of the state, but the growth was greatest in Newark, the largest establishments as a rule locating there. During the decade between 1860 and 1870 there was an immense advance, the city of Newark practically monopolizing the industry. In the next decade the growth of the industry was very much stimulated by the products displayed by Newark leather manufacturers at the Centennial Exposition. Large factories became the rule, as is seen by the fact that while the number of establishments decreased between 1870 and 1880, the increase in the value of products was very great. In 1887, owing to a prolonged strike and other disturbing influences, the leather industry in Newark received a setback, and conditions had not become normal at the census of 1890. Work had been suspended in many factories and the falling off in value of products was very marked. Since that date conditions have improved again, Newark still maintaining its preeminence in the industry.

There were 61 establishments engaged in the manufacture of chemicals in 1900, with 3,048 wage-earners, and products valued at $12,207,289. In 1890 there were 44 establishments, 1,712 wage-earners, and products valued at $8,146,795. The increase in the value of products during the decade was $4,060,494, or 49.8 per cent. A majority of the establishments engaged in this industry are located in Newark, Camden, and Bayonne.

There were 498 establishments engaged in the manufacture of tobacco in 1900, with 3,595 wage-earners, and products valued at $10,435,974. In 1890 there were 448 establishments, 1,182 wage-earners, and products valued at $2,258,220. The increase in the value of products during the decade was $8,177,754, or 362.1 per cent.

There were 81 establishments engaged in the manufacture of pottery, terra cotta, and fire-clay products in 1900, with 8,117 wage-earners, and products valued at $8,940,723. In 1890 there were 60 establishments, 4,425 wage-earners, and products valued at $5,165,537. The increase in the value of products during the decade was $3,775,186, or 73.1 per cent.

The name of New Jersey is intimately associated with this manufacture. Brick clay is found in every county in the state, but in some the deposits are small. With the exception of some porcelain clays found in the northern part of the state and some in Mercer county, substantially all the valuable clays and sands which form the basis of the pottery industry are mined in Middlesex county, in the neighborhood of Woodbridge and Perth Amboy. The hundreds of clay and sand pits are fortunately so situated that none of them is more than three miles from the navigable waters of Staten Island Sound, the Raritan River, or the South River. Stimulated by these advantages, immense works have been constructed in this section of the state in which architectural terra cotta, fire brick, common and front building brick, gas retorts, stove lining, sewer pipe, and roofing tile are made and distributed to all parts of the United States. The city of Trenton is, however, the most famous pottery center of New Jersey, its name being as naturally associated with the industry in the

[1] History of Sussex and Warren counties, by Col. Charles Scranton, pages 78 and 80.

[2] The New Jersey Register, 1837, pages 246 and 247.

United States as are the names of Staffordshire, Dresden, and Sevres with the industry in Europe. The finest qualities of porcelain, granite, and white ware are produced in this city, and in the production of sanitary ware Trenton leads all other centers.

The first pottery works in New Jersey were erected at Old Bridge, Middlesex county, but the first white ware with any pretensions to artistic beauty was made by the American Pottery Company at Jersey City in 1829. In 1852 the pottery industry of Trenton was begun by James Taylor, in partnership with a man named Speeler.[1] Mr. Taylor had been previously engaged in this manufacture in Jersey City. Yellow and Rockingham ware were successfully made and some experiments tried with porcelain. In 1856 the firm made white-granite ware in connection with its other products, and the same year received the Franklin medal in recognition of what had been accomplished. In 1857 the Excelsior Pottery Company was organized and erected large works along the banks of the Delaware and Raritan Canal. Many who subsequently became successful pottery owners or managers received their training in these works. The first pottery for the production of white-granite and cream colored ware was established in 1859 by the firm of Rhodes & Yates, and other master potters soon followed their example.

The Centennial exhibition in 1876 opened a new era in the pottery industry. The ivory porcelain and Parian vases exhibited there by Trenton manufacturers attracted much attention and greatly lessened the popular prejudice in favor of foreign-made pottery. The stimulus thus given called into existence many new establishments, some of which afterwards became famous in the industry. Hitherto there had been little disposition on the part of practical master potters to go beyond the making of such ware as was put to the most ordinary uses. But as a result of competition, higher grades of ware, more artistic shapes, and better glazes began at this time to take the place of the less perfect products of the kilns. Employers and workmen grew in experience and skill, the old conservatism was abandoned, and the reputation of Trenton pottery products became established.

There were 37 establishments engaged in the manufacture of rubber and elastic goods in 1900, with 2,609 wage-earners, and products valued at $8,458,274. In 1890 there were 12 establishments, 926 wage-earners, and products valued at $2,135,705. The increase in the value of products during the decade was $6,322,569, or 296 per cent. This increase was greater than is shown for any other manufacture carried on in the state, excepting leather. In 1860 there were but 5 establishments reported, 1 in Newark and 4 in New Brunswick, and the products were valued at $1,303,000. The great increase in this manufacture occurred during the three years between 1897 and 1900, and was caused to some extent by the consolidation of New Jersey companies with competing companies outside of the state, but it is chiefly due to the general industrial growth which so largely affected all industries during that period.

There were 100 establishments engaged in the manufacture of jewelry in 1900, with 2,779 wage-earners, and products valued at $7,379,777. In 1890 there were 74 establishments, 1,757 wage-earners, and products valued at $4,724,500. The increase in the value of products during the decade was $2,655,277, or 56.2 per cent. In 1900, as in 1890, only 3 states, Rhode Island, Massachusetts, and New York, ranked higher than New Jersey in this industry. The manufacture was established in Newark about the year 1830.[2] Solid gold jewelry was made and the city acquired a reputation for fine work which it still maintains. All kinds and grades of solid and filled jewelry are now made in the state. The machinery employed is of the latest type, and the workmen engaged in the industry are among the most skillful to be found anywhere.

There were 4 establishments engaged in the manufacture of sewing machines in 1900, with 4,701 wage-earners, and products valued at $6,643,348. In 1890 there were 3 establishments, 3,931 wage-earners, and products valued at $4,177,330. The increase in the value of products during the decade was $2,466,018, or 59 per cent. The manufacture of sewing machines was begun in Newark about 1870. In 1873 an immense plant was moved from New York city to Elizabeth, N. J., and located on the water front facing the Kill van Kull. The main building in which the enterprise is now carried on is five stories in height and more than one-third of a mile long, and 4,500 wage-earners are employed. The sewing machine made when the industry was started in Elizabeth had a capacity of 700 stitches per minute; the capacity of the machine now made is 3,500 stitches.

There were 35 establishments engaged in the manufacture of electrical apparatus and supplies in 1900, with 2,793 wage-earners, and products valued at $6,447,154. In 1890 there were 3 establishments, 425 wage-earners, and products valued at $744,274. The increase in the value of products during the decade was $5,702,880, or 766.2 per cent.

There were 113 establishments engaged in the manufacture of planing mill products in 1900, with 1,993 wage-earners, and products valued at $5,107,217. In 1890 there were 101 establishments, 1,635 wage-earners, and products valued at $4,869,372. The increase in the value of products during the decade was $237,845, or 4.9 per cent.

There were 26 establishments engaged in the manufacture of glass in 1900, with 5,383 wage-earners, and products valued at $5,093,822. In 1890 there were 34 establishments, 5,688 wage-earners, and products valued at $5,218,152. The decrease in the value of products during the decade was $124,330, or 2.4 per cent. This manufacture is confined to the southern part of the state, where an abundance of fine sand of the quality required for making

[1] Report of the Bureau of Statistics of New Jersey, 1883, page 254.

[2] New Jersey Register, 1837, page 246.

glass is to be found. Bridgeton and Millville are the principal centers. The first glasshouse in the state of which there is any record was built about 1765, near Alloway, Salem county, for the manufacture of bottles, by a German workman who brought men skilled in the industry from his native country.[1] The works were closed about the time of the outbreak of the Revolutionary War, and the men employed started a new glasshouse at Glassboro. One of the largest window and bottle plants in the state is still owned and managed by the descendants of the men who started it nearly one hundred and twenty-five years ago.

[1] Report of the Bureau of Statistics of New Jersey, 1883, page 289.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Camden, Elizabeth, Hoboken, Jersey City, Newark, Paterson, and Trenton, as returned at the censuses of 1890 and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, CAMDEN, ELIZABETH, HOBOKEN, JERSEY CITY, NEWARK, PATERSON, AND TRENTON, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
The State	1900	15,481	$502,824,082	241,582	$110,088,605	$42,654,076	$360,945,843	$611,748,933
	1890	9,225	250,805,745	173,778	82,944,118	18,458,052	189,365,740	354,573,571
Per cent of increase		67.8	100.5	39.0	32.7	131.1	90.6	72.5
Camden	1900	817	16,430,611	8,941	3,824,434	1,487,751	11,499,151	20,451,874
	1890	658	15,244,506	9,444	4,759,182	709,452	11,816,151	21,145,637
Per cent of increase		24.2	7.8	[1]5.3	[1]19.6	109.7	[1]2.7	[1]3.3
Elizabeth	1900	419	15,665,545	10,497	6,024,497	1,351,411	9,882,821	20,546,468
	1890	190	7,785,553	6,268	3,351,348	371,214	4,511,626	10,489,364
Per cent of increase		120.5	101.2	67.5	79.8	264.1	119.1	95.9
Hoboken	1900	399	8,331,015	6,443	3,076,235	878,470	5,724,626	12,092,872
	1890	289	3,948,782	2,982	1,899,628	228,743	3,585,921	7,151,391
Per cent of increase		38.1	111.0	116.1	61.9	284.0	59.6	69.1
Jersey City	1900	965	80,327,678	19,499	9,126,042	6,528,570	52,254,465	77,225,116
	1890	726	18,165,094	11,412	6,243,882	1,893,926	23,206,834	37,376,322
Per cent of increase		32.9	342.2	70.9	46.2	244.7	125.2	106.6
Newark	1900	3,339	103,191,403	49,550	23,999,442	10,050,907	67,105,944	126,954,049
	1890	2,490	62,552,752	42,719	22,137,534	6,112,239	46,020,536	93,476,652
Per cent of increase		34.1	65.0	16.0	8.4	64.4	45.8	35.8
Paterson	1900	995	43,510,481	30,190	12,812,538	5,059,521	26,882,183	52,287,975
	1890	599	27,603,549	23,198	10,439,725	2,143,313	22,480,727	42,263,531
Per cent of increase		66.1	57.6	30.1	22.7	136.1	19.6	23.7
Trenton	1900	570	26,174,895	14,457	6,791,026	2,057,474	18,057,504	31,645,695
	1890	885	19,278,041	13,763	6,834,404	1,319,216	12,625,400	25,628,223
Per cent of increase		[1]35.6	35.8	5.0	[1]0.6	56.0	43.0	23.5
Total for 7 cities	1900	7,504	293,631,628	139,577	65,654,214	27,414,104	191,406,694	341,204,049
	1890	5,837	154,578,277	109,786	55,665,703	12,778,103	124,247,195	237,531,120
Per cent of increase		28.6	90.0	27.1	17.9	114.5	54.1	43.6
Per cent of 7 cities to total for state	1900	48.5	58.4	57.8	59.6	64.3	53.0	55.8
	1890	63.3	61.6	63.2	67.1	69.2	65.6	67.0

[1] Decrease.

It appears from Table 4 that there has been an increase during the past decade in the combined manufactures of these 7 cities. The number of establishments increased from 5,837 to 7,504, or 28.6 per cent; the average number of wage-earners from 109,786 to 139,577, or 27.1 per cent; and the value of products from $237,531,120 to $341,204,049, or 43.6 per cent. The percentage of increase in each of these particulars has been smaller in these 7 cities than in the state as a whole. Jersey City shows the most rapid growth, the value of products having increased from $37,376,322 to $77,225,116, or 106.6 per cent. In Newark, the leading city, the number of establishments increased from 2,490 to 3,339, or 34.1 per cent; the average number of wage-earners from 42,719 to 49,550, or 16 per cent; and the value of products from $93,476,652 to $126,954,049, or 35.8 per cent. The number of establishments, number of wage-earners, and value of products in this city in 1900 constituted 21.6, 20.5, and 20.8 per cent, respectively, of the totals for the state.

Table 5 presents the totals for the manufacturing industries of the 44 cities and towns withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and towns, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	PRODUCTS. Value.	PRODUCTS. Rank.	PRODUCTS. Per cent of total.	POPULATION. Total.	POPULATION. Rank.	POPULATION. Per cent of total.
Total for state	15,481	$502,824,082	16,438	241,582	$110,088,605	$42,654,076	$360,945,843	$611,748,933	-------	100.0	1,883,669	-------	100.0
Total for urban manufactures	11,115	411,782,271	11,802	196,901	91,213,543	36,105,031	283,389,581	486,571,878	-------	79.5	[1] 1,196,826	-------	63.5
Bayonne	225	26,583,058	236	5,083	2,856,776	805,433	34,094,479	39,352,248	4	6.4	32,722	8	1.7
Bloomfield	150	3,354,149	162	1,840	899,298	256,025	1,895,655	3,860,796	17	0.6	9,668	23	0.5
Boonton	39	575,470	42	574	218,613	48,295	1,009,005	1,458,942	29	0.2	3,901	38	0.2
Bordentown	35	590,439	36	469	123,632	35,555	405,675	663,706	40	0.1	4,110	37	0.2
Boundbrook	47	716,323	44	523	190,005	69,737	352,133	742,374	38	0.1	2,622	43	0.1
Bridgeton	135	2,357,651	154	2,333	836,188	99,557	1,216,192	2,649,919	22	0.4	13,913	18	0.7
Burlington	88	1,471,543	96	1,461	640,453	101,573	1,788,443	2,905,991	21	0.5	7,392	25	0.4
Camden	817	16,430,611	844	8,941	3,824,434	1,487,751	11,499,151	20,451,874	7	3.3	75,935	4	4.0
Dover	56	951,695	56	1,367	657,548	44,383	710,248	1,804,850	27	0.3	5,938	29	0.3
East Orange	167	2,311,585	191	1,354	724,495	350,162	1,583,435	3,463,141	18	0.6	21,506	12	1.1
Elizabeth	419	15,665,545	444	10,497	6,024,497	1,351,411	9,882,821	20,546,468	6	3.4	52,130	7	2.8
Gloucester City	74	3,038,922	75	1,555	535,923	285,658	1,260,002	2,922,242	20	0.5	6,840	27	0.4
Guttenberg	43	302,807	43	125	85,670	62,093	116,433	344,531	41	0.1	3,825	40	0.2
Harrison	79	5,210,605	72	2,983	1,463,265	385,948	3,297,663	6,331,783	11	1.0	10,596	20	0.6
Hoboken	399	8,331,015	432	6,443	3,076,235	878,470	5,724,626	12,092,872	10	2.0	59,364	6	3.2
Irvington	60	365,503	67	331	139,485	67,301	1,138,248	1,773,558	28	0.3	5,255	31	0.3
Jersey City	965	80,327,678	962	19,499	9,126,042	6,528,570	52,254,465	77,225,116	2	12.6	206,433	2	11.0
Kearney	33	2,097,861	32	1,102	417,985	127,612	1,081,948	1,845,587	26	0.3	10,896	19	0.6
Lambertville	70	1,763,221	69	913	367,959	130,697	1,383,515	2,264,223	24	0.4	4,637	34	0.2
Millville	47	3,229,206	50	2,290	1,115,696	177,308	964,554	2,610,332	23	0.4	10,583	21	0.6
Montclair	197	1,037,352	207	1,092	619,079	93,462	1,140,753	2,246,817	25	0.4	13,962	17	0.7
Mt. Holly	61	460,559	67	493	167,178	34,014	388,130	699,188	39	0.1	([2])	-------	-------
Newark	3,339	103,191,403	3,635	49,550	23,999,442	10,050,907	67,105,944	126,954,049	1	20.8	246,070	1	13.1
New Brunswick	193	6,028,086	201	3,726	1,256,034	661,944	2,929,882	5,812,757	12	0.9	20,006	13	1.1
North Plainfield	33	142,524	35	147	77,704	20,829	148,399	312,816	44	([3])	5,009	32	0.3
Orange	284	1,937,457	322	2,712	1,428,284	232,632	2,259,135	4,694,335	15	0.8	24,141	10	1.3
Passaic	185	23,279,421	178	7,102	2,778,278	1,199,108	7,971,505	14,031,254	9	2.3	27,777	9	1.5
Paterson	995	43,510,481	1,074	30,190	12,812,538	5,059,521	26,882,183	52,287,975	3	8.5	105,171	3	5.6
Perth Amboy	129	6,637,766	127	2,258	1,053,242	435,883	11,631,704	14,730,928	8	2.4	17,699	14	0.9
Phillipsburg	87	3,411,239	92	2,560	1,000,331	244,560	2,906,360	4,952,277	14	0.8	10,052	22	0.5
Plainfield	135	2,683,449	143	1,751	970,018	283,886	1,144,724	3,229,969	19	0.5	15,369	15	0.8
Rahway	100	915,208	111	778	407,490	69,085	502,048	1,149,247	34	0.2	7,935	24	0.4
Raritan	27	659,471	27	1,010	299,970	268,974	442,409	1,088,280	35	0.2	3,244	42	0.2
Salem	75	722,434	82	933	316,303	34,042	550,093	1,155,099	33	0.2	5,811	30	0.3
Somerville	88	1,160,976	97	402	235,050	100,710	797,606	1,354,373	31	0.2	4,843	33	0.3
South Amboy	44	282,770	47	238	113,344	11,326	147,865	322,457	43	0.1	6,349	28	0.3
South Orange	45	108,664	53	157	88,740	12,841	165,912	327,552	42	0.1	4,608	35	0.2
Trenton	570	26,174,895	578	14,457	6,791,026	2,057,474	18,057,504	31,645,695	5	5.2	73,307	5	3.9
Union	159	5,618,279	168	1,662	841,247	899,514	1,650,490	3,986,381	16	0.6	15,187	16	0.8
Vineland	58	840,305	68	837	369,976	34,532	775,360	1,450,072	30	0.2	4,370	36	0.2
Washington	41	759,518	43	650	258,050	145,327	446,259	999,262	36	0.2	3,580	41	0.2
West Hoboken	177	4,042,373	191	3,028	1,248,244	677,713	2,829,789	5,491,760	13	0.9	23,094	11	1.2
West Orange	64	1,373,039	70	1,034	499,319	67,788	478,645	1,350,170	32	0.2	6,889	26	0.4
Woodbury	81	1,129,715	79	451	258,457	115,420	378,191	988,612	37	0.2	4,087	38	0.2
Total for state exclusive of urban manufactures	4,366	91,041,811	4,636	44,681	18,875,062	6,549,045	77,556,262	125,177,055	-------	20.5	686,843	-------	36.5
Per cent of urban manufactures to total for state	71.8	81.9	71.8	81.5	82.9	84.6	78.5	79.5	-------	-------	63.5	-------	-------

[1] Exclusive of population for Mt. Holly. [2] Figures not available. [3] Less than one-tenth of 1 per cent.

Of the 15,481 establishments in the state, 11,115, or 71.8 per cent, were located in these 44 cities and towns. They furnished employment to 196,901 wage-earners, or 81.5 per cent of the total number; and the value of their products, $486,571,878, formed 79.5 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Bayonne, Camden, East Orange, Elizabeth, Hoboken, Jersey City, Newark, New Brunswick, Orange, Passaic, Paterson, Trenton, and West Hoboken by specified industries.

Table 9 shows the totals for all industries in the cities and towns withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	15,481	$502,824,082	$42,539,846	$76,227,514	$135,371,296	$248,685,426	16,438	16,283	$19,688,946	241,582	$110,088,605
2	Atlantic	286	3,553,220	584,524	873,523	1,054,365	1,040,808	306	87	63,967	2,088	846,785
3	Bergen	478	10,817,001	1,342,777	2,033,078	3,780,295	3,660,851	507	328	380,297	5,275	2,276,233
4	Burlington	408	5,454,253	368,432	931,706	1,530,633	2,623,482	436	280	300,473	4,981	1,910,658
5	Camden	1,009	21,539,016	1,716,427	3,020,322	5,041,322	11,760,945	1,044	862	998,297	11,377	4,740,961
6	Cape May	79	525,462	51,244	86,505	262,180	125,533	89	44	24,742	473	196,189
7	Cumberland	335	7,112,880	545,948	1,484,020	1,227,317	3,855,595	390	347	320,262	6,278	2,540,746
8	Essex	4,461	117,167,724	9,775,648	17,613,770	25,341,048	64,437,258	4,868	5,185	6,327,071	60,310	29,455,134
9	Gloucester	243	5,217,338	388,753	1,005,514	846,786	2,976,285	251	242	184,679	2,659	1,146,110
10	Hudson	2,200	140,603,456	12,140,583	16,035,359	46,430,585	65,996,929	2,254	3,107	4,009,958	43,515	20,690,557
11	Hunterdon	298	4,230,462	329,757	584,385	863,630	2,452,690	298	157	185,113	2,287	930,786
12	Mercer	751	27,766,696	3,590,000	5,256,612	5,207,694	13,712,390	775	903	1,064,656	15,580	7,252,320
13	Middlesex	551	26,390,004	2,583,168	5,746,684	5,203,358	12,906,794	551	825	1,025,084	11,343	4,573,677
14	Monmouth	602	6,847,176	614,147	1,726,585	2,726,278	1,780,166	687	165	143,732	3,325	1,418,840
15	Morris	485	9,304,967	772,417	1,692,838	2,687,695	4,152,017	512	386	386,659	5,779	2,650,441
16	Ocean	148	418,100	58,517	95,830	109,464	154,289	159	12	10,902	380	181,359
17	Passaic	1,288	70,349,231	8,785,755	9,306,101	21,887,206	35,370,169	1,358	1,814	2,434,146	39,443	16,413,369
18	Salem	278	2,684,835	167,457	518,965	478,216	1,520,197	296	80	64,445	2,251	763,101
19	Somerset	286	3,796,946	289,036	661,480	914,563	1,931,867	296	155	195,821	2,671	1,007,650
20	Sussex	188	4,012,336	237,978	575,252	2,073,872	1,125,234	192	104	122,237	1,759	648,281
21	Union	780	25,850,924	2,518,169	4,562,661	5,768,276	13,001,818	819	973	1,216,406	14,780	8,466,783
22	Warren	327	9,182,055	729,109	2,416,324	1,936,513	4,100,109	350	227	229,999	5,028	1,978,625

TABLE 7.—MANUFACTURES BY

1	All industries	15,481	$502,824,082	$42,539,846	$76,227,514	$135,371,296	$248,685,426	16,438	16,283	$19,688,946	241,582	$110,088,605
2	Agricultural implements	11	249,957	24,400	55,891	44,935	124,731	13	8	11,289	147	60,083
3	Artificial feathers and flowers	10	33,295	4,565	6,800	2,465	19,465	13	-------	-------	75	20,334
4	Artists' materials	3	187,312	12,804	29,379	60,168	84,961	1	6	9,984	58	26,096
5	Awnings, tents, and sails	38	72,492	6,125	11,125	10,198	45,044	41	7	8,396	115	54,486
6	Babbitt metal and solder	4	79,196	5,000	15,876	9,820	48,500	4	5	3,980	11	6,620
7	Baking and yeast powders	4	242,144	35,000	30,000	30,400	146,744	3	34	35,882	88	29,566
8	Baskets, and rattan and willow ware	50	90,521	12,500	22,430	22,358	33,233	55	-------	-------	109	35,072
9	Belting and hose, leather	[illegible]	74,500	2,700	10,500	14,171	47,129	10	4	3,496	50	20,398
10	Belting and hose, rubber	7	2,208,881	59,320	322,567	345,888	1,481,106	-------	77	174,412	776	398,492
11	Bicycle and tricycle repairing	300	377,975	37,345	46,600	95,399	198,631	331	6	3,057	241	106,646
12	Bicycles and tricycles	7	204,465	13,700	16,000	78,668	96,097	3	24	23,457	183	71,343
13	Billiard tables and materials	6	118,611	690	10,800	42,968	64,153	5	10	14,115	75	34,457
14	Blacksmithing and wheelwrighting	1,183	1,816,970	399,438	480,519	264,886	672,127	1,274	8	4,054	1,110	597,006
15	Bookbinding and blank book making	27	155,675	5,100	11,000	61,217	78,358	30	11	8,153	237	82,391
16	Boot and shoe cut stock	6	53,290	9,000	7,500	11,220	25,570	6	3	1,616	78	31,284
17	Boot and shoe findings	10	145,655	6,100	6,175	31,825	101,555	10	14	15,450	128	49,928
18	Boot and shoe uppers	5	6,500	1,600	1,500	610	2,790	6	-------	-------	4	1,860
19	Boots and shoes, custom work and repairing.	969	386,991	57,596	82,403	83,625	163,367	988	-------	-------	336	134,556
20	Boots and shoes, factory product	84	3,153,255	68,655	296,541	736,375	2,051,684	86	333	368,968	4,421	1,723,159
21	Bottling	235	1,075,449	163,435	216,825	229,991	465,198	261	57	41,676	479	226,924
22	Boxes, cigar	7	61,475	5,900	15,200	12,618	27,757	8	1	600	41	15,870
23	Boxes, fancy and paper	30	517,284	48,600	109,200	152,215	207,269	35	41	51,323	1,080	274,758
24	Boxes, wooden packing	27	382,322	39,117	68,620	70,398	204,187	28	13	14,795	336	124,492
25	Brass castings and brass finishing	28	1,776,923	138,988	480,862	434,153	722,920	26	43	40,481	533	269,463
26	Brassware	13	342,486	27,000	39,600	120,516	155,370	11	15	21,450	410	136,790
27	Bread and other bakery products	785	3,830,640	703,950	1,437,226	736,010	953,454	831	296	182,753	2,701	1,411,975
28	Brick and tile	76	3,607,413	902,441	970,897	450,797	1,283,278	76	79	83,169	2,370	835,655
29	Bridges	3	107,200	3,300	700	41,500	61,700	3	5	6,000	135	63,753
30	Brooms and brushes	32	471,778	9,870	25,450	65,463	370,995	43	42	37,448	365	137,027
31	Buttons	34	509,681	6,250	34,672	154,036	314,723	43	53	50,299	1,169	410,056
32	Card cutting and designing	14	56,000	600	500	32,075	22,825	17	-------	-------	78	38,117
33	Carpentering	889	4,252,401	680,771	730,475	411,830	2,429,325	1,033	104	97,286	6,534	4,148,963
34	Carpets and rugs, other than rag	13	1,487,031	120,015	260,137	282,860	824,019	3	47	73,197	1,171	379,423
35	Carpets, rag	38	47,227	12,505	20,500	6,050	8,172	40	-------	-------	30	10,654
36	Carriage and wagon materials	20	681,931	32,138	48,301	154,540	446,952	25	38	40,327	518	205,454
37	Carriages and wagons	288	3,457,827	511,404	734,235	507,794	1,704,394	327	110	122,768	1,909	1,077,745
38	Cars and general shop construction and repairs by steam railroad companies.	18	2,819,759	404,314	1,218,005	560,030	637,410	-------	179	137,191	4,594	2,399,675
39	Cars and general shop construction and repairs by street railroad companies.	8	368,550	100,000	100,000	49,150	119,400	-------	9	6,616	229	145,928
40	Cheese, butter, and condensed milk, factory product.	53	242,284	18,735	73,810	97,040	52,699	55	14	4,350	74	36,852
41	Chemicals	61	17,284,675	2,114,179	2,797,240	3,728,737	8,644,519	88	402	577,337	3,048	1,575,132
42	China decorating	10	89,745	4,300	23,958	8,460	53,027	10	8	10,838	147	58,476
43	Cleansing and polishing preparations	8	28,345	1,800	7,000	2,855	16,690	5	2	1,550	17	9,092
44	Clothing, men's, custom work and repairing.	632	1,486,293	216,375	218,250	93,647	958,021	679	76	56,432	1,396	675,398
45	Clothing, men's, factory product	106	1,066,378	59,000	134,143	89,755	783,480	124	78	91,563	2,756	1,008,327
46	Clothing, men's, factory product, buttonholes.	5	5,563	2,200	2,000	1,303	60	8	-------	-------	9	2,679

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
181,879	$94,463,105	51,661	$14,281,265	8,042	$1,344,235	$42,654,076	$3,165,268	$1,892,699	$31,374,717	$6,221,392	$360,945,843	$351,076,937	$9,868,906	$611,748,933	1
1,563	722,225	379	97,958	146	26,602	173,354	32,237	17,259	119,688	4,170	1,317,319	1,251,118	66,201	3,114,570	2
4,221	2,032,974	847	210,154	207	33,105	764,741	51,779	35,179	509,038	168,745	4,929,073	4,675,912	253,161	10,258,432	3
3,386	1,534,641	1,310	338,191	255	37,826	331,407	28,713	21,939	245,019	35,736	4,935,939	4,782,045	153,894	8,599,363	4
8,019	3,972,689	2,828	686,133	530	82,139	1,912,473	132,236	74,736	1,260,418	445,083	13,826,067	13,416,013	410,054	25,281,123	5
355	174,193	105	19,840	13	2,156	27,859	5,303	2,327	16,614	3,615	300,115	288,859	11,256	736,348	6
4,498	2,181,827	1,320	288,108	460	70,811	348,577	23,204	32,903	277,317	15,153	3,526,560	3,210,562	315,998	7,711,850	7
46,138	25,468,441	12,735	3,743,001	1,437	243,692	11,426,064	1,115,068	508,466	8,977,696	824,834	79,094,438	77,398,203	1,696,235	150,184,111	8
2,218	1,058,347	113	22,342	328	65,421	226,158	7,963	16,269	186,336	15,590	1,923,968	1,788,156	135,812	4,220,735	9
32,336	17,821,504	9,777	2,612,201	1,402	256,852	11,023,244	769,815	472,935	8,517,227	1,263,267	109,051,869	106,808,184	2,243,685	158,370,246	10
2,011	873,466	238	52,901	33	4,419	278,423	16,237	18,798	236,368	12,020	2,918,949	2,839,036	79,913	5,074,736	11
12,516	6,507,158	2,663	674,108	401	71,054	2,139,459	109,033	115,014	1,830,259	85,153	19,490,464	18,761,822	728,642	34,254,095	12
9,314	4,086,117	1,738	440,011	291	47,549	2,252,030	60,041	87,287	1,954,976	149,726	40,486,018	39,784,536	701,482	55,293,129	13
2,289	1,136,383	1,011	279,668	25	2,789	352,386	57,349	22,612	225,647	46,778	3,205,097	3,112,500	92,597	6,578,956	14
4,760	2,383,381	843	241,056	176	26,004	615,593	69,713	25,788	337,796	182,296	6,082,090	5,677,051	405,039	11,423,171	15
345	170,110	31	10,728	4	521	23,685	5,816	1,886	11,331	5,152	391,004	386,403	4,601	796,790	16
25,641	12,477,992	12,008	3,646,790	1,794	288,587	6,552,662	447,730	274,297	3,555,399	2,275,236	37,219,927	36,126,893	1,093,034	70,703,184	17
1,492	639,082	592	103,394	167	20,625	199,605	17,585	10,181	169,589	2,300	1,815,159	1,723,940	91,219	3,330,347	18
1,974	844,842	537	141,155	160	21,653	1,101,209	44,716	18,949	977,829	59,715	2,530,021	2,429,613	100,408	5,432,784	19
1,310	522,451	395	111,824	54	14,006	193,028	11,085	8,210	90,743	82,990	2,037,329	1,822,067	215,262	3,600,538	20
13,446	8,125,005	1,265	326,779	69	14,999	2,117,074	135,010	102,147	1,489,111	390,806	20,337,347	19,946,636	390,711	37,145,674	21
4,047	1,730,277	896	234,923	85	13,425	595,045	25,185	30,517	386,316	153,027	5,527,090	4,847,388	679,702	9,638,751	22

SPECIFIED INDUSTRIES: 1900.

181,879	$94,463,105	51,661	$14,281,265	8,042	$1,344,235	$42,654,076	$3,165,268	$1,892,699	$31,374,717	$6,221,392	$360,945,843	$351,076,937	$9,868,906	$611,748,933	1
145	59,408	2	675	------	------	23,827	60	1,018	22,449	300	115,697	112,729	2,968	249,963	2
11	3,671	60	15,993	4	670	2,151	1,554	275	322	------	18,148	17,789	359	63,032	3
53	24,738	5	1,358	------	------	7,961	------	447	7,514	------	110,510	107,696	2,814	182,825	4
71	39,145	40	14,826	4	515	8,678	5,619	452	2,539	68	78,619	77,968	651	196,659	5
11	6,620	------	------	------	------	5,833	480	335	5,018	------	226,645	225,375	1,270	259,500	6
38	17,808	45	11,490	5	768	268,834	440	803	267,591	------	507,309	504,054	3,255	1,126,734	7
98	33,071	2	355	9	1,646	2,784	991	383	1,410	------	29,539	28,685	854	104,835	8
44	19,748	------	------	6	650	5,437	1,872	590	2,975	------	69,393	68,205	1,188	122,774	9
628	360,201	119	33,031	29	5,260	98,906	------	13,823	78,987	6,096	1,870,352	1,836,579	33,773	2,800,145	10
227	104,124	3	864	11	1,658	54,834	36,262	1,635	15,614	1,323	250,808	244,923	5,885	630,481	11
170	68,185	12	2,972	1	186	19,548	3,490	718	14,540	800	147,317	141,870	5,447	295,226	12
50	26,230	24	8,152	1	75	23,496	3,360	1,050	16,376	2,710	140,754	138,328	2,426	251,966	13
1,096	594,318	------	------	14	2,688	100,231	63,747	11,424	22,351	2,709	684,675	645,381	39,294	2,461,407	14
123	56,414	101	24,312	13	1,665	11,668	7,776	522	3,325	45	68,594	67,058	1,536	237,891	15
40	19,990	38	11,294	------	------	2,905	508	165	2,232	------	112,452	111,875	577	246,070	16
72	34,055	56	15,873	------	------	10,084	2,787	775	5,656	866	130,100	128,710	1,390	286,869	17
4	1,860	------	------	------	------	594	296	64	234	------	3,524	3,474	50	8,375	18
327	133,202	1	364	8	990	99,252	85,890	2,270	9,244	1,848	318,093	308,985	9,108	990,480	19
2,740	1,259,819	1,497	427,732	184	35,605	391,043	19,170	8,567	335,220	28,086	4,210,472	4,184,935	25,537	6,978,043	20
467	224,288	7	1,633	5	1,003	142,401	33,118	6,649	102,634	------	1,321,854	1,313,488	8,366	2,196,668	21
15	8,368	26	7,502	------	------	1,342	120	245	977	------	23,586	22,582	1,004	48,351	22
257	100,077	812	173,067	11	1,614	52,446	9,238	2,943	40,265	------	397,996	388,704	9,292	896,962	23
217	101,046	101	20,718	18	2,728	23,430	3,850	1,717	17,863	------	290,222	286,332	3,890	524,217	24
515	265,061	3	951	15	3,451	54,800	7,288	4,859	42,053	600	1,324,073	1,297,176	26,897	1,798,561	25
165	76,318	180	50,370	65	10,102	22,363	1,990	2,100	17,573	700	193,910	187,991	5,919	431,846	26
2,411	1,340,825	226	60,280	64	10,870	374,787	174,405	28,925	171,157	300	4,561,905	4,426,789	135,116	8,183,144	27
2,320	826,598	12	3,807	38	5,250	180,105	23,526	12,229	142,403	1,947	319,637	93,024	226,613	1,845,950	28
135	63,753	------	------	------	------	33,363	250	136	2,977	30,000	273,900	269,050	4,850	397,000	29
224	98,883	124	36,484	17	1,660	52,734	11,828	796	40,110	------	398,584	393,708	4,876	803,186	30
551	258,119	544	135,610	74	16,327	37,879	16,521	1,458	19,900	------	398,616	388,354	10,262	1,025,544	31
55	33,751	7	1,800	16	2,566	6,788	4,246	204	2,338	------	42,989	41,964	1,025	114,532	32
6,526	4,146,564	8	1,368	5	1,031	1,326,363	38,331	25,578	127,570	1,134,884	7,492,535	7,468,154	24,381	15,363,033	33
759	283,005	326	84,881	86	11,537	45,610	970	4,766	39,874	------	867,959	849,057	18,902	1,522,827	34
24	9,510	5	1,070	1	74	2,408	1,211	404	793	------	15,630	15,018	612	49,483	35
513	203,788	4	1,426	1	240	49,769	10,520	3,504	35,745	------	511,016	499,839	11,177	943,481	36
1,900	1,076,042	2	602	7	1,101	186,025	37,900	22,295	111,127	14,703	1,333,685	1,296,195	37,490	3,626,442	37
4,587	2,397,518	7	2,157	------	------	195,707	------	17,078	76,411	102,218	2,301,699	2,250,456	51,243	5,034,267	38
229	145,928	------	------	------	------	3,512	870	2,012	630	------	187,898	186,426	1,472	380,804	39
74	36,852	------	------	------	------	9,219	1,372	1,165	6,632	50	488,105	477,465	10,640	610,006	40
2,755	1,473,582	289	100,918	4	632	638,013	17,337	52,403	549,796	18,477	6,994,508	6,617,118	377,390	12,207,289	41
54	33,831	81	22,991	12	1,654	9,406	1,612	413	6,981	400	68,178	66,555	1,623	168,184	42
16	8,772	1	320	------	------	3,750	1,395	190	2,165	------	14,326	13,947	379	34,855	43
1,076	594,540	294	76,973	26	3,885	342,773	143,191	9,329	56,145	134,108	1,406,079	1,390,571	15,508	3,277,880	44
1,162	569,348	1,523	429,292	71	9,687	212,421	45,136	5,928	56,837	104,520	1,328,182	1,306,548	21,634	3,033,383	45
3	1,134	6	1,505	------	------	495	306	34	155	------	1,300	1,268	32	9,116	46

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
47	Clothing, women's, dressmaking	550	$428,442	$65,505	$102,300	$64,726	$195,911	591	9	$3,696	1,036	$305,390
48	Clothing, women's, factory product	57	1,298,827	72,300	169,119	135,706	921,702	73	144	125,420	2,389	644,394
49	Coffee and spice, roasting and grinding	11	273,257	29,200	31,800	19,335	192,922	19	29	22,106	54	24,765
50	Coffins, burial cases, and undertakers' goods.	4	304,237	30,700	29,800	30,300	213,437	4	13	15,679	204	122,525
51	Confectionery	200	869,619	154,150	203,772	203,494	308,203	230	124	46,308	493	201,214
52	Cooperage	36	454,862	80,110	97,069	55,351	222,332	39	19	28,836	386	187,327
53	Copper, smelting and refining	7	6,943,886	854,154	1,568,545	970,991	3,550,196	2	74	138,728	1,707	915,112
54	Cork, cutting	8	102,530	4,750	9,300	23,130	65,350	7	14	11,060	157	46,340
55	Corsets	10	546,466	18,000	103,000	73,974	351,492	18	63	61,624	1,332	423,737
56	Cotton goods	20	13,989,374	800,018	2,888,476	5,128,363	5,172,517	10	141	250,548	5,518	1,887,119
57	Cotton small wares	5	409,917	7,500	47,300	222,312	132,805	1	16	18,730	163	43,821
58	Cutlery and edge tools	19	629,022	76,425	94,863	159,852	297,882	16	90	103,285	775	328,670
59	Dentists' materials	3	69,586	1,050	1,800	10,706	56,030	2	1	2,000	14	6,534
60	Druggists' preparations, not including prescriptions.	4	729,373	47,584	123,000	174,569	384,220	3	70	97,090	166	66,805
61	Drug grinding	4	1,392,678	40,903	205,527	281,644	864,599	4	22	39,514	299	143,779
62	Dyeing and cleaning	46	251,490	37,400	54,500	46,440	113,150	52	51	19,350	158	73,214
63	Dyeing and finishing textiles	59	11,600,695	651,481	2,100,396	4,624,059	4,224,759	47	353	614,910	7,074	3,003,491
64	Dye stuffs and extracts	10	591,916	121,000	76,000	131,553	263,363	7	32	33,783	88	40,067
65	Electrical apparatus and supplies	35	7,380,139	182,693	765,707	1,530,224	4,901,515	15	543	598,011	2,793	1,514,333
66	Electrical construction and repairs	47	246,125	54,100	16,700	33,810	141,515	52	21	18,742	237	122,035
67	Electroplating	11	42,680	5,000	10,000	13,075	14,605	15	2	1,716	70	27,260
68	Enameling and enameled goods	9	44,082	2,750	6,777	21,825	12,730	8	4	2,756	25	12,118
69	Engraving and diesinking	15	108,820	4,600	13,800	57,710	32,710	25	5	5,660	110	68,928
70	Engraving, steel, including plate printing.	6	50,452	1,400	1,800	32,450	14,802	10	5	5,568	62	40,860
71	Explosives	10	4,283,307	136,125	502,664	556,104	3,088,414	-------	255	206,822	1,146	563,621
72	Fancy articles, not elsewhere specified	30	1,331,289	86,506	189,600	350,859	704,324	31	212	223,122	1,520	501,958
73	Felt goods	4	806,057	55,000	102,000	161,819	487,238	-------	8	19,650	206	83,514
74	Fertilizers	28	5,690,270	556,585	608,382	652,477	3,872,826	30	155	230,330	962	441,177
75	Files	8	80,877	4,700	13,000	28,177	35,000	9	5	3,000	83	44,955
76	Fireworks	10	174,065	40,900	54,175	15,740	63,250	9	11	10,200	325	91,841
77	Flavoring extracts	13	64,159	5,500	7,300	4,286	47,073	15	2	400	36	10,784
78	Flouring and grist mill products	354	3,004,408	370,695	775,210	733,574	1,124,929	398	62	42,098	431	219,951
79	Food preparations	37	1,289,257	43,420	235,635	270,202	740,000	37	112	150,844	373	150,351
80	Foundry and machine shop products	353	31,550,687	2,863,513	4,639,391	7,652,936	16,394,847	302	1,278	1,741,072	17,918	9,375,824
81	Fruits and vegetables, canning and preserving.	73	1,429,221	111,805	334,279	250,618	732,519	90	63	33,830	1,992	422,092
82	Fur goods	11	110,895	15,500	20,924	4,811	69,660	12	11	6,590	43	23,622
83	Fur hats	59	2,932,311	242,930	484,751	500,950	1,703,680	66	154	186,266	4,745	2,487,067
84	Furnishing goods, men's	8	244,027	15,500	24,500	29,727	174,300	12	11	6,195	410	114,826
85	Furniture, cabinetmaking, repairing, and upholstering.	215	364,874	44,205	90,759	54,942	174,968	239	15	7,416	342	176,877
86	Furniture, factory product	25	598,970	47,275	116,923	89,059	345,713	24	62	43,125	498	254,430
87	Furs, dressed	3	5,525	-------	-------	3,700	1,825	4	1	725	21	15,270
88	Gas and lamp fixtures	17	1,884,258	48,100	136,400	191,401	1,508,357	17	128	168,218	2,011	678,850
89	Gas, illuminating and heating	34	38,872,444	2,119,343	2,332,275	31,743,126	2,677,700	-------	347	271,695	1,320	684,219
90	Gas machines and meters	4	122,439	28,900	15,700	25,000	52,839	2	10	8,524	26	12,339
91	Glass	26	5,397,662	330,136	1,164,071	358,600	3,549,855	18	317	284,960	5,383	2,462,745
92	Glass, cutting, staining, and ornamenting.	24	105,950	13,550	21,250	16,900	54,250	36	6	4,130	156	78,342
93	Gloves and mittens	4	41,394	5,000	6,600	5,100	24,694	5	-------	-------	131	47,002
94	Glue	4	247,736	17,446	40,384	133,251	56,655	1	11	13,891	68	23,021
95	Gold and silver, leaf and foil	10	45,305	2,075	4,400	15,075	23,755	11	3	4,700	128	45,142
96	Gold and silver, reducing and refining, not from the ore.	12	527,125	16,500	16,000	58,125	436,500	16	24	25,264	40	26,352
97	Grease and tallow	32	184,121	44,200	38,050	27,370	74,501	34	7	7,112	84	35,874
98	Hairwork	15	22,995	500	700	3,895	17,900	15	2	1,924	47	13,127
99	Hand knit goods	9	19,513	1,650	2,600	5,205	10,058	10	1	600	20	4,353
100	Hand stamps	4	3,900	-------	-------	2,100	1,800	4	-------	-------	5	1,290
101	Hardware	25	946,289	75,300	105,450	311,171	454,368	20	60	76,110	933	377,497
102	Hardware, saddlery	19	562,585	63,500	97,500	116,992	284,593	24	37	38,719	467	220,542
103	Hat and cap materials	19	183,785	24,750	25,750	52,380	80,905	19	16	21,940	272	81,485
104	Hats and caps, not including fur hats and wool hats.	34	503,635	49,100	96,948	79,103	278,484	42	41	42,106	841	280,490
105	Hosiery and knit goods	16	1,973,482	83,000	256,855	742,687	890,940	5	61	73,043	1,841	446,608
106	Ice, manufactured	26	1,653,028	175,700	396,470	970,344	110,514	12	52	37,999	183	94,070
107	Ink, printing	7	429,544	30,700	139,150	65,100	194,594	5	36	37,232	60	31,209
108	Ink, writing	4	81,000	2,000	3,000	16,700	59,300	1	45	23,029	37	12,197
109	Instruments, professional and scientific	18	409,577	33,400	71,100	145,886	159,191	24	41	47,594	255	118,191
110	Iron and steel	25	19,971,609	1,658,608	2,430,631	3,350,834	12,531,536	2	332	497,245	8,288	3,892,941
111	Iron and steel, forgings	7	446,543	11,962	9,504	285,334	139,743	5	10	17,454	184	107,064
112	Ironwork, architectural and ornamental.	33	629,041	103,750	80,127	89,713	355,451	39	54	51,937	551	325,207
113	Ivory and bone work	7	96,315	200	1,525	26,813	67,777	11	15	13,442	161	55,982
114	Japanning	5	12,825	3,600	4,700	1,400	3,125	4	-------	-------	16	6,942
115	Jewelry	100	5,523,452	68,250	155,700	567,924	4,731,578	168	321	395,083	2,779	1,563,973
116	Kaolin and other earth grinding	9	375,984	60,500	65,000	80,917	169,567	4	24	25,203	167	77,594

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
118	$64,355	902	$238,848	16	$2,187	$71,800	$59,671	$2,275	$9,111	$743	$350,508	$344,226	$6,282	$1,123,413	47
212	85,895	2,099	547,693	78	10,806	135,612	19,683	4,456	103,055	8,418	1,156,341	1,144,136	12,205	2,561,034	48
46	22,948	5	1,490	3	327	10,961	2,030	1,300	7,631	------	302,311	298,630	3,681	406,114	49
193	119,523	9	2,716	2	286	15,323	7,500	912	6,911	------	171,609	169,617	1,992	393,574	50
330	161,251	153	38,634	10	1,329	110,866	61,465	6,454	41,832	1,115	792,258	776,630	15,628	1,593,852	51
384	186,927	------	------	2	400	29,782	2,740	5,573	21,469	------	448,187	445,974	2,213	867,228	52
1,705	914,812	------	------	2	300	290,423	1,500	10,080	248,843	30,000	32,545,179	32,084,283	460,896	38,365,131	53
56	23,396	94	21,600	7	1,344	6,764	2,836	194	3,734	------	142,540	140,415	2,125	233,879	54
140	97,693	1,158	320,994	34	5,050	39,311	9,590	2,799	26,922	------	579,287	573,371	5,916	1,304,886	55
2,088	1,002,178	2,789	792,990	641	91,951	403,119	5,585	55,078	338,732	3,724	2,926,876	2,803,880	122,996	6,540,289	56
56	22,535	80	18,059	27	3,227	25,265	1,000	1,086	17,954	5,225	230,892	226,188	4,701	390,477	57
735	318,650	29	8,806	11	1,214	40,437	7,004	2,928	30,505	------	247,547	232,431	15,116	821,735	58
9	4,714	5	1,820	------	------	2,560	240	27	2,293	------	17,059	16,342	717	48,535	59
70	38,102	95	28,545	1	158	208,664	240	5,062	203,362	------	311,578	308,259	3,319	864,863	60
299	143,779	------	------	------	------	117,870	720	5,798	111,352	------	1,144,437	1,099,152	45,285	1,468,960	61
104	56,126	52	16,750	2	338	20,692	10,835	2,010	6,992	855	119,126	110,202	8,924	323,728	62
6,120	2,775,797	786	197,093	168	30,601	809,580	31,554	35,296	738,914	3,816	4,513,768	4,093,093	420,675	10,488,963	63
78	38,618	10	1,449	------	------	49,482	3,745	2,220	43,517	------	282,332	269,300	13,032	502,798	64
2,505	1,430,591	218	69,044	70	14,698	769,135	34,687	16,056	718,392	------	2,996,908	2,929,950	66,958	6,447,154	65
233	120,891	3	1,000	1	144	21,013	10,828	1,346	8,064	775	228,971	225,985	2,986	503,282	66
68	26,836	1	325	1	99	3,700	2,209	194	1,297	------	16,400	14,001	2,399	69,567	67
16	9,032	9	3,086	------	------	1,489	1,064	58	367	------	9,381	8,613	768	33,601	68
95	65,458	4	1,520	11	1,950	9,244	4,114	260	4,855	15	12,780	11,399	1,381	148,153	69
60	40,160	2	700	------	------	3,019	2,628	77	314	------	2,614	1,934	680	58,770	70
1,137	561,743	8	1,732	1	146	215,621	------	8,326	207,295	------	2,048,837	1,966,074	82,763	3,549,216	71
579	308,537	904	188,215	37	5,206	191,329	13,214	3,762	123,603	50,750	1,027,358	1,018,003	9,355	2,190,272	72
180	77,798	26	5,716	------	------	17,523	1,070	4,909	11,544	------	377,312	364,223	13,089	691,203	73
929	432,451	30	7,894	3	832	312,500	11,069	18,429	282,268	734	3,146,022	3,096,056	49,966	4,290,629	74
80	44,317	------	------	3	638	5,719	1,688	221	3,810	------	27,334	24,588	2,746	104,900	75
114	56,274	126	26,377	85	9,190	4,700	983	625	3,092	------	86,896	85,288	1,608	241,556	76
12	6,734	23	3,894	1	156	4,125	1,332	271	2,522	------	44,249	44,034	215	78,763	77
427	219,265	------	------	4	686	102,630	25,083	16,947	60,600	------	5,243,121	5,206,625	36,496	6,371,997	78
235	115,753	120	32,287	18	2,311	181,573	8,323	4,048	169,022	180	669,656	655,277	14,379	1,281,971	79
17,344	9,238,861	362	96,912	212	40,051	1,908,216	142,191	132,846	1,519,627	113,552	14,879,987	14,233,098	646,889	32,621,229	80
818	232,316	1,088	180,952	86	8,824	83,418	1,440	6,493	75,485	------	1,401,101	1,383,671	17,430	2,199,176	81
28	17,472	15	6,150	------	------	10,917	3,899	897	6,121	------	49,819	49,279	540	114,771	82
3,507	2,071,822	1,199	405,795	39	9,450	253,998	28,912	11,622	188,682	24,782	3,636,521	3,517,819	118,702	7,211,229	83
53	28,902	344	83,884	13	2,040	27,605	1,610	1,100	24,895	------	480,313	478,824	1,489	770,579	84
302	165,937	33	9,322	7	1,618	50,592	27,900	2,578	15,028	5,086	295,682	291,030	4,652	711,389	85
484	250,460	13	3,788	1	182	62,048	10,022	2,898	36,128	13,000	307,246	298,946	8,300	808,185	86
21	15,270	------	------	------	------	1,292	835	12	445	------	8,935	8,131	804	34,628	87
620	288,285	1,210	357,794	181	32,771	233,744	10,409	6,112	216,223	1,000	1,228,448	1,205,624	22,824	2,858,748	88
1,320	684,219	------	------	------	------	1,074,887	163,488	146,719	764,680	------	785,979	748,753	37,226	3,767,751	89
26	12,339	------	------	------	------	9,000	360	835	7,805	------	13,799	13,264	535	59,940	90
4,366	2,278,306	170	32,726	847	151,713	241,655	683	21,663	212,900	6,409	1,488,700	1,042,872	445,828	5,093,822	91
142	75,752	11	2,070	8	520	7,691	4,116	478	3,047	50	98,859	88,126	10,733	251,603	92
40	26,873	91	20,129	------	------	1,221	260	204	757	------	62,825	62,380	445	126,065	93
66	22,646	------	------	2	375	7,022	1,044	869	5,109	------	75,730	70,979	4,751	142,849	94
57	30,034	71	15,108	------	------	2,342	726	124	1,492	------	102,621	102,137	484	175,602	95
39	26,152	------	------	1	200	15,034	5,732	2,827	6,463	12	2,092,272	2,085,572	6,700	2,252,118	96
82	35,698	------	------	2	176	11,250	1,565	842	8,843	------	256,919	247,613	9,306	365,172	97
6	2,164	41	10,963	------	------	5,191	3,764	54	1,373	------	21,403	21,118	285	58,935	98
4	1,216	15	3,000	1	137	5,336	724	95	91	4,425	14,142	14,087	55	33,440	99
3	980	1	150	1	160	1,438	579	109	150	600	1,658	1,611	47	8,148	100
821	358,161	32	8,187	80	11,149	55,437	12,434	5,144	34,559	3,300	502,962	486,820	16,142	1,184,278	101
440	213,171	15	4,433	12	2,938	30,807	5,054	2,050	23,603	100	203,028	191,812	11,216	599,011	102
117	51,972	140	27,803	15	1,710	13,468	6,489	1,658	5,296	25	641,649	631,450	10,199	802,215	103
377	170,719	463	109,621	1	150	51,325	10,748	2,234	38,343	------	530,243	517,214	13,029	1,105,205	104
602	187,756	1,087	241,974	152	16,878	122,374	7,148	10,380	103,846	1,000	997,110	982,098	15,012	1,748,148	105
182	93,570	1	500	------	------	51,276	4,325	7,510	39,441	------	108,158	33,567	74,591	391,685	106
57	30,689	2	364	1	156	22,812	460	1,558	20,794	------	93,056	86,809	6,247	234,116	107
17	7,454	18	4,493	2	250	6,474	2,300	612	3,562	------	53,441	52,710	731	144,500	108
216	108,765	22	6,270	17	3,156	15,516	2,425	1,280	11,811	------	78,416	74,251	4,165	359,087	109
8,047	3,834,707	176	49,214	65	9,020	1,146,984	6,666	55,960	1,084,358	------	16,310,425	14,950,110	1,360,315	24,381,699	110
184	107,064	------	------	------	------	10,692	4,006	699	5,987	------	123,635	109,826	13,809	287,542	111
549	324,857	------	------	2	350	63,863	8,039	5,691	34,115	16,018	777,549	764,149	13,400	1,394,070	112
121	47,606	31	7,148	9	1,228	4,360	3,358	106	896	------	96,969	94,890	2,079	200,588	113
14	6,654	1	192	1	96	768	108	127	533	------	7,083	6,408	675	25,100	114
1,968	1,279,260	775	277,522	36	7,191	420,248	58,646	15,420	346,109	73	3,828,855	3,804,173	24,682	7,379,777	115
167	77,594	------	------	------	------	16,592	2,525	2,607	11,460	------	276,507	252,523	23,984	479,113	116

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
117	Kindling wood	9	$27,470	$6,310	$4,475	$9,475	$7,210	11	------	------	17	$6,200
118	Lamps and reflectors	10	868,903	100,707	123,078	173,872	471,246	7	52	$67,261	451	205,341
119	Lasts	3	63,122	------	25,000	27,631	10,491	3	4	6,516	44	20,519
120	Leather goods	13	58,093	6,800	6,350	20,560	24,383	13	11	4,815	97	29,531
121	Leather, tanned, curried, and finished	77	9,906,119	1,064,690	1,241,677	772,302	6,827,450	72	276	412,847	4,178	2,057,197
122	Lime and cement	34	2,732,320	382,903	697,734	770,377	881,306	26	67	74,199	995	441,821
123	Linen goods	3	2,535,791	201,236	564,870	470,177	1,299,508	1	42	56,641	1,476	449,670
124	Liquors, distilled	31	304,934	8,010	50,775	42,125	204,024	33	3	7,320	71	30,278
125	Liquors, malt	45	26,330,466	1,559,072	6,212,028	5,106,292	13,453,074	18	350	818,888	1,723	1,360,915
126	Liquors, vinous	11	379,096	12,850	84,840	18,688	262,718	6	21	9,404	48	17,461
127	Lithographing and engraving	3	40,067	------	------	38,180	1,887	1	5	5,000	31	13,684
128	Lock and gun smithing	63	48,319	5,150	7,100	17,113	18,956	64	1	75	39	19,009
129	Looking-glass and picture frames	44	105,032	7,100	10,600	11,444	75,888	46	12	5,570	73	30,885
130	Lumber and timber products	205	1,477,930	390,677	136,090	369,413	581,750	246	30	22,136	706	305,486
131	Lumber, planing mill products, including sash, doors, and blinds.	113	3,985,044	502,078	519,287	849,018	2,114,661	122	168	183,922	1,993	1,060,680
132	Mantels, slate, marble, and marbleized	7	29,355	1,000	6,000	2,555	19,800	10	------	------	25	17,400
133	Marble and stone work	78	2,048,399	486,625	171,979	395,488	994,307	81	90	97,006	1,337	729,575
134	Masonry, brick and stone	297	2,083,800	199,060	228,720	251,052	1,404,968	355	62	59,044	4,145	2,394,922
135	Mattresses and spring beds	26	418,546	48,300	119,200	37,872	213,174	29	19	27,050	217	78,688
136	Millinery and lace goods	17	103,285	15,425	30,400	25,325	32,135	19	3	1,521	155	64,960
137	Millinery, custom work	303	704,220	125,423	146,650	24,478	407,669	349	52	24,795	706	218,126
138	Mineral and soda waters	122	982,134	121,075	197,850	402,405	260,804	142	39	23,092	436	224,950
139	Mirrors	4	60.100	1,500	13,200	12,500	32,900	9	4	6,404	99	40,097
140	Models and patterns	29	91,156	10,220	16,000	23,640	41,296	34	3	1,325	149	124,612
141	Monuments and tombstones	92	452,803	55,920	61,648	25,920	309,315	110	15	12,920	223	139,377
142	Mucilage and paste	6	46,696	------	600	11,797	34,299	4	5	2,060	20	10,147
143	Musical instruments and materials, not specified.	13	1,109,878	16,200	177,402	291,407	624,869	10	34	39,278	740	305,439
144	Musical instruments, organs and materials.	5	593,150	24,000	96,000	39,650	433,500	5	52	31,430	434	201,933
145	Musical instruments, pianos and materials.	10	813,743	102,000	112,100	362,090	237,553	11	19	12,942	329	158,450
146	Oil, not elsewhere specified	11	1,122,295	52,520	169,426	126,736	773,613	4	104	159,543	137	74,625
147	Oilcloth, floor	6	2,552,800	231,000	770,098	743,753	807,949	2	48	74,812	863	465,226
148	Optical goods	10	18,520	------	------	3,580	14,940	16	5	3,500	8	3,430
149	Painting, house, sign, etc	678	1,287,322	167,890	227,695	154,972	736,765	782	66	42,488	2,622	1,540,541
150	Paints	27	2,507,867	122,350	357,206	404,697	1,623,614	20	131	178,228	626	317,786
151	Paper and wood pulp	34	3,670,717	419,716	776,201	1,442,276	1,032,524	25	93	162,738	1,190	553,463
152	Paper goods, not elsewhere specified	15	984,149	75,600	167,133	319,091	422,325	10	43	54,504	306	131,337
153	Paper hanging	66	145,245	18,900	17,600	5,845	102,900	71	3	1,492	196	108,816
154	Paper hangings	5	1,427,508	10,000	125,407	324,846	967,255	6	60	100,274	609	276,204
155	Patent medicines and compounds	35	448,669	35,120	83,478	52,863	277,208	27	68	68,572	107	50,351
156	Paving and paving materials	81	1,080,270	185,210	107,923	252,718	534,419	87	71	65,030	1,782	687,911
157	Perfumery and cosmetics	10	29,769	50	200	5,092	24,427	5	16	12,330	44	11,599
158	Petroleum, refining	4	23,332,426	3,011,007	1,695,020	9,857,910	8,768,489	2	149	301,071	2,951	1,768,768
159	Photographic apparatus	3	279,275	12,000	41,334	48,099	177,842	2	30	22,846	175	75,110
160	Photographic materials	4	70,667	1,000	9,707	18,787	41,173	1	18	21,261	50	20,340
161	Photography	166	790,122	41,085	141,002	182,577	425,458	176	13	14,637	332	130,212
162	Photolithographing and photoengraving.	3	15,196	------	------	9,700	5,496	4	------	------	16	7,300
163	Pickles, preserves, and sauces	22	847,891	79,520	152,850	137,965	477,556	28	77	79,510	418	142,733
164	Pipes, tobacco	3	3,650	1,300	600	950	800	4	------	------	9	2,081
165	Plastering and stuccowork	34	234,923	44,845	40,901	36,156	113,021	38	16	14,974	118	63,942
166	Plumbers' supplies	6	192,440	8,000	26,100	51,222	107,118	4	14	24,812	166	85,523
167	Plumbing, and gas and steam fitting	639	2,995,498	326,920	489,035	322,186	1,857,357	763	142	95,231	3,363	1,882,558
168	Pocketbooks	3	344,499	24,120	72,000	20,250	228,129	3	18	48,283	614	197,099
169	Pottery, terra cotta, and fire-clay products.	81	15,324,966	2,415,663	5,009,945	3,118,988	4,780,370	67	464	634,238	8,117	3,841,404
170	Printing and publishing, book and job	183	1,929,935	145,956	218,777	1,072,638	497,564	206	165	152,230	1,447	624,079
171	Printing and publishing, newspapers and periodicals.	261	4,210,257	440,915	468,162	2,331,640	969,540	240	354	344,461	2,077	1,162,033
172	Refrigerators	6	82,150	27,500	19,000	7,050	28,600	7	6	2,370	49	29,349
173	Roofing and roofing materials	86	1,132,831	101,461	180,130	152,830	698,410	87	91	98,139	580	328,793
174	Rubber and elastic goods	37	6,078,155	195,376	581,060	1,199,374	4,099,345	7	254	378,013	2,609	1,150,503
175	Saddlery and harness	292	1,272,900	158,260	170,245	154,456	789,939	321	55	53,542	965	455,064
176	Sausage	9	87,250	23,850	33,350	16,900	13,150	9	------	------	33	20,430
177	Saws	4	571,283	71,296	58,800	188,427	252,760	2	24	24,284	140	67,221
178	Scales and balances	7	490,922	11,700	13,300	73,320	392,602	5	20	20,120	69	38,470
179	Sewing machine repairing	12	6,011	------	------	2,158	3,853	13	------	------	3	1,525
180	Sewing machines and attachments	4	4,317,666	425,000	1,013,676	964,956	1,914,034	------	132	182,931	4,701	2,809,523
181	Ship and boat building, wooden	64	1,670,969	178,054	210,227	616,894	665,794	60	69	75,859	1,416	778,103
182	Shipbuilding, iron and steel	4	2,015,363	557,000	189,500	414,436	854,427	1	54	82,168	1,458	1,014,106
183	Shirts	39	969,994	88,972	205,100	181,718	494,204	49	66	54,596	3,072	949,896
184	Shoddy	4	538,936	49,290	98,953	128,751	261,942	------	15	30,100	156	56,027
185	Silk and silk goods	180	29,285,792	733,367	2,966,084	7,297,856	18,288,485	197	959	1,144,512	24,157	9,232,532
186	Silversmithing	7	1,103,836	13,426	400,917	312,928	376,565	4	45	53,801	613	353,218
187	Silverware	7	655,077	------	------	109,604	545,473	12	63	59,666	317	170,117
188	Slaughtering and meat packing, wholesale.	22	1,033,847	110,000	253,000	182,421	488,426	30	82	72,226	352	186,737
189	Slaughtering, wholesale, not including meat packing.	19	554,542	25,533	44,200	20,600	464,209	30	18	21,854	206	145,088
190	Smelting and refining, not from the ore	8	2,161,964	140,830	261,666	1,585,400	174,068	8	10	19,498	201	76,828
191	Soap and candles	17	1,724,137	192,150	258,420	296,234	977,333	16	177	213,795	540	207,612

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
17	$6,200					$1,895	$385	$512	$998		$13,247	$12,542	$705	$26,265	117
336	174,299	112	$30,418	3	$624	109,404	3,896	2,013	103,495		262,167	254,048	8,119	795,669	118
44	20,519					4,202	2,298	109	1,795		19,145	17,928	1,217	65,363	119
42	18,276	44	9,305	11	1,950	4,811	2,328	308	2,175		50,254	49,342	912	112,899	120
4,101	2,038,955	39	9,900	38	8,342	507,753	31,817	36,667	428,137	$11,132	9,532,507	9,424,541	107,966	13,747,155	121
995	441,821					123,650	13,034	9,238	101,378		936,750	651,268	285,482	1,767,548	122
382	199,964	778	210,801	316	38,905	174,979	600	28,557	145,822		1,313,111	1,291,243	21,868	2,168,570	123
70	30,086	1	192			633,516	9,180	1,727	622,409	200	126,707	114,207	12,500	884,802	124
1,715	1,358,715	2	1,000	6	1,200	6,733,772	5,520	112,564	6,615,688		2,782,420	2,581,748	200,672	14,386,456	125
37	16,321	5	1,140			12,500	850	933	10,692	25	63,456	62,976	480	241,777	126
19	10,560	12	3,124			2,335	1,230	20	1,085		14,271	13,655	616	37,660	127
35	18,037	2	572	2	400	12,421	9,663	313	2,095	350	25,926	24,483	1,443	101,614	128
64	29,202	1	300	8	1,383	15,039	11,632	532	2,724	151	92,060	91,185	875	192,487	129
704	305,186			2	300	51,237	7,498	10,330	33,409		998,161	997,266	895	1,859,014	130
1,983	1,057,780	5	1,650	5	1,250	186,678	26,904	24,427	130,247	5,100	2,902,997	2,873,270	29,727	5,107,217	131
25	17,400					3,210	1,848	110	452	800	40,851	40,711	140	89,450	132
1,330	727,695			7	1,880	191,783	16,823	10,848	128,627	35,485	819,142	788,740	30,402	2,203,757	133
4,140	2,394,307			5	615	455,153	11,381	8,101	124,615	311,056	3,245,515	3,232,519	12,996	7,351,611	134
157	63,184	54	14,644	6	860	18,062	4,814	2,554	9,454	1,240	258,351	256,148	2,203	463,407	135
39	29,690	99	31,895	17	3,375	7,464	1,756	886	3,562	1,260	57,882	57,030	852	172,240	136
21	11,288	676	205,701	9	1,137	91,805	63,918	4,239	22,492	1,156	761,373	755,673	5,700	1,477,305	137
422	221,786	2	602	12	2,562	62,831	12,143	5,865	44,783	40	364,214	355,378	8,836	1,067,642	138
76	34,821	10	2,916	13	2,360	2,269	1,240	265	764		62,829	61,589	1,240	130,782	139
143	123,508	5	1,020	1	84	7,967	4,505	431	2,631	400	28,840	26,723	2,117	226,312	140
223	139,377					29,481	5,283	2,484	15,898	5,816	346,273	340,370	5,903	677,861	141
13	7,700	4	1,715	3	732	6,453	1,613	219	4,621		54,884	54,562	322	90,827	142
596	330,883	135	32,476	9	2,080	62,804	1,511	3,024	58,269		364,737	355,166	9,571	879,521	143
433	201,583	1	350			129,577	360	2,577	126,390	250	316,262	311,123	5,139	772,485	144
299	158,867	5	1,206	25	3,377	56,393	5,885	1,399	48,709	400	246,771	241,736	5,035	559,693	145
133	73,475	4	1,150			107,702	1,230	3,519	102,953		1,851,179	1,841,719	9,460	2,341,900	146
843	457,796	2	840	18	6,590	132,894		13,557	119,337		1,735,377	1,692,805	42,572	2,844,583	147
7	3,270			1	160	5,518	3,124	65	2,073	256	22,782	22,347	435	56,725	148
2,611	1,538,256	3	870	8	1,415	122,536	66,289	7,011	47,231	2,005	978,842	974,469	4,373	3,618,539	149
558	299,972	68	17,814			191,449	8,524	10,564	158,290	14,071	2,519,447	2,463,087	56,360	3,460,362	150
1,030	517,783	152	34,084	8	1,596	242,793	16,606	16,356	190,139	19,692	1,715,312	1,503,828	211,484	3,195,302	151
245	116,657	48	11,510	13	3,170	86,152	4,105	4,071	77,976		745,444	731,015	14,429	1,168,352	152
192	108,298	4	518			12,171	8,750	673	2,514	234	109,349	108,720	629	310,094	153
516	252,859	78	19,379	15	3,966	96,910	16,000	4,214	76,696		1,004,474	988,807	15,667	1,507,746	154
76	41,370	30	8,877	1	104	181,007	5,907	1,731	173,369		169,367	165,982	3,385	579,343	155
1,777	687,216			5	695	142,953	16,776	4,894	48,271	73,012	676,698	646,965	29,733	1,953,473	156
18	6,420	25	4,979	1	200	40,615	2,929	111	34,575	3,000	66,092	65,482	610	142,032	157
2,930	1,764,368			21	4,400	551,211	4,807	71,484	467,169	7,751	26,710,213	25,935,969	774,244	29,649,460	158
146	67,262	14	5,451	15	2,397	33,873	800	411	31,262	1,400	72,102	69,964	2,138	221,923	159
26	15,541	23	4,549	1	250	15,363	4,570	260	10,533		153,586	151,072	2,514	387,217	160
197	92,225	132	37,621	3	366	96,957	43,085	1,909	50,898	1,065	286,987	283,191	3,796	793,827	161
14	6,838	1	312	1	150	1,587	900	35	652		3,520	3,160	360	21,500	162
283	105,789	132	36,432	3	512	111,439	4,574	2,349	104,516		873,262	862,355	10,907	1,829,852	163
5	1,456	2	400	2	225	239	24	23	192		923	863	60	4,112	164
118	63,942					11,940	2,482	1,587	7,671	200	112,937	108,756	4,181	272,204	165
166	85,523					15,963	5,383	1,576	9,004		161,339	151,119	10,220	324,221	166
3,324	1,874,808	5	1,716	34	6,034	226,551	96,835	13,704	92,184	23,828	3,345,388	3,312,531	32,857	7,205,076	167
343	151,180	211	33,919	60	12,000	34,337	100	2,572	31,665		454,244	452,390	1,854	852,324	168
7,007	3,521,820	917	283,282	193	36,302	792,475	14,371	55,198	690,482	32,424	2,384,059	1,673,948	710,111	8,940,723	169
995	510,499	379	100,541	73	13,039	110,700	39,922	6,027	60,325	4,426	695,122	673,429	21,693	2,038,966	170
1,775	1,082,939	201	64,633	101	14,461	289,011	56,443	18,142	170,806	43,620	892,690	851,495	41,195	3,731,068	171
49	29,349					4,917	535	506	3,876		40,944	40,124	820	109,540	172
575	327,570	4	1,048	1	175	147,303	14,231	4,875	125,697	2,500	1,033,257	1,023,498	9,759	1,885,963	173
2,153	1,029,604	382	104,464	74	16,435	409,202	18,492	26,594	359,481	4,635	5,696,006	5,564,427	131,579	8,458,274	174
854	425,651	83	26,902	28	2,511	119,799	40,790	7,063	71,766	180	811,487	797,601	13,886	1,879,240	175
33	20,430					5,559	660	890	1,009	3,000	115,106	113,402	1,704	169,081	176
137	66,390	3	831			14,974	620	3,338	11,016		58,591	55,072	3,519	235,352	177
64	37,410	3	760	2	300	11,245	2,178	1,160	7,907		27,840	25,136	2,704	124,944	178
3	1,525					2,663	2,260	15	388		2,756	2,701	55	14,470	179
4,431	2,724,924	270	84,599			108,801	6,990	27,317	74,494		2,717,907	2,638,824	79,083	6,613,348	180
1,416	778,103					116,935	39,040	6,144	60,564	11,187	716,592	704,928	11,664	1,953,041	181
1,429	1,005,106			29	9,000	251,092	29,520	9,151	87,421	125,000	1,232,927	1,208,402	24,525	2,857,429	182
573	347,063	2,449	593,847	50	8,986	99,627	12,400	6,646	44,081	36,500	1,146,084	1,126,094	19,990	2,698,470	183
128	49,445	28	6,582			25,798	250	1,457	23,176	915	526,492	514,827	11,665	685,048	184
11,279	5,296,102	11,679	3,731,827	1,199	204,603	4,896,595	241,838	97,665	1,120,458	3,436,634	21,631,118	21,387,906	243,212	39,966,662	185
518	338,289	34	13,170	11	1,759	13,316	2,250	2,540	8,526		556,879	544,608	12,271	1,398,217	186
266	150,575	43	16,860	8	2,682	61,931	9,053	377	52,501		296,850	292,900	3,950	747,219	187
350	186,477			2	260	97,274	7,585	6,097	83,592		5,443,255	5,418,616	24,639	6,199,795	188
206	145,088					67,007	33,944	958	32,105		7,406,647	7,402,804	3,843	7,846,422	189
201	76,828					29,625	840	2,783	22,847	3,155	267,799	251,075	16,724	469,224	190
382	174,581	115	24,895	43	8,136	356,483	4,703	12,119	339,661		1,313,386	1,280,943	32,443	2,407,543	191

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
192	Sporting goods	5	$105,662	$2,000	$6,000	$22,834	$74,828	2	9	$13,060	101	$32,249
193	Springs, steel, car and carriage	3	156,572	25,000	53,000	48,000	30,572	4	9	11,750	56	33,671
194	Stamped ware	23	1,647,545	87,496	179,325	648,816	731,908	20	84	86,794	1,629	560,395
195	Stationery goods, not elsewhere specified.	3	46,582			13,332	33,250	1	5	6,500	41	13,310
196	Steam fittings and heating apparatus	13	536,500	18,000	45,938	56,194	416,368	8	78	92,858	190	89,812
197	Steam packing	4	41,500		5,000	13,000	23,500	1	9	9,840	58	23,900
198	Stereotyping and electrotyping	3	14,875			9,600	5,275	7			11	8,078
199	Surgical appliances	10	868,750	35,800	164,569	137,433	530,948	10	57	87,613	417	134,385
200	Taxidermy	6	15,755	5,010	2,540	430	7,775	6			10	3,220
201	Tinsmithing, coppersmithing, and sheet-iron working.	251	1,346,684	137,710	228,814	310,647	669,513	273	66	58,492	1,050	553,887
202	Tobacco, chewing, smoking, and snuff	12	6,692,041	485,947	1,433,059	1,028,406	3,744,629	8	204	197,814	1,955	527,195
203	Tobacco, cigars and cigarettes	486	1,311,122	177,665	220,165	70,213	843,079	503	38	30,574	1,640	705,158
204	Tools, not elsewhere specified	28	1,134,339	73,808	159,693	353,368	547,470	34	72	87,758	1,026	526,492
205	Toys and games	11	81,227	8,900	15,000	27,880	29,447	14	3	2,700	103	28,626
206	Trunks and valises	18	676,544	27,700	40,575	145,667	462,602	21	36	49,569	741	331,842
207	Typewriters and supplies	5	1,015,459	55,944	124,757	238,838	595,920	5	91	60,283	649	339,923
208	Umbrellas and canes	4	83,562	10,000	15,000	20,952	37,610	3	7	5,280	140	40,419
209	Upholstering materials	8	223,358	25,700	20,600	59,530	117,528	9	10	9,010	145	58,212
210	Varnish	24	3,949,265	300,548	673,931	364,641	2,610,145	11	251	372,559	221	158,085
211	Vinegar and cider	29	79,535	6,957	19,033	22,450	31,095	33			23	8,553
212	Washing machines and clothes wringers.	3	12,750	1,000	2,000	6,110	3,640	4			4	2,330
213	Watch and clock materials	3	185,165	20,100	20,150	50,315	94,600	2	4	10,000	45	30,250
214	Watch cases	5	1,371,137	28,000	193,000	320,984	829,153	2	38	49,420	637	305,268
215	Watch, clock, and jewelry repairing	298	426,218	39,950	67,000	88,659	230,609	311	4	2,400	230	130,702
216	Watches	3	910,592	76,051	155,125	336,410	343,006	1	14	35,026	525	261,135
217	Window shades	11	196,689	19,500	51,500	34,150	91,539	12	35	47,150	128	66,922
218	Wire	3	1,105,304	42,500	73,194	153,113	836,497	1	15	29,316	176	121,710
219	Wirework, including wire rope and cable.	19	736,384	44,850	58,200	201,648	431,686	11	46	48,647	670	300,183
220	Wood, turned and carved	50	472,579	43,606	104,900	109,749	214,324	62	11	9,484	294	131,041
221	Woodenware, not elsewhere specified	3	11,170	1,500	2,050	5,600	2,020	4			5	1,612
222	Woolen goods	13	4,549,798	248,502	703,322	874,970	2,723,004	1	43	85,619	2,942	1,013,232
223	Wool scouring	3	23,776			18,476	5,300		4	3,278	24	12,065
224	Worsted goods	11	12,080,721	171,902	1,608,247	2,643,417	7,657,155	13	112	197,984	3,910	1,097,197
225	All other industries[1]	88	41,007,900	3,746,640	4,726,650	6,050,723	26,483,887	65	656	908,451	7,608	3,129,519

[1] Embraces axle grease, 2; bags, other than paper, 1; bags, paper, 1; blacking, 1; bluing, 2; boots and shoes, rubber, 2; brass, 1; brass and copper, rolled, 2; bronze castings, 2; carriages and sleds, children's, 1; cars, steam railroad, not including operations of railroad companies, 2; cars, street railroad, not including operations of railroad companies, 1; charcoal, 2; chocolate and cocoa products, 2; cloth, sponging and refinishing, 1; clothing, horse, 1; cordage and twine, 1; crucibles, 2; emery wheels, 1; fish, canning and preserving, 1; flags and banners, 1; foundry supplies, 1; galvanizing, 1; graphite and graphite refining, 2; house furnishing goods, not elsewhere specified, 2; iron and steel, bolts, nuts, washers, and rivets, 2; iron and steel, pipe, wrought, 1; jewelry and instrument cases, 1;

TABLE 8.—MANUFACTURES IN CITIES

BAYONNE.

1	All industries	225	$26,583,058	$3,849,989	$2,617,376	$10,160,849	$9,954,844	236	251	$414,099	5,083	$2,856,776
2	Bicycle and tricycle repairing	5	5,615			690	4,925	7			3	516
3	Blacksmithing and wheelwrighting	9	23,760	5,200	10,710	3,875	3,975	9			12	7,322
4	Boots and shoes, custom work and repairing.	40	16,374	1,229	3,170	4,045	7,930	40			4	2,072
5	Bread and other bakery products	15	39,050	3,700	15,200	11,800	8,350	16	3	1,300	46	22,948
6	Carpentering	19	41,650	5,900	12,100	6,000	17,650	22			94	67,045
7	Chemicals	3	2,100,571	476,726	875,617	346,476	401,752		29	31,314	289	172,766
8	Clothing, men's, custom work and repairing.	10	13,010	2,350	5,450	1,425	3,785	10			11	5,437
9	Clothing, men's, factory product	3	7,225	550	1,100	1,350	4,225	4			90	36,164
10	Clothing, women's, dressmaking	7	9,400	2,000	5,000	690	1,710	7			18	4,071
11	Masonry, brick and stone	5	45,110	6,750	15,000	6,060	17,300	5	1	600	33	20,557
12	Millinery, custom work	8	11,875	1,100	4,500	1,100	5,175	8			9	1,891
13	Painting, house, sign, etc	17	23,074	3,300	7,275	2,838	9,661	18			64	44,289
14	Paving and paving materials	6	26,950	4,700	6,500	3,800	11,950	6			70	26,819
15	Petroleum, refining	3	22,323,812	2,885,787	1,514,002	9,512,435	8,411,588		140	277,847	2,843	1,685,371
16	Photography	4	6,275	750	2,300	2,400	825	4			2	650
17	Plumbing, and gas and steam fitting	16	72,998	6,703	14,945	8,850	42,500	18	2	700	82	48,175
18	Printing and publishing, newspapers and periodicals.	4	19,514		350	14,191	4,973	6	3	1,496	11	6,604
19	Saddlery and harness	3	2,928			578	2,350	3			3	1,300
20	Ship and boat building, wooden	3	77,400	14,100	25,200	18,900	19,200	2	3	4,183	23	8,292
21	Shirts	4	10,855			9,350	1,505	6			113	42,072
22	Tobacco, cigars and cigarettes	4	1,035			635	400	5			1	520
23	Watch, clock, and jewelry repairing	5	8,175			2,700	5,475	5			1	208
24	All other industries[1]	32	1,696,402	429,144	98,957	200,661	967,640	35	65	96,659	1,261	651,687

[1] Embraces bookbinding and blank book making, 1; bottling, 2; brooms and brushes, 1; carriages and wagons, 1; cars and general shop construction and repairs by steam railroad companies, 1; clothing, women's, factory product, 1; coffee and spice, roasting and grinding, 1; confectionery, 2; copper, smelting and refining, 1; cutlery and edge tools, 1; electrical construction and repairs, 1; foundry and machine shop products, 2; furniture, cabinetmaking, repairing, and upholstering, 1; hardware, 1; hats and caps, not including fur hats and wool hats, 1; instruments, professional and scientific, 1; looking-glass and picture frames, 1;

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
30	$13,165	58	$17,267	13	$1,817	$10,050	$4,284	$334	$5,432	----------	$177,772	$175,843	$1,929	$267,512	192
56	33,671	----------	----------	----------	----------	1,912	----------	643	1,269	----------	53,102	50,172	2,930	121,228	193
1,149	464,265	361	77,896	119	18,234	107,470	7,783	9,962	70,275	$19,450	769,057	747,086	21,971	1,748,132	194
29	10,960	7	1,850	5	500	5,746	1,360	18	4,368	----------	31,321	30,436	885	67,512	195
155	86,617	22	2,687	3	508	82,445	2,653	1,380	63,912	14,500	558,716	552,561	6,155	968,967	196
46	21,200	12	2,700	----------	----------	5,672	3,780	342	1,550	----------	46,490	40,090	6,400	123,500	197
11	8,078	----------	----------	----------	----------	1,618	872	10	736	----------	5,796	5,316	480	27,845	198
139	62,588	203	57,721	75	14,076	248,529	1,605	2,199	244,725	----------	571,850	562,750	9,100	1,200,435	199
9	3,020	1	200	----------	----------	721	269	134	275	43	5,952	5,907	45	16,695	200
1,000	542,935	39	8,942	11	2,010	97,336	32,492	7,636	46,974	10,234	955,773	940,981	14,792	2,113,398	201
797	311,899	1,054	194,660	104	20,636	2,713,031	2,100	17,839	2,692,842	250	2,424,108	2,385,039	39,069	7,788,379	202
825	448,283	736	241,043	79	15,832	419,729	55,005	7,166	357,558	----------	1,017,886	1,010,443	7,443	2,647,595	203
1,013	523,408	4	1,254	9	1,830	68,610	5,656	5,125	50,111	7,718	589,080	558,689	30,391	1,490,015	204
48	16,830	35	8,966	20	2,830	4,339	1,725	276	2,338	----------	46,154	45,145	1,009	148,404	205
704	321,499	30	9,225	7	1,118	60,244	24,109	2,827	33,263	45	717,563	711,528	6,035	1,356,951	206
592	326,902	10	5,272	47	7,749	90,735	5,568	1,490	81,813	1,864	231,759	227,831	3,928	744,680	207
135	39,183	4	1,156	1	80	3,432	1,800	757	875	----------	36,720	35,474	1,246	107,809	208
69	36,642	76	21,570	----------	----------	8,701	2,620	1,280	4,801	----------	169,623	163,893	5,730	304,728	209
217	157,173	2	612	2	300	197,258	7,645	15,564	174,049	----------	1,306,244	1,293,972	12,272	2,753,562	210
23	8,553	----------	----------	----------	----------	2,138	360	441	1,337	----------	33,914	32,489	1,425	68,399	211
4	2,330	----------	----------	----------	----------	638	258	30	350	----------	1,308	1,258	55	5,860	212
35	26,250	10	4,000	----------	----------	1,533	50	754	729	----------	50,322	49,468	854	103,572	213
515	255,900	107	44,868	15	4,500	34,535	920	4,120	29,495	----------	730,871	724,956	5,915	1,258,601	214
218	128,025	5	1,350	7	1,327	62,133	41,538	2,033	10,689	7,873	131,271	127,663	3,608	588,494	215
289	190,255	210	68,106	26	2,774	95,473	----------	1,775	93,698	----------	134,259	131,933	2,326	551,444	216
109	60,573	19	6,349	----------	----------	19,179	2,120	1,454	15,355	250	418,446	415,910	2,536	746,525	217
169	119,860	7	1,850	----------	----------	37,191	500	1,918	34,773	----------	2,899,391	2,879,980	19,411	3,375,095	218
560	275,448	106	24,060	4	675	51,943	13,720	3,873	34,050	300	607,886	592,452	15,434	1,102,643	219
259	126,019	2	564	33	4,458	25,180	6,195	2,534	14,506	1,945	134,045	124,417	9,628	395,120	220
5	1,612	----------	----------	----------	----------	1,209	500	113	596	----------	4,601	4,251	350	12,175	221
1,690	685,439	1,065	301,580	187	26,213	461,513	16,380	30,021	415,112	----------	2,700,889	2,626,766	74,123	4,755,393	222
17	8,565	7	3,500	----------	----------	2,831	2,200	81	550	----------	3,695	2,328	1,367	32,585	223
1,247	513,670	2,207	520,486	456	63,041	527,527	7,400	16,611	459,165	44,351	4,547,694	4,480,919	66,775	6,823,721	224
5,284	2,552,756	1,940	485,185	444	91,578	1,584,840	47,118	96,802	1,437,442	3,478	58,145,432	57,578,149	567,283	69,752,072	225

jute and jute goods, 2; lapidary work, 2; lard, refined, 2; lead, smelting and refining, 2; malt, 1; matches, 2; mats and matting, 1; needles and pins, 1; oakum, 2; oil, castor, 1; oil, lard, 1; oil, linseed, 1; oilcloth, enameled, 2; oleomargarine, 1; paper patterns, 1; pencils, lead, 2; pens, steel, 1; phonographs and graphophones, 2; plated and britannia ware, 2; printing materials, 2; pulp goods, 2; pumps, not including steam pumps, 1; regalia and society banners and emblems, 1; registers, cash, 1; rules, ivory and wood, 2; safes and vaults, 1; show cases, 1; starch, 1; sugar and molasses, refining, 1; wood, preserving, 1; wool hats, 2; wool pulling, 1; zinc, smelting and refining, 2.

BY SPECIFIED INDUSTRIES: 1900.

BAYONNE.

4,890	$2,812,448	117	$30,640	76	$13,688	$805,433	$34,854	$82,146	$622,095	$66,338	$34,094,479	$33,051,109	$1,043,370	$39,352,248	1
1	260	----------	----------	2	256	630	462	----------	158	10	2,441	2,350	91	7,335	2
12	7,322	----------	----------	----------	----------	597	252	200	145	----------	9,886	9,503	383	27,100	3
4	2,072	----------	----------	----------	----------	4,418	3,308	122	738	250	11,509	11,019	490	34,055	4
43	22,398	3	550	----------	----------	7,161	4,128	224	2,809	----------	82,231	79,588	2,643	144,635	5
94	67,045	----------	----------	----------	----------	22,794	371	299	473	21,651	103,869	103,754	115	237,593	6
289	172,766	----------	----------	----------	----------	82,615	2,244	5,721	68,950	5,700	609,008	538,480	70,528	1,356,196	7
9	4,837	2	600	----------	----------	1,613	996	110	507	----------	6,673	6,528	145	20,860	8
49	24,444	41	11,720	----------	----------	758	600	35	123	----------	4,670	4,325	345	45,500	9
1	624	16	3,382	1	65	785	600	60	125	----------	9,039	8,908	131	17,818	10
33	20,557	----------	----------	----------	----------	1,003	150	361	242	250	13,267	13,247	20	42,150	11
----------	----------	9	1,891	----------	----------	1,527	1,110	30	387	----------	6,915	6,800	115	15,300	12
64	44,289	----------	----------	----------	----------	2,170	699	174	1,297	----------	22,251	22,126	125	85,525	13
70	26,819	----------	----------	----------	----------	570	25	265	80	200	25,974	25,964	10	64,552	14
2,822	1,680,971	----------	----------	21	4,400	481,439	4,807	69,213	399,668	7,751	26,212,238	25,456,883	755,355	28,861,111	15
1	300	1	350	----------	----------	682	435	52	95	----------	2,882	2,802	80	8,100	16
81	47,925	----------	----------	1	250	3,149	1,359	304	1,186	300	67,464	66,245	1,219	149,717	17
10	6,500	----------	----------	1	104	1,347	488	20	613	226	1,401	1,315	86	17,633	18
3	1,300	----------	----------	----------	----------	590	520	----------	70	----------	1,731	1,681	50	6,124	19
23	8,292	----------	----------	----------	----------	1,167	300	165	702	----------	17,275	17,000	275	42,000	20
72	30,966	41	11,106	----------	----------	1,305	1,128	----------	177	----------	4,373	3,558	815	61,370	21
1	520	----------	----------	----------	----------	765	288	----------	477	----------	1,272	1,232	40	4,282	22
----------	----------	----------	----------	1	208	878	728	----------	150	----------	1,685	1,542	143	6,150	23
1,208	642,241	4	1,041	49	8,405	187,570	9,856	4,791	142,923	30,000	6,876,425	6,666,259	210,166	8,097,142	24

lumber, planing mill products, including sash, doors, and blinds, 2; mattresses and spring beds, 1; mineral and soda waters, 2; paints, 1; printing and publishing, book and job, 2; slaughtering and meat packing, wholesale, 1; tinsmithing, coppersmithing, and sheet-iron working, 1; toys and games, 1; typewriters and supplies, 1.

TABLE 8.—MANUFACTURES IN CITIES

CAMDEN.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	817	$16,430,611	$1,427,045	$2,372,518	$4,166,668	$8,464,380	844	736	$715,598	8,941	$3,824,434
2	Bicycle and tricycle repairing	11	12,167	600	1,000	4,040	6,527	14			7	3,073
3	Blacksmithing and wheelwrighting	21	26,330	5,100	4,800	6,725	9,705	19	1	1,248	47	22,169
4	Boots and shoes, custom work and repairing.	52	16,536	3,000	4,950	5,350	3,236	52			15	5,804
5	Boots and shoes, factory product	23	317,553	17,750	41,992	99,888	157,923	20	29	23,069	429	154,961
6	Bottling	14	65,537	1,250	1,950	15,640	46,697	14	7	4,120	34	14,860
7	Bread and other bakery products	61	119,511	13,800	23,525	30,990	51,196	62	17	7,130	101	45,613
8	Carpentering	45	70,797	4,400	11,940	9,120	45,337	50			141	84,602
9	Carpets, rag	3	3,100	400	600	850	1,250	3			5	1,790
10	Carriages and wagons	11	92,756	5,700	13,000	14,280	59,776	12	9	9,398	126	63,175
11	Cars and general shop construction and repairs by steam railroad companies.	3	258,648	6,075	121,840	48,152	82,581		31	22,628	397	229,736
12	Chemicals	9	731,166	100,000	96,200	294,629	240,337	7	37	31,328	142	82,864
13	Clothing, men's, custom work and repairing.	26	23,025	2,750	1,500	3,540	15,235	29	2	800	45	18,568
14	Clothing, women's, dressmaking	69	12,199	1,875	1,200	6,179	2,945	73	1	416	72	22,186
15	Confectionery	19	23,784	2,700	3,116	11,895	6,073	21	7	3,036	23	9,118
16	Cooperage	4	3,920	1,440	1,400	355	725	4			9	3,253
17	Flouring and grist mill products	4	157,050	11,200	32,800	21,050	92,000	5	7	6,416	32	17,250
18	Foundry and machine shop products	10	1,565,379	151,700	125,500	226,874	1,061,305	10	58	60,509	1,042	542,066
19	Furniture, cabinetmaking, repairing, and upholstering.	19	9,602	250	200	3,437	5,715	19	1	250	20	9,365
20	Ice, manufactured	3	321,847	34,900	124,690	139,080	23,177	1	3	2,384	17	9,244
21	Leather, tanned, curried, and finished	3	838,067	73,000	75,700	59,300	630,067		28	40,340	452	187,764
22	Lock and gun smithing	6	4,005	250	100	1,630	2,025	7			3	1,312
23	Looking-glass and picture frames	3	979			275	704	3	1	300	3	777
24	Lumber, planing mill products, including sash, doors, and blinds.	4	251,035	7,500	32,500	35,035	176,000	5	18	19,760	115	60,936
25	Marble and stone work	4	28,410	7,300	1,750	2,300	17,060	4	1	380	31	12,076
26	Masonry, brick and stone	16	119,555	7,950	850	3,105	107,650	22	4	2,475	140	81,025
27	Millinery, custom work	18	10,855	1,150	3,000	200	6,505	19	1	56	15	4,015
28	Mineral and soda waters	3	5,500			4,500	1,000	3			5	2,840
29	Musical instruments and materials, not specified.	3	7,375	700	1,900	2,800	1,975	3			7	8,000
30	Oilcloth, floor	4	1,479,800	155,000	421,348	490,503	412,949	2	24	37,112	430	210,318
31	Painting, house, sign, etc	38	44,285	2,730	2,755	10,140	28,660	40	1	800	117	72,433
32	Paints	3	431,216	25,000	50,000	55,575	300,641	2	8	10,130	51	25,233
33	Paper goods, not elsewhere specified	4	90,581	8,300	12,050	38,040	32,191	5	5	5,180	68	22,758
34	Paper hanging	24	41,192	2,700	2,400	2,274	33,818	24	2	1,342	71	39,787
35	Patent medicines and compounds	6	109,899	2,100	10,100	10,425	87,274	4	16	19,366	10	4,911
36	Paving and paving materials	4	73,400	1,500	2,400	27,200	42,300	6	3	3,000	130	46,452
37	Photography	7	7,250			4,375	2,875	8			7	2,843
38	Pickles, preserves, and sauces	3	622,284	60,000	105,000	106,500	350,784	2	62	67,572	263	87,638
39	Plastering and stuccowork	7	4,690	2,800	275	320	1,295	8			21	17,298
40	Plumbing, and gas and steam fitting	32	61,118	6,100	7,600	8,055	39,363	34	3	1,544	118	67,441
41	Printing and publishing, book and job	14	68,357	4,415	7,900	45,275	10,767	16	5	2,866	37	13,696
42	Printing and publishing, newspapers and periodicals.	16	192,220	10,000	25,975	113,458	42,787	15	19	18,498	104	43,180
43	Roofing and roofing materials	5	43,906	2,500	2,400	8,951	30,055	4	5	4,135	27	8,216
44	Saddlery and harness	4	35,050	2,800	2,600	1,650	28,000	5			15	5,181
45	Ship and boat building, wooden	9	219,712	21,500	9,450	50,991	137,771	10	12	8,594	266	177,218
46	Slaughtering and meat packing, wholesale.	3	43,150	6,000	10,000	7,150	20,000	5	1	780	25	15,148
47	Soap and candles	3	433,120	22,000	35,500	16,000	359,620		20	19,014	38	15,814
48	Tinsmithing, coppersmithing, and sheet-iron working.	25	89,699	8,735	20,500	8,950	51,514	27	3	2,305	82	47,316
49	Tobacco, cigars and cigarettes	24	28,839	4,875	6,100	2,390	15,474	26	4	980	49	18,532
50	Watch, clock, and jewelry repairing	12	13,465	2,300	2,300	1,900	6,965	14	1	400	7	3,616
51	Worsted goods	5	2,693,062	54,000	301,790	638,054	1,699,218	7	13	23,204	958	241,416
52	All other industries[1]	98	4,507,628	558,950	606,072	1,467,273	1,875,333	99	266	252,733	2,572	939,547

[1] Embraces awnings, tents, and sails, 2; bags, paper, 1; baskets, and rattan and willow ware, 1; bookbinding and blank book making, 1; boxes, cigar, 1; brass, 1; brick and tile, 2; brooms and brushes, 2; carpets and rugs, other than rag, 1; carriages and sleds, children's, 1; clothing, horse, 1; coffee and spice, roasting and grinding, 2; coffins, burial cases, and undertakers' goods, 1; cotton goods, 1; dyeing and cleaning, 2; dyeing and finishing textiles, 2; dye stuffs and extracts, 1; electrical apparatus and supplies, 2; electrical construction and repairs, 1; fancy articles, not elsewhere specified, 1; fertilizers, 1; files, 1; fireworks, 1; flavoring extracts, 2; food preparations, 1; fur hats, 1; furnishing goods, men's, 1; furniture, factory product, 2; gas, illuminating and heating, 2; glass, 1; gold and silver, leaf and foil, 1; hairwork, 1; hardware, 2; hosiery and knit goods, 1; ink, printing, 1; instruments, professional and scientific, 2; kaolin and other earth grinding, 1; kindling wood, 2; lime and cement, 2; liquors, malt, 2; lumber and timber products, 2; matches, 1; models and patterns, 2; monuments and

EAST ORANGE.

1	All industries	167	$2,311,585	$151,909	$328,536	$478,406	$1,352,734	191	161	$197,660	1,354	$724,495
2	Bicycle and tricycle repairing	7	9,485	2,500	1,000	2,725	3,260	7			10	5,520
3	Blacksmithing and wheelwrighting	7	29,078	5,200	5,300	2,390	16,188	8			18	13,330
4	Boots and shoes, custom work and repairing.	23	8,175	1,000	1,000	1,785	4,390	25			7	3,425
5	Bread and other bakery products	7	45,434	700	2,100	18,130	24,504	12	3	970	58	34,150
6	Carpentering	20	92,080	9,850	15,695	13,435	53,100	29	1	1,200	177	110,034

BY SPECIFIED INDUSTRIES: 1900—Continued.

CAMDEN.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
6,546	$3,289,453	2,115	$493,605	280	$41,376	$1,487,751	$114,274	$58,317	$909,243	$405,917	$11,499,151	$11,194,586	$304,565	$20,451,874	1
7	3,073					1,673	871	28	574	200	6,722	6,491	231	17,579	2
47	22,169					2,955	2,114	204	637		17,716	16,383	1,333	69,271	3
15	5,804					3,517	3,040	146	331		18,133	17,636	497	50,382	4
274	118,878	146	34,566	9	1,517	21,388	2,412	489	13,474	5,013	365,241	361,951	3,290	609,455	5
32	14,600			2	260	8,878	3,417	70	5,391		71,068	70,605	463	117,699	6
92	43,563	8	1,913	1	137	7,796	4,247	814	2,735		164,390	159,072	5,318	309,226	7
141	84,602					47,339	1,727	194	1,634	43,784	191,881	191,724	157	399,779	8
3	1,290	2	500			108	84	16	8		2,405	2,395	10	7,400	9
126	63,175					13,420	5,065	439	7,516	400	71,090	69,117	1,973	218,990	10
395	229,139	2	597			103,591		1,350	23	102,218	230,800	220,146	10,654	586,755	11
142	82,864					15,735	2,626	2,465	10,644		184,331	157,635	26,696	443,058	12
31	15,922	13	2,542	1	104	4,563	2,842	114	607	1,000	30,618	30,098	520	75,100	13
12	7,482	60	14,704			3,615	3,015	56	544		22,307	21,753	554	81,927	14
17	8,036	6	1,082			2,573	1,895	92	586		60,865	60,079	786	97,944	15
9	3,253					281	120	36	125		12,384	12,384		19,834	16
32	17,250					5,403	300	688	4,415		395,152	391,952	3,200	462,454	17
1,041	541,910			1	156	148,576	927	8,328	138,886	435	778,943	714,262	64,681	1,924,401	18
19	9,226	1	139			1,591	1,370	9	212		13,609	13,428	181	38,179	19
17	9,244					7,823		640	7,183		15,499	3,266	12,233	53,318	20
443	185,864			9	1,900	67,039	3,000	1,207	62,832		1,175,425	1,169,220	6,205	1,515,935	21
2	1,000	1	312			558	508	4	46		2,389	2,274	115	8,968	22
3	777					289	274		15		2,047	2,017	30	5,316	23
115	60,936					18,768	8,150	1,568	9,050		216,670	216,440	230	371,300	24
31	12,076					9,362		198	1,164	8,000	14,464	14,164	300	46,548	25
140	81,025					93,120	179	184	2,257	90,500	212,565	212,298	267	457,302	26
		15	4,015			1,783	1,387	78	318		14,267	14,040	227	31,310	27
5	2,840					790	265	320	205		5,997	5,891	106	19,040	28
7	8,000					432	84	57	291		2,737	2,392	345	15,135	29
428	210,026			2	292	61,344		5,507	55,837		989,976	970,976	19,000	1,638,556	30
117	72,433					3,301	2,060	120	1,056	65	49,361	49,192	169	175,881	31
51	25,233					26,214	144	1,000	15,070	10,000	635,778	628,258	7,520	698,308	32
31	13,358	31	7,900	6	1,500	9,162	2,740	230	6,192		43,584	42,276	1,308	108,239	33
71	39,787					3,975	2,869	99	1,007		47,232	46,959	273	119,160	34
7	4,183	3	728			19,319	3,048	115	16,156		13,225	12,166	1,059	46,241	35
129	46,320			1	132	4,358	1,060	148	3,150		37,758	37,258	500	111,845	36
3	1,468	4	1,375			1,602	1,118	4	480		5,055	4,913	142	15,615	37
176	61,851	87	25,787			92,372	30	1,583	90,759		688,616	679,991	8,625	985,358	38
21	17,298					237	48	46	143		8,943	8,943		32,742	39
117	67,285			1	156	6,160	2,460	329	2,945	426	105,240	104,505	735	222,603	40
35	13,384			3	312	3,544	1,218	212	1,664	450	19,195	18,226	969	58,252	41
95	41,949	1	200	8	1,031	40,541	3,952	427	5,353	30,809	33,872	31,567	2,305	163,204	42
27	8,216					4,675	676	108	3,891		40,622	40,207	415	80,616	43
15	5,181					567	216	131	220		10,175	10,090	85	27,254	44
266	177,218					21,452	11,920	378	9,154		142,778	139,513	3,265	409,500	45
25	15,148					2,235		460	1,775		422,653	420,911	1,742	456,418	46
27	13,038	10	2,620	1	156	14,564	270	827	13,467		96,517	94,681	1,836	181,785	47
81	47,199			1	117	8,910	2,155	530	2,211	4,014	89,232	88,452	780	190,556	48
28	10,605	19	7,660	2	267	9,076	1,785	193	7,098		25,846	25,572	274	59,505	49
6	3,408			1	208	1,031	612	106	313		3,255	3,142	113	15,250	50
232	102,568	566	120,698	160	18,150	201,940	4,300	3,690	149,599	44,351	1,406,369	1,388,827	17,542	2,090,994	51
1,360	658,299	1,140	266,267	72	14,981	358,206	21,674	22,280	250,000	64,252	2,284,154	2,188,848	95,306	4,510,387	52

tombstones, 1; oleomargarine, 1; optical goods, 2; paper and wood pulp, 1; paper hangings, 1; pens, steel, 1; perfumery and cosmetics, 1; photolithographing and photoengraving, 1; printing materials, 1; refrigerators, 2; rubber and elastic goods, 2; saws, 1; sewing machine repairing, 1; sewing machines and attachments, 1; shipbuilding, iron and steel, 1; show cases, 1; slaughtering, wholesale, not including meat packing, 1; smelting and refining, not from the ore, 1; stamped ware, 1; starch, 1; stationery goods, not elsewhere specified, 1; steam fittings and heating apparatus, 1; steam packing, 2; surgical appliances, 1; toys and games, 1; trunks and valises, 1; upholstering materials, 2; varnish, 1; washing machines and clothes wringers, 1; window shades, 1; wood, turned and carved, 1; woodenware, not elsewhere specified, 1; wool scouring, 1.

EAST ORANGE.

1,166	$669,299	187	$55,146	1	$50	$350,162	$28,939	$9,358	$300,011	$11,854	$1,583,435	$1,566,278	$17,157	$3,463,141	1
10	5,520					1,876	1,399	55	422		10,363	10,214	149	27,765	2
18	13,330					1,861	1,080	146	635		12,011	11,570	441	44,915	3
7	3,425					2,954	2,560	63	331		7,865	7,648	217	30,089	4
52	32,236	6	1,914			6,160	4,200	170	1,790		81,327	79,244	2,083	153,256	5
177	110,034					6,672	1,178	655	2,879	1,960	234,055	233,051	1,004	413,948	6

TABLE 8.—MANUFACTURES IN CITIES

EAST ORANGE—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
7	Carriages and wagons	3	$36,900	$13,500	$3,000	$2,300	$18,100	4	2	$900	37	$24,140
8	Clothing, men's, custom work and repairing.	13	17,402	625	600	1,995	14,182	14			20	13,161
9	Clothing, women's, dressmaking	20	26,445	3,500	3,000	4,840	15,105	20			51	15,923
10	Furniture, cabinetmaking, repairing, and upholstering.	9	11,635	800	3,500	1,360	5,975	9			7	3,947
11	Masonry, brick and stone	5	29,845	3,800	2,150	3,510	20,385	6			62	43,954
12	Painting, house, sign, etc	9	71,985	7,200	11,400	4,085	49,300	9	5	6,050	135	63,375
13	Plumbing, and gas and steam fitting	11	76,475	17,000	13,200	6,225	40,050	16	4	3,386	110	59,442
14	Saddlery and harness	4	4,895			920	3,975	5			4	2,015
15	Watch, clock, and jewelry repairing	5	4,525			1,435	3,090	5			4	2,426
16	All other industries[1]	24	1,847,226	86,234	266,591	413,271	1,081,130	22	146	185,154	654	329,653

[1] Embraces awnings, tents, and sails, 1; confectionery, 1; druggists' preparations, not including prescriptions, 1; dyeing and cleaning, 2; electrical apparatus and supplies, 1; electrical construction and repairs, 2; foundry and machine shop products, 1; fur hats, 2; instruments, professional and scientific, 1; ironwork, architectural and ornamental, 1; lumber, planing mill products, including sash, doors, and blinds, 1; mattresses and spring beds, 1; millinery, custom work, 1;

ELIZABETH.

1	All industries	419	$15,665,545	$1,561,044	$2,835,401	$3,520,742	$7,748,358	444	564	$731,152	10,497	$6,024,497
2	Bicycle and tricycle repairing	10	12,890	800	1,950	3,315	6,825	11			8	3,749
3	Blacksmithing and wheelwrighting	22	36,902	5,952	10,200	6,075	14,675	24			36	22,405
4	Boots and shoes, custom work and repairing.	46	18,887	4,850	5,050	3,695	5,292	46			15	6,758
5	Bottling	3	13,000	1,500	5,350	2,100	4,050	3			4	1,825
6	Bread and other bakery products	35	134,875	16,700	64,400	16,060	37,715	39	1	300	95	44,685
7	Carpentering	26	100,760	11,650	18,075	8,335	62,700	29	2	238	193	122,625
8	Carriages and wagons	10	540,980	47,900	118,240	159,600	215,240	10	25	43,700	192	138,668
9	Chemicals	3	671,455	25,000	150,000	123,719	372,736	3	3	4,165	55	28,620
10	Clothing, men's, custom work and repairing.	23	24,235	1,500	500	2,235	20,000	25			44	22,511
11	Clothing, women's, dressmaking	13	18,435	3,650	8,700	1,195	4,890	15			20	7,848
12	Confectionery	8	70,455	21,000	23,000	15,700	10,755	9	2	288	23	10,435
13	Electrical construction and repairs	3	3,075			1,825	1,250	4			6	2,955
14	Foundry and machine shop products	16	4,292,150	517,723	448,445	942,991	2,382,991	12	211	297,023	1,960	1,153,312
15	Furniture, cabinetmaking, repairing, and upholstering.	7	16,685	1,000	2,000	1,885	11,800	7			11	6,412
16	Lumber, planing mill products, including sash, doors, and blinds.	6	37,800	3,600	9,100	9,600	15,500	7	1	300	43	24,390
17	Masonry, brick and stone	14	86,700	7,400	14,550	10,325	54,425	16	2	1,450	209	143,538
18	Millinery, custom work	15	28,827	4,900	15,700	500	7,727	19	1	600	15	8,955
19	Painting, house, sign, etc	17	41,792	5,700	5,550	3,677	26,865	24	1	624	105	65,080
20	Photography	8	419,748	11,150	74,187	44,135	290,276	7	3	7,875	73	28,614
21	Plumbing, and gas and steam fitting	22	99,855	5,800	9,100	10,300	74,655	24	10	4,728	137	75,676
22	Printing and publishing, book and job	5	291,350	15,750	36,250	187,800	51,550	6	15	17,885	195	98,150
23	Printing and publishing, newspapers and periodicals.	6	77,970	5,500	1,000	47,070	24,400	10	15	15,144	55	31,081
24	Roofing and roofing materials	3	151,995	30,000	24,900	30,020	67,075	2	9	10,311	51	20,580
25	Saddlery and harness	7	25,095	1,400	1,600	2,235	19,860	9	1	800	8	4,644
26	Shirts	3	30,000	2,400	15,400	6,500	5,700	3	1	320	156	45,728
27	Tinsmithing, coppersmithing, and sheet-iron working.	6	22,350	1,200	2,500	7,600	11,050	3	1	334	22	8,886
28	Tobacco, cigars and cigarettes	7	12,235	4,000	2,000	660	5,575	7			7	3,384
29	Watch, clock, and jewelry repairing	11	4,435			2,990	1,445	11			6	4,216
30	All other industries[1]	64	8,330,609	803,019	1,767,654	1,868,600	3,941,336	54	260	325,067	6,753	3,893,767

[1] Embraces awnings, tents, and sails, 2; axle grease, 1; bookbinding and blank book making, 1; boot and shoe uppers, 1; boxes, wooden packing, 1; brass castings and brass finishing, 1; bridges, 1; carpets and rugs, other than rag, 1; carpets, rag, 1; cars and general shop construction and repairs by steam railroad companies, 1; clothing, men's, factory product, 2; dyeing and cleaning, 2; electrical apparatus and supplies, 1; fertilizers, 1; files, 1; flavoring extracts, 1; flouring and grist mill products, 1; gas, illuminating and heating, 1; hat and cap materials, 1; hosiery and knit goods, 1; ice, manufactured, 1; ironwork, architectural and ornamental, 1; jewelry, 1; leather, tanned, curried, and finished, 2; liquors, malt, 2; lock and gun smithing, 2; looking-glass and picture frames, 2; marble and

HOBOKEN.

1	All industries	399	$8,331,015	$885,595	$1,057,447	$1,967,094	$4,420,879	432	420	$510,166	6,443	$3,076,235
2	Awnings, tents, and sails	3	6,900			1,300	5,600	3			9	4,152
3	Bicycle and tricycle repairing	6	9,550			1,950	7,600	6			5	2,264
4	Blacksmithing and wheelwrighting	14	64,400	25,700	9,500	9,700	19,500	15	1	1,200	36	23,232
5	Boots and shoes, custom work and repairing.	29	18,145			2,095	16,050	29			16	7,268
6	Bottling	9	91,100	1,800	5,000	17,300	67,000	10	2	4,000	15	8,040
7	Bread and other bakery products	25	274,800	26,800	141,000	24,500	82,500	27	42	27,880	147	89,964
8	Carpentering	3	62,250	6,500	18,000	6,750	31,000	12			151	106,464
9	Clothing, men's, custom work and repairing.	25	59,540	2,000	5,000	3,690	48,850	26	1	400	45	25,470
10	Clothing, women's, dressmaking	5	28,005	3,000	3,000	8,505	18,500	7			69	15,852
11	Clothing, women's, factory product	8	42,764			5,650	37,114	5	10	7,600	84	29,812

BY SPECIFIED INDUSTRIES: 1900—Continued.

EAST ORANGE—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
37	$24,140					$2,246	$1,200	$326	$720		$18,625	$18,085	$540	$57,740	7
19	12,711	1	$450			4,857	2,964	110	1,147	$636	17,730	17,430	300	47,931	8
5	3,292	45	12,581	1	$50	4,280	3,455	163	662		30,115	29,790	325	75,593	9
7	3,947					5,749	1,083	111	555	4,000	8,775	8,685	90	29,814	10
62	43,954					1,079	180	89	660	150	144,125	143,970	155	207,873	11
133	62,775	2	600			5,203	1,678	225	3,300		33,824	33,364	460	135,335	12
110	59,442					4,205	1,530	545	2,130		138,132	137,812	320	250,705	13
4	2,015					1,168	1,008	20	140		3,143	3,098	45	10,780	14
4	2,426					1,200	1,050	35	115		1,938	1,878	60	11,205	15
521	290,052	133	39,601			300,652	4,374	6,645	284,525	5,108	841,407	830,439	10,968	1,967,192	16

mineral and soda waters, 1; monuments and tombstones, 1; paving and paving materials, 1; printing and publishing, newspapers and periodicals, 2; roofing and roofing materials, 1; tobacco, cigars and cigarettes, 1; varnish, 1.

ELIZABETH.

9,580	$5,776,698	856	$234,398	61	$13,401	$1,351,411	$78,031	$68,911	$986,875	$217,594	$9,882,821	$9,664,107	$218,714	$20,546,468	1
8	3,749					2,601	1,555	62	984		8,763	8,712	51	21,061	2
36	22,405					2,897	2,000	162	585	150	22,428	21,451	977	70,192	3
15	6,758					4,702	3,982	151	569		14,817	14,365	452	44,535	4
4	1,825					1,131	48	110	973		47,783	47,776	7	53,940	5
80	41,161	9	2,300	6	1,224	13,373	5,089	1,030	7,254		168,762	163,122	5,640	288,447	6
192	122,443			1	182	41,494	630	597	4,127	36,140	220,513	219,693	820	436,629	7
191	138,368	1	300			37,736	597	4,191	32,828	120	190,240	181,623	8,617	478,855	8
55	28,620					3,086	75	681	2,330		84,026	71,511	12,515	123,587	9
38	20,329	6	2,182			5,781	3,492	95	1,089	1,105	35,974	35,508	466	89,524	10
3	2,027	17	5,821			1,202	578	196	428		4,070	3,860	210	23,570	11
11	7,131	12	3,304			5,458	1,920	703	2,835		26,898	25,746	1,152	58,308	12
6	2,955					389	236		153		2,735	2,540	195	8,605	13
1,941	1,149,256	19	4,056			451,042	11,650	12,425	378,418	48,549	2,092,693	2,041,786	50,907	4,444,034	14
10	6,196	1	216			2,842	2,406	72	364		9,089	8,999	90	26,162	15
43	24,390					1,278	40	413	825		43,024	41,990	1,034	85,900	16
209	143,538					9,911	240	490	5,681	3,500	145,024	144,874	150	347,769	17
		15	3,955			2,232	1,689	33	510		13,511	13,344	167	35,062	18
105	65,080					4,426	2,306	274	1,846		31,498	31,431	67	144,695	19
40	15,864	33	12,750			30,022	1,050	508	28,464		57,233	56,598	635	152,588	20
136	75,468			1	208	7,064	3,693	533	2,838		103,470	102,166	1,304	256,078	21
132	81,502	63	16,648			18,096	1,422	1,007	15,667		92,844	90,290	2,554	312,766	22
52	30,145	2	728	1	208	15,627	1,773	399	11,055	2,400	19,134	17,977	1,157	114,797	23
51	20,580					5,088	174	476	4,438		192,448	191,402	1,046	258,330	24
8	4,644					1,580	1,116	60	404		7,889	7,739	150	24,013	25
7	4,320	140	40,728	9	680	1,118		218	900		837	147	690	55,500	26
13	7,380	8	1,246	1	260	1,168	721	52	395		10,532	10,331	201	30,961	27
7	3,384					3,321	780	67	2,474		5,605	5,495	110	17,764	28
6	4,216					1,911	1,514	35	212	150	2,029	1,944	85	12,875	29
6,181	3,742,964	530	140,164	42	10,639	674,835	27,255	43,871	478,229	125,480	6,228,952	6,101,687	127,265	12,529,921	30

stone work, 2; mattresses and spring beds, 2; millinery and lace goods, 1; mineral and soda waters, 1; models and patterns, 1; monuments and tombstones, 1; oil, lard, 1; oil, not elsewhere specified, 2; optical goods, 1; paints, 2; paper and wood pulp, 1; paper hanging, 1; paving and paving materials, 2; plastering and stuccowork, 1; rubber and elastic goods, 1; sausage, 1; sewing machines and attachments, 1; ship and boat building, wooden, 1; shipbuilding, iron and steel, 1; silversmithing, 1; sporting goods, 1; tools, not elsewhere specified, 1; vinegar and cider, 1; window shades, 1; wood, turned and carved, 1.

HOBOKEN.

4,698	$2,665,920	1,377	$331,755	368	$78,560	$878,470	$158,295	$39,236	$655,036	$25,903	$5,724,626	$5,612,488	$112,138	$12,092,872	1
6	3,320	3	832			692	612		80		3,840	3,810	30	12,400	2
5	2,264					1,208	1,130		78		5,145	5,055	90	15,250	3
36	23,232					1,705	784	510	411		17,185	16,235	950	61,425	4
16	7,268					3,381	3,048		333		11,820	11,425	395	42,300	5
15	8,040					19,042	2,172	175	16,695		137,038	136,439	599	200,450	6
140	88,884	4	700	3	380	12,795	9,188	2,010	1,597		301,084	295,234	5,850	524,900	7
151	106,464					2,344	1,208	525	611		157,035	156,460	575	307,300	8
42	25,086			3	384	7,020	6,375	75	570		46,965	46,520	445	111,270	9
2	1,600	61	13,432	6	820	2,071	1,486	100	485		22,060	21,925	135	55,550	10
6	3,120	78	26,692			6,952	1,390	12	5,550		65,990	65,650	340	135,000	11

TABLE 8.—MANUFACTURES IN CITIES

HOBOKEN—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
12	Confectionery	8	$55,900	$7,000	$10,500	$9,900	$28,500	10	10	$6,120	41	$17,940
13	Cooperage	5	64,800	15,500	19,500	800	29,000	7	-------	-------	28	18,800
14	Cork, cutting	3	88,500	3,000	7,000	19,500	59,000	2	13	10,100	137	39,800
15	Dyeing and cleaning	3	9,964	2,000	4,000	1,050	2,914	3	1	302	7	2,871
16	Fancy articles, not elsewhere specified	3	195,000	6,000	16,500	40,500	132,000	6	25	47,000	186	67,594
17	Foundry and machine shop products	15	1,238,745	74,000	107,500	370,153	687,092	14	55	79,703	913	561,585
18	Furniture, cabinetmaking, repairing, and upholstering.	6	8,300	1,000	1,000	300	6,000	6	-------	-------	7	3,830
19	Hats and caps, not including fur hats and wool hats.	4	84,400	5,000	25,000	16,400	38,000	6	4	2,600	207	40,145
20	Ironwork, architectural and ornamental.	3	120,600	32,600	22,700	20,100	45,200	2	3	5,200	116	59,952
21	Lock and gun smithing	7	7,250	-------	-------	1,950	5,300	7	-------	-------	7	3,180
22	Looking-glass and picture frames	4	8,200	-------	-------	500	7,700	4	-------	-------	10	4,960
23	Lumber, planing mill products, including sash, doors, and blinds.	3	122,443	43,500	13,250	28,283	37,410	3	3	4,900	46	29,685
24	Marble and stone work	5	140,900	26,500	5,600	44,300	64,500	9	2	2,000	84	63,352
25	Masonry, brick and stone	5	198,000	3,000	8,000	2,000	185,000	6	-------	-------	79	73,400
26	Mattresses and spring beds	3	10,575	1,000	3,000	275	6,300	3	-------	-------	8	3,160
27	Millinery, custom work	5	27,225	15,000	5,000	225	7,000	6	-------	-------	10	3,408
28	Mineral and soda waters	11	82,800	13,000	33,000	11,300	25,500	12	2	1,800	43	24,868
29	Painting, house, sign, etc	12	48,425	3,500	8,000	3,375	33,550	12	3	2,700	65	45,064
30	Paper and wood pulp	3	195,500	14,500	15,000	131,000	35,000	4	8	7,300	106	54,560
31	Photography	8	16,847	-------	-------	11,460	5,387	7	2	2,250	33	13,232
32	Plumbing, and gas and steam fitting	14	53,600	1,200	3,000	5,400	44,000	18	3	2,800	80	58,712
33	Printing and publishing, book and job	10	26,740	-------	-------	18,000	8,740	13	-------	-------	20	11,669
34	Printing and publishing, newspapers and periodicals.	3	87,800	2,700	2,000	48,400	34,700	1	26	16,350	62	43,800
35	Roofing and roofing materials	8	36,200	3,500	7,000	3,700	22,000	11	-------	-------	59	29,608
36	Saddlery and harness	4	8,100	-------	-------	1,100	7,000	4	-------	-------	3	2,050
37	Silk and silk goods	3	239,417	30,250	36,541	45,500	127,126	9	4	7,500	244	80,328
38	Tinsmithing, coppersmithing, and sheet-iron working.	6	45,600	4,000	8,000	7,500	26,100	5	2	1,800	50	24,876
39	Tobacco, cigars and cigarettes	36	54,799	2,650	5,800	2,900	43,449	32	-------	-------	44	22,852
40	Watch, clock, and jewelry repairing	14	31,900	500	800	4,950	25,650	14	-------	-------	11	6,968
41	All other industries[1]	56	4,365,031	508,895	508,256	1,039,833	2,308,047	56	198	268,661	3,160	1,351,468

[1] Embraces babbitt metal and solder, 1; baking and yeast powders, 2; boot and shoe cut stock, 1; boot and shoe findings, 1; carriages and wagons, 2; chemicals, 1; clothing, men's, factory product, 1; coffins, burial cases, and undertakers' goods, 1; druggists' preparations, not including prescriptions, 1; dyeing and finishing textiles, 1; electrical construction and repairs, 2; fireworks, 2; food preparations, 1; furniture, factory product, 2; glue, 1; hairwork, 1; hat and cap materials, 1; hosiery and knit goods, 2; ink, printing, 1; instruments, professional and scientific, 1; leather, tanned, curried, and finished 1; lime and cement, 1;

JERSEY CITY.

1	All industries	965	$80,327,678	$5,743,192	$7,865,798	$28,767,810	$37,950,878	962	1,676	$2,095,778	19,499	$9,126,042
2	Bicycle and tricycle repairing	9	17,020	5,000	3,135	2,210	6,675	9	-------	-------	9	3,461
3	Blacksmithing and wheelwrighting	33	65,630	15,550	19,180	11,950	18,950	38	-------	-------	48	26,166
4	Boots and shoes, custom work and repairing.	56	16,414	1,470	3,850	5,021	6,073	56	-------	-------	20	8,017
5	Bottling	12	56,513	5,400	7,250	4,605	39,258	14	-------	-------	22	12,792
6	Boxes, fancy and paper	4	223,768	28,000	68,000	55,492	72,276	3	19	18,288	408	104,625
7	Brass castings and brass finishing	8	959,883	49,506	369,299	186,256	354,822	7	17	15,786	149	83,915
8	Bread and other bakery products	70	285,655	54,500	111,600	41,155	78,400	70	7	3,920	231	144,199
9	Carpentering	37	431,097	35,430	43,400	60,705	291,562	43	10	12,268	770	441,071
10	Carriages and wagons	19	246,600	53,150	51,450	44,800	97,200	21	3	2,446	170	101,095
11	Cars and general shop construction and repairs by steam railroad companies.	3	1,408,447	303,836	607,270	187,554	309,787	-------	86	64,799	2,272	1,212,107
12	Chemicals	9	967,193	162,321	149,068	225,743	430,061	7	26	40,644	267	141,720
13	China decorating	4	8,400	1,800	1,000	4,300	1,300	3	-------	-------	44	20,604
14	Clothing, men's, custom work and repairing.	34	46,251	3,500	8,500	4,630	29,621	34	4	4,080	61	38,731
15	Clothing, women's, dressmaking	31	43,835	4,500	6,700	5,325	27,310	35	5	2,350	128	26,300
16	Clothing, women's, factory product	5	9,150	1,350	2,600	3,500	1,700	8	1	624	102	18,178
17	Confectionery	21	32,185	3,500	8,500	8,250	11,935	24	5	1,260	42	16,600
18	Cooperage	8	263,457	36,500	55,649	42,341	128,967	7	15	25,028	265	122,009
19	Dyeing and cleaning	9	22,795	6,700	12,100	2,495	1,500	10	2	2,800	17	8,885
20	Electrical apparatus and supplies	5	499,903	17,200	37,900	84,326	360,477	1	80	56,195	308	107,910
21	Electrical construction and repairs	5	21,500	1,500	3,500	4,900	11,600	5	1	936	15	9,020
22	Fancy articles, not elsewhere specified	3	20,410	1,000	500	10,010	8,900	6	4	2,756	26	9,265
23	Flavoring extracts	3	1,300	-------	-------	450	850	2	2	400	1	780
24	Food preparations	8	580,562	30,400	109,384	72,905	367,873	7	52	85,254	219	90,566
25	Foundry and machine shop products	30	2,930,064	251,538	171,945	768,544	1,738,037	21	130	157,714	1,029	575,212
26	Furniture, cabinetmaking, repairing, and upholstering.	9	23,940	6,000	9,750	4,140	4,050	9	-------	-------	13	10,051
27	Gas and lamp fixtures	3	65,251	4,000	17,000	23,405	20,846	4	4	2,940	42	19,092
28	Gold and silver, leaf and foil	6	9,465	900	1,650	4,615	2,300	6	-------	-------	39	20,428
29	Hairwork	3	2,330	-------	-------	1,130	1,200	3	1	624	19	4,934
30	Ironwork, architectural and ornamental.	6	261,366	13,700	10,877	19,363	217,426	6	30	29,087	184	131,594
31	Lime and cement	3	23,810	-------	-------	2,900	20,910	2	7	7,900	10	5,080

BY SPECIFIED INDUSTRIES: 1900—Continued.

HOBOKEN—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
24	$12,980	17	$4,960			$4,990	$3,960	$425	$605		$31,120	$30,435	$685	$81,600	12
28	18,800					2,792	156	575	2,061		52,845	52,825	20	98,750	13
45	18,800	92	21,000			5,650	2,500	150	3,000		130,545	128,720	1,825	208,000	14
4	1,886	3	985			1,232	120	75	532	$505	2,066	1,929	137	10,843	15
158	61,000	28	6,594			7,645	6,165	350	1,130		246,557	245,117	1,440	422,000	16
913	561,585					115,761	19,875	8,401	87,485		662,243	644,118	18,125	1,591,304	17
7	3,830					707	612		95		4,540	4,500	40	15,200	18
44	19,600	162	20,395	1	$150	3,685	2,560	500	625		95,805	94,595	1,210	160,500	19
116	59,952					7,317	96	880	6,341		185,090	179,617	5,473	278,075	20
5	2,780			2	400	1,233	1,148		85		4,315	4,145	170	16,600	21
10	4,960					1,769	1,664		105		4,995	4,910	85	18,900	22
44	29,373			2	312	3,724		1,344	2,380		61,145	60,605	540	113,600	23
84	63,352					7,625	1,380	1,135	5,110		63,240	62,110	1,130	174,500	24
79	73,400					16,900	300	200	11,400	5,000	98,800	98,800		216,000	25
6	2,896	1	144	1	120	480	240	75	165		5,500	5,460	40	12,900	26
		10	3,408			1,625	1,190	200	235		9,415	9,290	125	21,950	27
43	24,868					1,929	762	645	522		28,012	27,302	710	83,750	28
65	45,064					3,663	3,026	165	472		24,381	24,196	185	96,175	29
95	51,360	11	3,200			11,750	4,400	800	6,550		82,400	51,900	30,500	161,000	30
21	10,052	11	3,048	1	132	4,119	3,204	75	840		53,481	53,231	250	80,830	31
79	58,562			1	150	4,104	3,648	52	404		41,692	40,902	790	147,500	32
20	11,669					2,249	1,884	10	355		13,341	12,823	518	44,799	33
62	43,800					4,258	1,900	548	1,810		29,351	27,321	2,030	118,275	34
55	28,560	4	1,048			5,657	4,977	125	555		33,200	32,550	650	86,750	35
3	2,050					1,200	1,110		90		4,225	4,165	60	12,400	36
92	40,400	92	30,568	60	9,360	19,196		1,316	2,825	15,055	95,556	93,464	2,092	221,920	37
50	24,876					1,409	764	275	370		17,750	17,540	210	63,800	38
39	21,925	5	927			12,094	2,921	80	9,093		33,729	33,569	160	96,619	39
11	6,968					2,499	2,248	15	236		10,200	10,030	170	37,950	40
2,077	1,091,294	795	193,822	288	66,352	563,998	58,092	17,413	483,150	5,343	2,830,925	2,797,566	33,359	5,934,537	41

lithographing and engraving, 1; millinery and lace goods, 2; mirrors, 1; mucilage and paste, 1; musical instruments, pianos and materials, 1; paints, 1; paper hangings, 1; paper patterns, 1; patent medicines and compounds, 2; pencils, lead, 1; pickles, preserves, and sauces, 1; plastering and stuccowork, 1; pocketbooks, 1; ship and boat building, wooden, 2; shipbuilding, iron and steel, 2; shirts, 1; soap and candles, 1; steam fittings and heating apparatus, 1; surgical appliances, 1; tools, not elsewhere specified, 1; toys and games, 1; varnish, 1; wirework, including wire rope and cable, 1; wood, turned and carved, 1.

JERSEY CITY.

14,996	$8,066,109	4,139	$995,646	364	$64,287	$6,528,570	$427,126	$258,104	$5,509,434	$333,906	$52,254,465	$51,495,525	$758,940	$77,225,116	1
9	3,461					873	459	96	318		11,303	11,083	220	25,014	2
47	26,016			1	150	5,597	4,080	490	1,027		32,177	30,437	1,740	104,085	3
20	8,017					6,940	6,167	56	492	225	22,718	21,979	739	67,370	4
22	12,792					7,296	2,700	947	3,649		66,917	66,467	450	103,899	5
85	34,425	323	70,200			15,533		1,738	13,795		109,635	107,583	2,052	283,024	6
147	83,615			2	300	24,600	2,700	1,926	19,474	500	718,897	706,894	12,003	880,728	7
219	138,667	15	5,532			37,760	22,805	3,737	11,218		381,804	369,731	12,073	748,497	8
770	441,071					129,270	3,138	1,713	45,561	78,858	705,884	700,510	5,374	1,394,309	9
167	100,627			3	468	11,887	1,923	2,621	5,343	2,000	123,432	119,606	3,826	324,491	10
2,267	1,210,547	5	1,560			46,574		8,577	37,997		1,289,401	1,260,278	29,123	2,612,881	11
266	141,564	1	156			112,090	4,129	8,814	96,397	2,750	1,682,746	1,619,243	63,503	2,079,357	12
16	10,148	28	10,456			1,979	1,056	77	846		8,988	8,126	862	36,800	13
58	37,481	1	800	2	450	12,429	8,193	159	2,752	1,325	87,561	86,836	725	182,080	14
		128	26,300			8,224	6,792	32	1,400		36,145	36,130	15	101,640	15
		101	17,978	1	200	1,147	454	46	647		1,764	1,270	494	31,860	16
30	13,654	12	2,946			15,955	11,846	303	3,806		71,243	69,916	1,327	154,923	17
263	121,609			2	400	24,492	1,800	4,412	18,280		292,230	290,297	1,933	570,388	18
11	7,335	6	1,550			2,721	928	451	1,312		3,470	2,845	625	24,465	19
203	80,902	60	17,608	45	9,400	47,312	5,800	651	40,861		277,463	273,018	4,445	546,458	20
15	9,020					3,008	1,440	248	1,320		18,220	17,985	235	39,280	21
18	7,265	8	2,000			1,113	480	33	600		19,067	18,952	115	30,250	22
1	780					697	534		163		3,350	3,285	65	7,700	23
121	64,035	84	24,663	14	1,868	123,464	1,800	3,042	118,622		379,551	372,538	7,013	721,050	24
998	564,252	30	10,752	1	208	132,184	16,506	9,199	106,479		725,379	694,605	30,774	1,812,626	25
13	10,051					2,501	938	298	1,265		11,188	10,718	420	31,507	26
42	19,092					1,534	108	765	661		39,106	38,109	997	74,220	27
19	13,620	20	6,808			1,677	576	56	1,045		25,857	25,657	200	58,267	28
4	1,664	15	3,270			654	554		100		7,405	7,235	170	16,850	29
184	131,594					24,650	5,300	3,709	13,241	2,400	208,624	205,879	2,745	463,321	30
10	5,080					4,837	1,560	45	3,232		24,879	24,731	148	48,384	31

TABLE 8.—MANUFACTURES IN CITIES

JERSEY CITY—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
32	Liquors, malt	4	$2,332,000	$66,000	$608,000	$444,500	$1,213,500	1	19	$56,100	123	$108,700
33	Lock and gun smithing	3	1,450			1,050	400	3				
34	Lumber, planing mill products, including sash, doors, and blinds.	9	1,384,603	170,000	138,492	332,208	743,903	6	45	60,725	514	253,442
35	Masonry, brick and stone	10	142,350	19,600	13,320	8,130	101,300	15	4	3,900	221	149,279
36	Millinery and lace goods	7	29,375	2,825	6,900	9,675	9,975	10	1	665	69	28,312
37	Millinery, custom work	7	23,870	1,200	8,000	1,170	13,500	8	1	780	14	5,392
38	Mineral and soda waters	17	111,165	11,800	24,200	38,015	37,150	20	3	1,508	69	38,078
39	Models and patterns	5	5,950			2,900	3,050	5			11	6,282
40	Monuments and tombstones	6	38,600	5,600	4,100	2,100	26,800	8	4	3,544	25	22,594
41	Musical instruments and materials, not specified.	3	498,800	13,000	82,000	139,000	264,800	3	20	19,911	324	130,733
42	Painting, house, sign, etc	31	74,420	8,300	9,320	9,463	47,337	35	8	876	183	117,606
43	Paints	3	328,550	23,000	43,488	28,556	233,506	2	11	17,074	54	26,540
44	Paper and wood pulp	4	353,260	29,000	65,000	132,000	127,260	4	9	21,400	127	67,707
45	Patent medicines and compounds	4	62,072	9,000	8,223	8,533	36,316	2	7	7,990	22	11,174
46	Paving and paving materials	5	110,903	8,000	13,907	20,914	68,082	5	12	11,000	182	66,415
47	Photography	8	15,570	800	2,250	5,375	7,145	7	1	1,200	12	6,176
48	Pickles, preserves, and sauces	4	45,967	9,600	6,800	6,412	23,155	7	10	8,116	32	13,400
49	Plumbing, and gas and steam fitting	40	212,088	13,450	19,800	19,075	159,763	45	13	11,499	217	129,172
50	Pottery, terra cotta, and fire-clay products.	3	275,158	39,000	27,400	35,548	173,210	2	6	19,950	86	51,282
51	Printing and publishing, book and job	18	454,023	16,700	58,900	260,178	118,245	20	27	29,004	442	175,166
52	Printing and publishing, newspapers and periodicals.	6	245,594	15,500	39,100	133,261	57,733	4	18	31,597	140	115,266
53	Roofing and roofing materials	9	229,762	16,361	31,917	17,871	163,613	2	24	26,774	92	80,868
54	Rubber and elastic goods	5	628,666	23,276	84,500	146,146	374,744	1	25	43,310	213	106,044
55	Saddlery and harness	13	46,090	14,200	12,500	2,690	16,700	13	3	2,190	10	5,822
56	Scales and balances	3	87,900	11,700	13,300	22,050	40,850	3	10	11,100	34	17,260
57	Ship and boat building, wooden	5	151,400		10,000	64,200	77,200	4	7	12,200	212	116,693
58	Silk and silk goods	8	673,821	31,954	52,400	144,677	444,790	7	20	23,600	873	349,117
59	Slaughtering, wholesale, not including meat packing.	12	374,042	11,133	11,000	4,900	347,009	17	13	16,690	149	109,893
60	Soap and candles	6	1,202,677	162,750	215,220	245,294	579,413	8	149	186,244	482	180,868
61	Tinsmithing, coppersmithing, and sheet-iron working.	30	467,240	41,100	49,100	175,035	202,005	33	16	16,503	294	146,748
62	Tobacco, chewing, smoking, and snuff	3	5,352,694	329,135	998,273	620,434	3,404,852		65	56,885	1,458	349,583
63	Tobacco, cigars and cigarettes	78	133,378	17,350	30,800	10,992	74,236	81	1	1,000	105	49,785
64	Toys and games	3	26,427	3,400	5,500	2,265	15,262	2	1	900	39	8,508
65	Watch, clock, and jewelry repairing	14	45,265	3,000	5,000	5,115	32,150	16	1	1,200	12	7,006
66	Window shades	7	129,439	17,500	43,500	16,100	52,339	6	27	40,450	81	43,736
67	Wood, turned and carved	5	80,801	4,600	8,700	34,740	32,761	8	3	2,840	43	21,435
68	All other industries[1]	113	54,408,114	3,495,107	3,223,831	23,724,218	23,964,958	88	586	808,924	5,602	2,495,553

[1] Embraces artificial feathers and flowers, 1; awnings, tents, and sails, 2; axle grease, 1; bags, other than paper, 1; baking and yeast powders, 1; belting and hose, rubber, 2; billiard tables and materials, 1; bookbinding and blank book making, 2; boot and shoe findings, 2; boot and shoe uppers, 1; brooms and brushes, 2; carpets, rag, 2; cars, steam railroad, not including operations of railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; chocolate and cocoa products, 1; cleansing and polishing preparations, 2; clothing, men's, factory product, 1; cork, cutting, 1; cotton goods, 2; cotton small wares, 1; crucibles, 1; druggists' preparations, not including prescriptions, 2; drug grinding, 1; dyeing and finishing textiles, 2; fireworks, 2; flags and banners, 1; flouring and grist mill products, 1; fruits and vegetables, canning and preserving, 1; fur goods, 2; fur hats, 1; furnishing goods, men's, 2; furniture, factory product, 1; galvanizing, 1; gas, illuminating and heating, 1; gas machines and meters, 1; glass, cutting, staining, and ornamenting, 1; gloves and mittens, 1; gold and silver, reducing and refining, not from the ore, 1; grease and tallow, 1; hand knit goods, 1; hats and caps, not including fur hats and wool hats, 1; hosiery and knit goods, 1; ink, printing, 1; ink,

NEWARK.

1	All industries	3,339	$103,191,403	$8,571,924	$15,560,685	$22,158,722	$56,900,072	3,635	4,509	$5,534,869	49,550	$23,999,442
2	Awnings, tents, and sails	5	20,325	3,200	6,300	1,000	9,825	5	2	5,000	32	15,566
3	Belting and hose, leather	3	14,200			2,871	11,329	4	1	780	8	5,181
4	Bicycle and tricycle repairing	45	30,991	2,300	2,250	10,756	15,685	51			39	17,766
5	Bicycles and tricycles	3	80,812	9,000	6,000	24,350	41,462		17	19,372	51	21,142
6	Billiard tables and materials	4	21,765			1,150	20,615	3	7	8,900	6	3,725
7	Blacksmithing and wheelwrighting	101	163,300	39,950	45,800	18,898	58,652	109	5	1,506	145	92,148
8	Bookbinding and blank book making	10	69,923			33,567	36,356	10	5	2,997	150	50,826
9	Boot and shoe findings	6	136,205	5,400	5,700	30,900	94,205	5	14	15,450	122	46,718
10	Boots and shoes, custom work and repairing.	209	52,413	11,825	11,950	13,418	15,220	214			79	27,873
11	Boots and shoes, factory product	13	1,048,238	3,300	20,500	178,499	845,939	11	131	150,391	1,479	634,297
12	Bottling	59	356,028	96,500	86,300	42,333	130,895	77	21	15,100	108	47,302
13	Boxes, cigar	3	56,155	4,800	13,100	11,068	27,187	4	1	600	36	14,430
14	Boxes, fancy and paper	9	132,499	3,500	6,200	43,948	78,851	9	10	8,505	357	90,176
15	Boxes, wooden packing	7	222,176	21,000	38,000	45,843	117,333	7	10	12,711	223	85,361
16	Brass castings and brass finishing	12	476,277	84,682	101,763	107,305	182,527	13	7	5,419	130	71,862
17	Bread and other bakery products	179	1,339,724	226,050	414,050	349,624	350,000	185	146	106,941	803	433,392
18	Brooms and brushes	10	146,755			11,630	135,125	13	27	27,285	184	54,506
19	Buttons	23	431,703	3,700	24,000	130,914	273,089	31	49	46,195	1,033	367,304
20	Carpentering	175	1,272,616	261,325	153,405	75,013	782,873	208	46	44,917	1,481	1,024,913
21	Carpets, rag	5	3,117	500	600	730	1,287	5			3	736

BY SPECIFIED INDUSTRIES: 1900—Continued.

JERSEY CITY—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
123	$108,700					$813,825	$175	$15,800	$797,850		$244,090	$232,450	$11,640	$1,294,550	32
						425	400		25		465	320	145	2,375	33
514	253,442					68,379	5,124	10,603	52,652		747,067	742,164	4,903	1,300,377	34
221	149,279					60,712	652	639	1,561	$57,860	309,318	308,493	825	595,559	35
14	11,590	54	$16,572	1	$150	1,987	744	208	1,035		19,617	19,392	225	65,108	36
		14	5,392			2,964	2,220	328	416		18,355	18,195	160	40,256	37
67	37,620	1	302	1	156	7,093	2,364	1,141	3,588		51,239	49,858	1,381	148,291	38
10	6,198			1	84	883	790		93		2,133	1,733	400	15,687	39
25	22,594					836	349	102	385		24,012	23,946	66	65,734	40
287	122,053	28	6,600	9	2,080	22,693	400	1,465	20,828		95,237	92,987	2,250	259,554	41
183	117,606					8,419	5,666	295	2,358	100	65,070	64,598	472	250,647	42
40	22,990	14	3,550			38,403		1,754	36,649		223,484	219,916	3,568	341,797	43
105	62,631	18	4,140	4	936	26,983	1,500	4,520	17,663	3,300	157,865	124,348	33,517	314,990	44
21	10,654	1	520			50,537	720	690	49,127		38,016	37,362	654	146,883	45
182	66,415					2,694	550	821	1,323		72,095	71,770	325	164,637	46
8	4,776	4	1,400			3,643	1,968	71	1,604		9,686	9,551	135	35,086	47
21	10,592	11	2,808			7,365	324	403	6,638		49,653	49,396	257	101,259	48
213	128,264	2	492	2	416	34,143	8,150	592	17,001	8,400	269,800	267,153	2,647	610,740	49
84	50,866	2	416			50,426		2,251	21,784	26,391	178,042	168,428	9,614	306,405	50
233	121,108	164	46,045	45	8,013	22,195	7,755	1,690	12,110	640	206,977	202,731	4,246	488,795	51
129	110,511	8	4,099	3	656	11,690	2,040	1,597	7,453	600	43,170	41,406	1,764	249,914	52
92	80,868					21,039	1,850	1,510	17,679		265,502	264,011	1,491	476,266	53
209	104,900	4	1,144			86,140	3,255	2,492	80,393		882,566	867,408	15,158	1,173,848	54
10	5,822					3,074	2,110	510	454		23,692	23,462	230	51,925	55
31	16,500	3	760			6,381		984	5,397		11,023	9,906	1,117	59,683	56
212	116,693					19,624	9,950	1,074	3,500	5,100	70,204	66,554	3,650	259,000	57
375	170,462	490	176,455	8	2,200	164,720	2,215	1,394	36,498	124,613	604,079	594,269	9,810	1,274,550	58
149	109,893					46,227	33,024	420	12,783		5,391,830	5,388,980	2,850	5,708,763	59
335	150,613	105	22,275	42	7,980	337,298	2,600	10,948	323,750		1,081,443	1,051,801	29,642	2,045,839	60
267	139,860	27	6,888			20,983	8,492	2,635	9,341	515	211,505	207,318	4,187	475,368	61
453	176,760	913	153,823	92	19,000	1,895,990	1,100	11,540	1,883,350		1,851,211	1,817,333	33,878	5,799,668	62
92	45,826	9	3,424	4	535	38,063	10,595	1,261	26,207		96,010	94,692	1,318	236,874	63
13	3,680	19	4,018	7	810	2,313	700	153	1,460		9,015	8,810	205	27,021	64
12	7,006					5,896	4,224	204	618	850	23,430	23,115	315	56,975	65
69	39,800	12	3,936			15,303	1,280	1,235	12,538	250	340,820	339,150	1,670	591,594	66
39	20,831			4	604	10,424	872	502	7,145	1,905	31,720	29,455	2,265	71,562	67
4,133	2,160,322	1,399	328,008	70	7,223	1,809,802	188,202	122,031	1,484,245	15,324	31,148,670	30,761,121	387,549	38,451,812	68

writing, 1; instruments, professional and scientific, 2; iron and steel, 2; kindling wood, 2; lamps and reflectors, 2; leather, tanned, curried, and finished, 2; liquors, vinous, 1; looking-glass and picture frames, 2; lumber and timber products, 1; mantels, slate, marble, and marbleized, 2; marble and stone work, 2; mattresses and spring beds, 1; oakum, 2; oil, castor, 1; paper goods, not elsewhere specified, 1; paper hanging, 2; pencils, lead, 1; perfumery and cosmetics, 2; photographic apparatus, 1; plastering and stuccowork, 2; plated and britannia ware, 1; pocketbooks, 1; refrigerators, 1; sausage, 1; shirts, 1; slaughtering and meat packing, wholesale, 1; springs, steel, car and carriage, 1; stamped ware, 2; steam packing, 1; stereotyping and electrotyping, 1; sugar and molasses, refining, 1; taxidermy, 2; trunks and valises, 2; umbrellas and canes, 1; upholstering materials, 2; varnish, 1; watches, 1; woodenware, not elsewhere specified, 1; wool hats, 1; wool pulling, 1; zinc, smelting and refining, 1.

NEWARK.

37,094	$20,518,560	11,133	$3,258,135	1,323	$222,747	$10,050,907	$958,213	$454,109	$8,023,599	$614,986	$67,105,944	$65,663,142	$1,442,802	$126,954,049	1
14	8,146	18	7,420			1,890	1,080	315	495		23,856	23,771	85	55,553	2
8	5,181					1,720	1,012	78	630		23,107	22,817	290	40,742	3
36	17,410			3	356	7,948	5,943	265	1,320	420	30,401	29,614	787	86,435	4
42	18,642	9	2,500			14,185	800	430	12,155	800	56,192	54,608	1,584	131,897	5
5	3,650			1	75	3,576	2,520	800	256		96,144	96,129	15	139,266	6
139	90,849			6	1,299	17,641	12,576	1,334	3,067	664	68,144	63,854	4,290	282,823	7
75	34,327	68	15,493	7	1,006	6,566	4,418	358	1,745	45	39,415	38,579	836	133,138	8
66	30,845	56	15,873			9,263	2,121	740	5,536	866	119,914	118,597	1,317	263,209	9
75	27,338			4	535	25,471	21,794	398	2,031	1,248	59,361	57,711	1,650	201,686	10
978	505,574	393	109,853	108	18,870	250,972	14,275	3,130	226,359	7,208	1,355,353	1,348,502	6,851	2,530,048	11
102	45,869	6	1,433			29,135	11,411	2,368	15,356		290,743	289,377	1,366	527,404	12
13	7,548	23	6,882			1,023		193	830		19,413	18,594	819	40,041	13
75	28,467	278	61,149	4	560	26,108	6,078	406	19,624		142,360	139,291	3,069	300,980	14
135	69,789	77	13,750	11	1,822	19,267	2,721	1,244	15,302		203,308	200,917	2,391	361,558	15
118	68,862			12	3,000	9,088	1,876	2,736	4,476		234,424	229,018	5,406	375,962	16
713	411,709	75	18,840	15	2,843	143,917	56,817	8,396	78,704		1,498,233	1,458,784	39,449	2,540,245	17
113	41,969	65	11,719	6	818	40,904	9,274	116	31,514		242,600	241,149	1,451	476,552	18
476	225,158	492	127,176	65	14,970	28,889	15,742	1,264	11,883		361,647	353,413	8,234	912,489	19
1,478	1,024,075	1	468	2	370	306,042	14,163	8,973	25,148	257,758	1,759,639	1,754,601	5,038	3,596,388	20
1	516	2	270			502	376	36	90		1,972	1,883	89	6,475	21

TABLE 8.—MANUFACTURES IN CITIES

NEWARK—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
22	Carriage and wagon materials	11	$311,436	$10,000	$11,010	$74,591	$215,835	11	26	$31,051	270	$128,143
23	Carriages and wagons	49	890,625	183,400	193,175	72,003	442,047	57	30	28,612	434	259,056
24	Cars and general shop construction and repairs by street railroad companies.	5	367,175	100,000	100,000	48,800	118,375		8	5,776	219	140,084
25	Chemicals	9	7,212,378	282,928	571,415	1,174,555	5,183,480	7	161	252,431	1,063	503,056
26	Cleansing and polishing preparations	4	7,366			205	7,161	2	1	350	3	1,472
27	Clothing, men's, custom work and repairing.	177	745,446	137,150	97,750	35,809	474,737	185	48	39,118	523	257,191
28	Clothing, men's, factory product	46	299,625	40,300	62,500	20,338	176,487	59	21	32,036	1,118	414,314
29	Clothing, men's, factory product, buttonholes.	5	5,563	2,200	2,000	1,303	60	8			9	2,639
30	Clothing, women's, dressmaking	207	159,899	26,780	40,250	22,308	70,561	224	1	150	314	121,019
31	Clothing, women's, factory product	24	931,955	55,700	135,219	76,721	664,315	27	103	88,016	1,330	410,053
32	Coffee and spice, roasting and grinding	3	74,185	6,000	6,500	8,385	53,300	5	10	6,755	26	11,567
33	Confectionery	29	210,201	29,950	28,760	51,204	100,287	40	34	13,900	114	53,648
34	Cooperage	7	99,280	21,300	14,200	10,005	53,775	7	4	3,808	52	29,860
35	Cork, cutting	3	9,080	750	1,100	2,230	5,000	3	1	960	16	4,620
36	Corsets	9	536,666	15,000	100,000	71,474	350,192	18	62	60,724	1,323	421,307
37	Cutlery and edge tools	14	591,834	73,900	92,363	137,349	288,222	11	90	103,285	737	309,454
38	Dyeing and cleaning	10	93,395	19,500	18,300	8,010	47,585	12	3	3,000	21	8,566
39	Dye stuffs and extracts	6	142,217	5,000	11,000	30,850	95,367	3	17	18,533	38	14,355
40	Electrical apparatus and supplies	12	1,463,136	30,722	120,608	304,825	1,006,981	8	91	89,878	475	263,818
41	Electrical construction and repairs	16	73,634			13,570	60,064	17	15	13,506	106	57,382
42	Electroplating	10	40,580	5,000	10,000	11,075	14,505	14	2	1,716	69	26,900
43	Enameling and enameled goods	8	43,527	2,650	6,527	21,820	12,530	7	4	2,756	25	12,118
44	Engraving and diesinking	10	42,320			29,310	13,010	16	1	260	60	34,932
45	Engraving, steel, including plate printing.	8	48,105	1,400	1,800	30,800	14,105	5	5	5,568	62	40,860
46	Fancy articles, not elsewhere specified	15	782,606	49,406	102,100	218,099	413,001	11	179	170,322	685	283,195
47	Fertilizers	2	1,910,316	200,404	186,757	289,212	1,263,943	2	61	116,582	347	171,418
48	Files	3	17,250			7,350	9,900	5	3	2,600	39	19,766
49	Flavoring extracts	5	54,470	4,000	5,300	2,420	42,750	6			30	8,718
50	Flouring and grist mill products	4	89,670	12,000	23,000	14,500	40,170	8	9	7,000	18	9,460
51	Food preparations	8	432,121	2,000	35,000	83,692	311,429	7	16	19,208	47	25,514
52	Foundry and machine shop products	93	5,434,470	589,722	659,938	1,457,822	2,726,988	78	268	377,338	3,031	1,568,900
53	Fur goods	8	91,445	15,500	20,924	4,361	50,660	9	11	6,590	26	15,186
54	Fur hats	31	1,272,429	158,600	234,169	249,363	630,297	27	95	111,242	2,273	1,155,251
55	Furniture, cabinetmaking, repairing, and upholstering.	57	108,005	10,250	14,200	15,775	67,780	67	6	3,260	121	58,648
56	Furniture, factory product	7	102,585	9,400	30,500	12,333	50,352	11	8	3,872	123	75,547
57	Gas and lamp fixtures	7	41,319			6,654	34,665	7	5	4,280	67	23,073
58	Glass, cutting, staining, and ornamenting.	13	80,615	12,300	18,300	10,565	39,450	23	2	1,850	84	47,374
59	Gold and silver, reducing and refining, not from the ore.	11	526,525	16,500	16,000	58,025	436,000	15	24	25,264	40	26,352
60	Grease and tallow	3	47,050	3,350	7,150	2,650	33,900	8	3	3,952	9	6,322
61	Hairwork	6	11,400			2,050	9,350	6	1	1,300	23	6,844
62	Hand knit goods	6	7,463			2,905	4,558	6			8	2,450
63	Hardware	19	795,785	52,000	78,150	259,864	405,771	16	48	57,220	792	321,373
64	Hardware, saddlery	19	562,585	63,500	97,500	116,992	284,593	24	37	38,719	467	220,542
65	Hat and cap materials	13	90,235	14,000	15,000	24,380	36,855	12	11	12,190	115	33,701
66	Hats and caps, not including fur hats and wool hats.	26	415,585	44,100	71,948	62,303	237,234	31	37	39,506	629	238,195
67	Ice, manufactured	4	365,675	54,750	84,500	190,675	35,750	4	10	14,386	62	29,010
68	Instruments, professional and scientific	4	88,250			19,500	68,750	4	15	6,616	28	12,795
69	Iron and steel	3	1,499,614	225,000	284,939	252,066	737,609		25	43,584	634	346,548
70	Iron and steel, forgings	3	148,526	5,462	3,004	42,704	97,356	2	6	12,254	95	65,964
71	Ironwork, architectural and ornamental.	10	115,450	25,800	14,950	21,900	52,800	14	8	7,850	100	61,668
72	Ivory and bone work	5	85,790			25,013	60,777	6	15	13,442	137	49,254
73	Japanning	5	12,825	3,600	4,700	1,400	3,125	4			16	6,942
74	Jewelry	98	5,512,552	67,250	154,700	562,724	4,727,878	165	321	395,083	2,768	1,555,869
75	Kindling wood	3	5,135	3,000	500	875	760	3			5	2,034
76	Lamps and reflectors	3	29,150			14,600	14,550	1	11	9,038	81	37,480
77	Lasts	3	63,122		25,000	27,631	10,491	3	4	6,516	44	20,519
78	Leather goods	9	35,893	5,000	2,800	13,240	14,853	8	7	3,665	57	20,261
79	Leather, tanned, curried, and finished	61	8,086,652	896,350	1,021,121	614,369	5,554,812	58	221	338,382	3,283	1,661,400
80	Lime and cement	4	308,585	23,700	73,800	78,515	132,570	4	9	8,773	98	49,679
81	Liquors, malt	16	12,175,804	1,023,872	3,161,492	1,851,180	6,139,260	6	204	489,598	970	774,589
82	Liquors, vinous	3	1,060	150	300	100	510	3			1	360
83	Lock and gun smithing	21	13,214			5,638	7,576	23			23	11,930
84	Looking-glass and picture frames	16	66,188	6,500	8,500	6,799	44,389	16	9	4,470	40	16,461
85	Lumber, planing mill products, including sash, doors, and blinds.	13	236,709	14,000	30,200	87,072	105,437	10	29	30,734	200	97,806
86	Marble and stone work	20	554,198	89,000	26,100	87,827	351,271	21	27	37,224	439	279,495
87	Masonry, brick and stone	64	662,632	46,870	68,530	121,470	425,762	79	23	25,285	1,286	645,360
88	Mattresses and spring beds	9	39,492	4,000	8,000	8,547	18,945	13	5	3,900	46	20,543
89	Millinery, custom work	53	157,707	23,400	14,100	8,485	111,722	60	31	16,290	237	83,984
90	Mineral and soda waters	20	300,950	29,900	40,000	160,940	70,110	24	7	4,354	109	60,302
91	Models and patterns	10	30,595			9,065	21,530	13	2	935	59	36,310

BY SPECIFIED INDUSTRIES: 1900—Continued.

NEWARK—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
266	$126,717	4	$1,426			$36,492	$9,629	$2,229	$24,634		$258,391	$250,479	$7,912	$499,397	22
434	259,056					48,047	9,246	5,842	24,893	$8,066	297,760	291,412	6,348	805,045	23
219	140,084					3,066	495	2,006	565		185,828	184,371	1,457	369,784	24
830	416,144	233	86,912			194,905	1,080	19,267	174,558		1,461,273	1,386,839	74,434	3,113,095	25
3	1,472					795	505		290		4,150	4,021	129	8,130	26
386	223,496	123	31,599	14	$2,096	196,728	56,368	3,986	29,024	107,350	694,807	690,423	4,384	1,518,470	27
550	275,234	545	136,668	23	2,412	135,546	24,286	3,631	13,109	94,520	286,340	279,307	7,033	1,040,004	28
3	1,134	6	1,505			495	306	34	155		1,300	1,268	32	9,116	29
67	34,510	243	85,652	4	857	30,872	25,669	838	3,662	703	128,082	125,393	2,689	435,110	30
70	39,467	1,219	365,174	41	5,412	111,428	14,416	3,866	86,728	6,418	716,471	709,654	6,817	1,642,554	31
23	11,240			3	327	4,577	1,680	315	2,582		113,209	112,301	908	154,468	32
81	43,739	30	9,427	3	482	33,557	11,296	1,933	19,328	1,000	240,078	237,237	2,811	445,293	33
52	29,360					1,116	114	395	607		72,848	72,649	199	122,111	34
7	2,676	2	600	7	1,344	934	216	18	700		10,440	10,215	225	20,826	35
135	96,093	1,154	320,164	34	5,050	39,181	9,590	2,754	26,837		576,641	570,785	5,856	1,298,754	36
701	300,404	25	7,836	11	1,214	39,165	6,444	2,826	29,895		237,177	222,908	14,269	784,540	37
18	7,481	3	1,085			8,062	4,410	798	2,854		63,322	61,925	1,397	102,195	38
28	12,906	10	1,419			12,503	2,965	521	9,017		111,321	107,979	3,342	222,622	39
385	236,104	80	26,246	10	1,468	183,370	14,400	1,377	167,593		421,795	410,470	11,325	1,169,056	40
106	57,382					10,035	6,068	385	3,507	75	74,343	73,081	1,262	189,216	41
67	26,476	1	325	1	99	3,480	2,009	189	1,282		16,157	13,810	2,347	67,567	42
16	9,032	9	3,086			1,485	1,064	54	367		8,851	8,108	743	32,101	43
55	34,182			5	750	6,949	3,814	43	3,092		3,935	3,304	631	74,029	44
60	40,160	2	700			2,863	2,472	77	314		1,640	990	650	54,250	45
361	216,246	291	62,118	33	4,831	92,782	4,841	2,541	84,650	750	430,913	425,305	5,608	1,079,931	46
314	162,692	30	7,894	3	832	203,281	8,992	9,733	184,556		802,153	770,852	31,301	1,426,285	47
38	19,628			1	138	1,591	1,292	51	248		4,322	3,663	659	40,300	48
8	4,968	22	3,750			2,453	252	117	2,084		35,596	35,481	115	58,132	49
18	9,460					4,447	1,540	800	2,107		275,072	270,880	4,192	353,933	50
46	25,364			1	150	10,506	5,669	57	4,780		71,162	69,043	2,119	156,012	51
2,873	1,530,981	106	29,476	52	8,443	274,641	47,856	20,102	205,168	1,515	2,218,197	2,103,309	114,888	5,536,893	52
14	9,786	12	5,400			8,690	2,794	708	5,188		32,089	31,764	325	81,447	53
1,597	932,093	664	220,424	12	2,734	136,510	15,266	7,782	106,192	7,270	1,741,327	1,687,834	53,493	3,453,619	54
92	50,764	23	6,508	6	1,376	15,994	9,510	777	5,337	370	118,109	116,701	1,408	233,385	55
120	74,365	2	1,000	1	182	9,323	3,138	633	2,552	3,000	52,386	49,506	2,880	197,775	56
47	18,397	18	4,440	2	236	10,666	3,104	78	7,484		48,156	46,794	1,362	104,863	57
84	47,374					4,912	2,611	379	1,872	50	79,894	70,014	9,880	179,824	58
39	26,152			1	200	14,949	5,672	2,827	6,438	12	2,092,107	2,085,422	6,685	2,251,298	59
9	6,322					2,936		106	2,830		45,770	44,735	1,035	66,900	60
1	260	22	6,584			3,175	2,132	11	1,032		7,814	7,769	45	27,900	61
2	1,000	6	1,450			4,865	478	6	31	4,350	9,496	9,481	15	20,671	62
693	304,694	24	6,212	75	10,467	50,893	11,464	3,429	32,700	3,300	449,952	436,251	13,701	1,013,409	63
440	213,171	15	4,433	12	2,938	30,807	5,054	2,050	23,603	100	203,028	191,812	11,216	599,011	64
52	21,838	58	11,253	5	610	6,892	3,189	597	3,081	25	453,675	447,258	6,417	553,390	65
329	149,369	300	88,826			46,516	7,572	1,734	37,210		430,498	418,709	11,789	933,755	66
62	29,010					19,756		2,464	17,292		31,275	9,503	21,772	112,414	67
28	12,795					2,964	1,180	15	1,769		7,334	6,771	563	66,278	68
629	345,548			5	1,000	56,220		5,461	50,759		486,139	344,701	141,438	1,169,744	69
95	65,964					6,449	2,146	519	3,784		42,819	35,675	7,144	139,238	70
100	61,668					11,308	2,439	411	4,958	3,500	186,042	183,324	2,718	316,796	71
99	41,606	29	6,420	9	1,228	4,286	3,304	92	890		87,303	85,828	1,475	180,168	72
14	6,654	1	192	1	96	768	108	127	533		7,083	6,408	675	25,100	73
1,959	1,271,918	773	276,760	36	7,191	419,829	58,496	15,341	345,919	73	3,823,460	3,798,940	24,520	7,364,247	74
5	2,034					758	185	103	470		3,738	3,618	120	7,500	75
75	36,232	3	624	3	624	2,902	2,196	99	607		22,334	21,734	600	85,400	76
44	20,519					4,202	2,298	109	1,795		19,145	17,928	1,217	65,363	77
30	14,756	19	4,105	8	1,400	3,049	2,088	176	785		26,004	25,372	632	70,281	78
3,229	1,648,050	32	8,239	22	5,111	401,929	28,023	30,153	332,621	11,132	7,391,534	7,298,488	93,046	10,857,192	79
98	49,679					15,744	400	4,361	10,983		119,716	108,148	11,568	221,147	80
966	773,189	2	1,000	2	400	3,750,450	2,760	61,463	3,686,227		1,654,283	1,551,072	103,211	8,236,468	81
1	360					147	70	5	72		400	400		2,210	82
22	11,670	1	260			6,889	5,042	49	1,448	350	11,837	11,338	499	48,427	83
34	15,503			6	958	7,731	5,378	403	1,799	151	62,724	62,170	554	112,467	84
196	96,556	4	1,250			14,192	4,404	1,079	8,609	100	246,481	242,246	4,235	431,343	85
433	277,695			6	1,800	50,429	8,494	2,280	34,234	5,421	358,375	351,850	6,525	824,357	86
1,286	615,360					96,114	5,244	2,428	36,014	52,428	951,193	944,820	6,373	2,035,545	87
35	16,901	11	3,642			8,079	3,551	816	2,972	1,240	73,834	73,239	595	119,292	88
16	8,068	215	75,128	6	788	29,162	18,169	1,337	8,678	978	270,469	269,199	1,270	489,245	89
109	60,302					21,931	2,856	1,134	17,901	40	106,945	104,683	2,262	292,830	90
54	35,290	5	1,020			3,804	2,519	75	1,210		12,693	11,809	884	78,751	91

TABLE 8.—MANUFACTURES IN CITIES

NEWARK—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
92	Monuments and tombstones	10	$47,100	$10,300	$8,850	$2,690	$25,260	12			22	$11,810
93	Mucilage and paste	4	9,950		600	3,950	5,400	3	5	$2,060	3	2,400
94	Oil, not elsewhere specified	5	321,551	11,720	64,426	61,492	183,913		35	61,534	44	24,246
95	Painting, house, sign, etc	155	315,138	43,335	47,925	36,636	187,242	184	23	14,703	555	328,244
96	Paints	6	963,845	41,000	130,400	237,800	554,645	3	62	87,037	237	140,075
97	Paper hanging	5	8,075	1,000	3,000	490	3,585	5			18	10,946
98	Patent medicines and compounds	6	20,560	300	625	2,735	16,900	2	6	5,000	20	8,786
99	Paving and paving materials	7	156,730	10,000	13,125	33,974	99,631	5	8	9,190	89	44,511
100	Perfumery and cosmetics	5	19,852			1,752	18,100	1	14	11,330	34	7,209
101	Photography	26	41,111	3,000	5,200	21,657	11,254	28	4	1,520	29	17,129
102	Pickles, preserves, and sauces	7	33,770	3,500	5,500	4,953	19,817	9			35	16,846
103	Plastering and stuccowork	7	47,330	12,300	13,800	8,405	12,825	8	4	3,750	22	10,360
104	Plumbers' supplies	5	92,440	6,000	6,100	33,222	47,118	4	12	18,812	47	28,523
105	Plumbing, and gas and steam fitting	145	590,845	46,450	80,850	86,505	377,040	172	50	37,778	815	435,062
106	Pottery, terra cotta, and fire-clay products.	4	35,600	17,000	8,400	3,700	6,500	3	5	2,872	16	6,684
107	Printing and publishing, book and job	54	624,712	25,200	55,163	321,713	222,636	62	104	89,403	493	203,380
108	Printing and publishing, newspapers and periodicals.	16	1,164,835	125,000	36,679	776,775	226,381	12	75	99,456	403	285,410
109	Roofing and roofing materials	14	174,105	20,500	32,250	13,740	107,615	15	14	15,868	130	62,807
110	Rubber and elastic goods	5	213,444			54,027	159,417	1	7	10,928	100	39,385
111	Saddlery and harness	46	708,176	73,700	58,150	106,388	469,938	57	48	49,122	719	336,584
112	Scales and balances	4	403,022			51,270	351,752	2	10	9,020	85	21,210
113	Sewing machine repairing	8	4,681			1,878	2,803	9			2	1,410
114	Shirts	7	64,610	3,572		7,346	53,692	4	11	13,750	158	47,660
115	Silversmithing	6	1,063,236	12,826	395,917	282,928	371,565	4	43	50,677	590	346,718
116	Silverware	6	540,077			79,604	460,473	8	54	50,666	258	129,617
117	Slaughtering and meat packing, wholesale.	8	321,477	22,700	70,000	61,566	167,211	12	36	29,208	169	89,473
118	Smelting and refining, not from the ore	4	3,505	1,250	1,600	305	350	4			3	950
119	Sporting goods	4	94,963	2,000	6,000	15,000	71,963	2	9	13,060	99	31,169
120	Stamped ware	15	868,583	56,696	113,000	339,688	359,199	16	40	44,915	950	346,704
121	Steam fittings and heating apparatus	3	82,458			14,774	67,684	2	10	19,196	34	15,325
122	Surgical appliances	3	3,275			625	2,650	3			5	2,548
123	Tinsmithing, coppersmithing, and sheet-iron working.	26	178,279	15,350	39,764	45,853	77,312	29	16	17,670	181	95,210
124	Tobacco, cigars and cigarettes	113	560,900	76,575	57,865	16,622	409,838	123	22	22,032	679	298,867
125	Tools, not elsewhere specified	18	647,833	43,472	97,992	177,891	328,478	23	38	43,910	681	318,659
126	Trunks and valises	14	500,044	23,700	30,475	122,967	322,902	18	23	29,369	467	243,762
127	Upholstering materials	3	149,550	20,000	10,000	44,150	75,400	4	3	4,060	37	22,000
128	Varnish	17	3,596,876	225,548	570,874	338,633	2,461,821	7	215	329,407	185	136,685
129	Watch cases	5	1,371,137	28,000	193,000	320,984	829,153	2	38	49,420	637	305,268
130	Watch, clock, and jewelry repairing	54	54,321	5,250	10,650	14,754	23,667	56			58	35,887
131	Wirework, including wire rope and cable.	4	63,670			28,400	35,270	3	12	3,248	80	36,047
132	Wood, turned and carved	15	171,560	8,750	39,000	24,270	99,540	20	5	3,912	104	42,991
133	All other industries[1]	95	22,883,630	1,944,632	4,149,938	7,851,603	8,937,457	75	397	532,054	5,689	2,514,805

[1] Embraces artificial feathers and flowers, 2; babbitt metal and solder, 1; baskets, and rattan and willow ware, 2; boot and shoe cut stock, 2; boot and shoe uppers, 2; brassware, 2; bronze castings, 2; cheese, butter, and condensed milk, factory product, 2; china decorating, 1; chocolate and cocoa products, 1; cloth, sponging and refinishing, 1; coffins, burial cases, and undertakers' goods, 2; copper, smelting and refining, 1; cotton goods, 2; cotton small wares, 1; drug grinding, 1; felt goods, 1; furnishing goods, men's, 1; furs, dressed, 2; gas, illuminating and heating, 1; gas machines and meters, 2; hosiery and knit goods, 1; ink, printing, 1; ink, writing, 2; iron and steel, bolts, nuts, washers, and rivets, 2; jewelry and instrument cases, 1; kaolin and other earth grinding, 1; lapidary work, 1; lard, refined, 1; lead, smelting and refining, 1; lithographing and engraving, 1; lumber and timber products, 2; malt, 1; mantels, slate, marble, and

NEW BRUNSWICK.

1	All industries	193	$6,028,086	$345,280	$815,624	$1,584,808	$3,282,374	201	218	$260,992	3,726	$1,256,034
2	Bicycle and tricycle repairing	5	3,150			1,225	1,925	5			3	1,150
3	Blacksmithing and wheelwrighting	14	21,260	3,410	4,430	4,130	9,290	17	1	100	19	9,871
4	Boots and shoes, custom work and repairing.	15	16,375	4,100	4,060	2,370	5,845	16			7	2,670
5	Bread and other bakery products	11	40,820	3,200	8,925	11,070	17,625	11	1	884	42	23,176
6	Carpentering	6	25,150	2,200	4,000	4,700	14,250	7			33	22,965
7	Carriages and wagons	4	12,900	1,200	3,400	2,000	6,300	6			7	3,420
8	Clothing, men's, custom work and repairing.	15	45,030	6,800	7,800	1,405	29,025	20	1	400	48	21,455
9	Clothing, women's, dressmaking	7	7,275	650	3,050	885	2,690	7			7	1,624
10	Confectionery	3	8,050			2,000	6,050	4			5	1,560
11	Foundry and machine shop products	10	503,829	14,350	53,131	134,186	302,162	3	24	30,328	327	145,529
12	Furniture, cabinetmaking, repairing, and upholstering.	4	19,900	2,500	8,500	1,350	7,550	4	2	936	6	4,100
13	Millinery, custom work	8	42,100	6,500	13,500	950	21,150	9	2	1,296	32	8,902
14	Monuments and tombstones	5	20,515	665	600	1,200	18,050	5			3	2,316
15	Painting, house, sign, etc	9	9,760	1,550	1,100	1,390	5,720	12			17	8,740
16	Plumbing, and gas and steam fitting	10	39,725	5,200	7,000	5,075	22,450	11	2	1,100	35	18,784

BY SPECIFIED INDUSTRIES: 1900—Continued.

NEWARK—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
22	$11,810					$1,930	$620	$425	$844	$41	$31,593	$31,293	$300	$64,053	92
3	2,400					561	312	29	220		20,687	20,440	247	31,950	93
44	24,246					34,239	1,050	1,536	31,653		423,802	421,637	2,165	587,680	94
552	327,832			3	$412	40,475	20,281	1,800	17,229	1,165	210,960	210,142	818	815,822	95
220	135,399	17	$4,676			42,050	3,250	4,084	34,716		822,655	790,605	32,050	1,241,893	96
18	10,946					777	540	69	168		6,195	6,150	45	23,733	97
11	5,727	9	3,059			29,449	1,340	72	28,037		14,922	14,882	40	70,907	98
89	44,511					5,041	1,134	316	3,466	125	85,402	82,102	3,300	190,546	99
11	3,010	23	4,199			32,527	2,114	107	30,306		49,182	48,782	400	102,163	100
25	16,001	4	1,128			12,226	9,158	180	2,888		25,228	24,843	385	89,928	101
26	14,583	7	1,847	2	416	3,336	895	224	2,217		50,183	49,948	235	90,088	102
22	10,360					2,840	1,068	297	1,275	200	15,338	13,503	1,835	46,331	103
47	28,523					15,007	5,383	1,240	8,384		40,364	37,619	2,745	126,321	104
806	433,229	1	312	8	1,521	63,207	27,769	2,371	25,636	7,431	753,835	746,344	7,491	1,692,646	105
14	6,396			2	288	1,062	30	351	681		3,999	2,483	1,516	16,425	106
860	169,653	119	30,632	14	3,095	37,570	15,346	997	20,920	307	185,153	179,316	5,837	674,321	107
376	276,790	26	8,470	1	150	85,417	12,522	3,842	66,373	2,680	399,620	393,218	6,402	1,183,331	108
130	62,807					26,438	2,892	904	22,642		159,728	158,298	1,430	301,461	109
40	25,239	60	14,146			26,760	5,046	1,551	20,163		242,204	239,021	3,183	360,605	110
613	308,621	79	25,602	27	2,361	80,236	14,172	3,865	62,199		523,167	513,677	9,490	1,184,178	111
33	20,910			2	300	4,864	2,178	176	2,510		16,817	15,230	1,587	65,261	112
2	1,410					1,627	1,404	15	208		1,785	1,750	35	10,634	113
17	10,575	141	37,085			5,345	2,520	390	2,435		41,035	39,710	1,325	124,933	114
508	334,989	71	9,970	11	1,759	12,542	2,250	2,449	7,843		544,519	532,898	11,621	1,373,217	115
209	110,575	41	16,360	8	2,682	47,831	8,053	277	39,501		237,800	235,100	2,700	623,719	116
167	89,213			2	260	37,809	7,485	2,382	27,942		2,865,204	2,852,318	12,886	3,093,396	117
3	950					251	120	33	98		18,150	17,775	375	22,825	118
28	12,085	58	17,267	13	1,817	9,384	3,884	284	5,216		176,284	174,578	1,706	263,768	119
593	277,288	241	51,416	116	18,000	31,377	4,230	4,486	22,661		390,071	375,378	14,693	969,595	120
34	15,325					2,473	1,188	142	1,143		68,246	67,810	436	124,550	121
4	2,028	1	520			1,007	664	31	312		1,187	1,142	45	8,480	122
173	93,858	2	288	6	1,064	24,747	5,382	921	14,194	4,250	185,459	182,965	2,494	387,721	123
284	156,042	376	139,429	19	3,396	152,720	15,513	2,437	134,770		378,934	377,062	1,872	1,049,174	124
619	315,705	4	1,254	8	1,700	51,881	5,056	3,198	35,909	7,718	379,013	363,818	15,195	905,300	125
433	234,835	27	7,809	7	1,118	48,540	15,109	2,459	30,927	45	479,388	477,148	2,240	904,501	126
36	21,750	1	250			6,048	2,260	898	2,890		102,504	98,514	3,990	164,633	127
181	135,773	2	612	2	300	143,851	7,545	14,371	121,935		1,121,973	1,111,433	10,540	2,401,849	128
515	255,900	107	44,868	15	4,500	34,535	920	4,120	29,495		730,871	724,956	5,915	1,258,601	129
54	35,085	1	250	3	552	18,376	9,166	313	3,684	5,213	24,080	23,320	760	139,497	130
76	35,272	3	700	1	75	10,306	4,236	470	5,600		51,824	49,944	1,880	113,685	131
74	38,773	1	364	29	3,854	5,379	2,931	740	1,708		30,412	28,064	2,348	111,432	132
3,602	1,938,912	1,771	524,534	316	51,359	933,187	33,882	117,775	779,015	2,515	16,978,910	16,665,941	312,969	25,041,736	133

marbleized, 1; millinery and lace goods, 2; musical instruments and materials, not specified, 2; oil, linseed, 1; oilcloth, enameled, 1; optical goods, 1; paper and wood pulp, 1; paper goods, not elsewhere specified, 1; paper hangings, 1; phonographs and graphophones, 1; photographic materials, 1; photolithographing and photoengraving, 2; pipes, tobacco, 1; plated and britannia ware, 1; refrigerators, 1; rules, ivory and wood, 1; sausage, 2; saws, 2; sewing machines and attachments, 2; shoddy, 1; slaughtering, wholesale, not including meat packing, 2; soap and candles, 2; springs, steel, car and carriage, 1; stationery goods, not elsewhere specified, 1; stereotyping and electrotyping, 2; taxidermy, 1; tobacco, chewing, smoking, and snuff, 1; typewriters and supplies, 2; umbrellas and canes, 2; watch and clock materials, 2; watches, 1; window shades, 1; wire, 1; wood, preserving, 1; wool hats, 1; zinc, smelting and refining, 1.

NEW BRUNSWICK.

2,095	$860,870	1,442	$363,542	189	$31,622	$661,944	$25,069	$32,858	$593,014	$11,003	$2,929,882	$2,869,765	$60,117	$5,812,757	1
3	1,150					694	486		208		2,615	2,425	190	6,810	2
18	9,515			1	356	2,194	769	87	338	1,000	14,261	13,588	673	38,918	3
7	2,670					1,083	612	112	234	125	5,569	5,394	175	15,716	4
38	22,314	3	662	1	200	3,682	2,285	288	1,109		64,804	62,014	2,790	111,174	5
33	22,965					4,188	218	245	825	2,900	39,839	39,474	365	78,994	6
7	3,420					628	292	58	260	18	9,340	9,235	105	17,930	7
45	21,034	3	421			3,603	1,947	239	1,417		27,971	27,597	374	70,010	8
		7	1,624			576	326	142	93	15	1,900	1,825	75	7,875	9
8	1,040	1	260	1	260	1,102	1,020		82		4,986	4,871	115	13,805	10
317	141,329	9	3,900	1	300	41,699	3,365	1,666	29,818	6,850	143,567	133,626	9,941	411,567	11
6	4,100					381	171	125	85		4,528	4,423	105	13,700	12
		32	8,902			2,276	1,360	175	741		24,652	24,420	232	48,200	13
3	2,316					532	355	68	109		7,253	7,230	23	16,000	14
17	8,740					456	284	44	128		7,245	7,225	20	23,425	15
34	18,610			1	174	2,193	846	205	1,122	20	35,565	35,065	500	71,960	16

TABLE 8.—MANUFACTURES IN CITIES

NEW BRUNSWICK—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
17	Printing and publishing, book and job	5	$26,100	$1,500	$3,500	$17,300	$3,800	6			18	$8,550
18	Printing and publishing, newspapers and periodicals.	3	66,950	3,000	7,000	44,950	12,000	1	10	$7,748	27	17,166
19	Saddlery and harness	4	4,225	1,000	1,000	575	1,650	4			3	1,565
20	Tobacco, cigars and cigarettes	13	70,505	1,750	2,000	13,250	53,505	15	2	3,160	383	131,623
21	Watch, clock, and jewelry repairing	6	9,850			2,200	7,650	6			10	6,279
22	All other industries[1]	36	5,034,617	285,705	682,628	1,332,597	2,733,687	32	173	215,040	2,694	814,589

[1] Embraces bluing, 1; boots and shoes, factory product, 2; boots and shoes, rubber, 1; bottling, 2; boxes, fancy and paper, 1; buttons, 1; carpets, rag, 1; clothing, women's, factory product, 1; dyeing and cleaning, 1; flouring and grist mill products, 1; gas, illuminating and heating, 1; grease and tallow, 1; hairwork, 1; hand knit goods, 1; hosiery and knit goods, 2; liquors, malt, 1; lock and gun smithing, 1; lumber, planing mill products, including sash, doors, and

ORANGE.

1	All industries	284	$1,937,457	$149,943	$221,967	$313,971	$1,251,576	322	77	$79,758	2,712	$1,428,284
2	Bicycle and tricycle repairing	5	3,300			1,625	1,675	5	1	780	6	1,775
3	Blacksmithing and wheelwrighting	11	15,655	2,650	2,000	1,680	9,325	12			14	8,748
4	Boots and shoes, custom work and repairing.	21	3,452			1,900	1,552	22			13	4,416
5	Bottling	3	13,400	500	800	8,350	3,750	3	1	720	5	2,892
6	Bread and other bakery products	17	64,450	14,600	16,500	15,690	17,660	17			69	36,152
7	Carpentering	33	91,244	10,975	11,660	10,732	57,877	39	2	1,400	202	116,784
8	Carriages and wagons	7	29,625	11,000	6,500	2,600	9,525	7	1	364	32	15,806
9	Clothing, men's, custom work and repairing.	11	3,775			1,215	2,560	11			11	4,922
10	Clothing, women's, dressmaking	19	5,870	1,000	500	1,845	2,525	19	1	600	31	7,308
11	Confectionery	3	5,300			3,100	2,200	3			7	2,215
12	Electrical construction and repairs	3	4,635	600	400	435	3,200	3			4	1,920
13	Fur hats	12	1,109,496	50,800	118,782	142,037	797,877	23	42	49,416	1,497	813,525
14	Furniture, cabinetmaking, repairing, and upholstering.	3	3,625			425	3,200	3			7	5,224
15	Glass, cutting, staining, and ornamenting.	4	3,585	250	200	385	2,750	4			6	3,716
16	Lumber, planing mill products, including sash, doors, and blinds.	5	72,621	17,800	10,500	10,100	34,221	6	2	1,980	52	29,540
17	Masonry, brick and stone	16	58,985	7,200	4,100	8,450	39,235	19	4	4,480	179	97,630
18	Millinery, custom work	4	7,420	1,500	1,000	20	4,900	6			4	1,090
19	Painting, house, sign, etc	19	20,128	500	850	3,825	14,953	22	1	260	90	42,419
20	Paving and paving materials	4	18,570			2,205	16,365	8			59	18,777
21	Photography	7	32,025	3,000	5,000	7,550	16,475	7			14	7,223
22	Plumbing, and gas and steam fitting	24	99,610	17,040	18,500	8,910	55,160	32	1	624	131	68,426
23	Printing and publishing, newspapers and periodicals.	5	42,445			28,850	13,595	3	3	8,000	60	31,354
24	Saddlery and harness	4	10,500			650	9,850	4			8	5,289
25	Tobacco, cigars and cigarettes	6	23,545	300	200	675	22,370	6	1	348	22	10,361
26	Watch, clock, and jewelry repairing	3	2,300	700	1,000	325	275	3			2	864
27	Wood, turned and carved	3	5,100			2,300	2,800	3			3	2,240
28	All other industries[1]	32	186,796	9,528	23,475	48,092	105,701	32	17	10,786	184	87,668

[1] Embraces awnings, tents, and sails, 2; bookbinding and blank book making, 2; boxes, fancy and paper, 2; boxes, wooden packing, 2; cars and general shop construction and repairs by street railroad companies, 1; dyeing and cleaning, 2; electrical apparatus and supplies, 1; flouring and grist mill products, 1; foundry and machine shop products, 2; lapidary work, 1; lock and gun smithing, 2; looking-glass and picture frames, 1; marble and stone work, 1; mattresses and spring

PASSAIC.

1	All industries	185	$23,279,421	$682,915	$2,623,627	$9,362,967	$10,609,912	178	441	$654,094	7,102	$2,778,278
2	Bicycle and tricycle repairing	5	1,945	300	400	545	700	5			4	1,628
3	Blacksmithing and wheelwrighting	9	11,225	3,900	2,100	1,215	4,010	10			14	7,945
4	Boots and shoes, custom work and repairing.	19	2,106	200	600	778	528	20			4	1,860
5	Bottling	5	4,417	1,400	1,600	230	1,187	6			10	4,869
6	Bread and other bakery products	17	62,910	12,000	32,000	7,595	11,315	16			49	23,262
7	Carpentering	5	18,650	3,200	2,900	2,950	9,600	7			61	40,031
8	Clothing, men's, custom work and repairing.	16	5,315			1,605	3,710	16			19	9,913
9	Dyeing and finishing textiles	8	3,554,356	126,500	482,718	1,457,084	1,488,054		57	92,786	1,315	596,583
10	Foundry and machine shop products	6	122,642	13,200	12,000	30,743	66,699	7	4	7,920	64	36,471
11	Furniture, cabinetmaking, repairing, and upholstering.	3	2,700	550	1,100	700	350	4			6	2,928
12	Masonry, brick and stone	5	88,725	2,000	7,300	2,725	76,700	4	2	3,000	244	132,121
13	Millinery, custom work	6	14,005	2,000	7,000	355	4,650	5			13	4,073
14	Painting, house, sign, etc	9	8,249			2,725	5,524	11	2	2,000	54	37,022
15	Photography	4	6,525			3,800	2,725	5			5	1,824
16	Plumbing, and gas and steam fitting	10	27,832	1,000	2,700	5,875	18,257	14	1	1,000	54	32,963

BY SPECIFIED INDUSTRIES: 1900—Continued.

NEW BRUNSWICK—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
15	$7,950	2	$450	1	$150	$1,707	$575	$150	$982		$9,031	$8,531	$500	$25,778	17
19	14,484	6	2,402	2	280	2,661	900	475	1,286		10,677	9,647	1,030	63,776	18
3	1,565					648	528	15	105		2,786	2,716	70	7,250	19
52	40,822	302	83,161	29	7,640	89,584	2,855	145	86,584		227,197	226,727	470	503,400	20
10	6,279					1,460	944	46	470		3,014	2,920	94	15,500	21
1,465	530,567	1,077	261,760	152	22,262	500,597	4,931	28,573	467,018	$75	2,283,082	2,240,812	42,270	4,250,969	22

blinds, 2; masonry, brick and stone, 1; musical instruments and materials, not specified, 1; needles and pins, 1; paints, 1; patent medicines and compounds, 1; photography, 2; pottery, terra cotta, and fire-clay products, 2; rubber and elastic goods, 1; ship and boat building, wooden, 1; shirts, 1; stamped ware, 1; surgical appliances, 1.

ORANGE.

2,287	$1,284,986	391	$135,477	34	$7,821	$232,632	$50,799	$6,462	$111,085	$64,286	$2,259,135	$2,201,833	$57,302	$4,694,335	1
5	1,515	1	260			1,656	1,346		310		3,912	3,827	85	11,112	2
14	8,748					1,469	1,259	125	85		7,134	6,613	521	34,272	3
13	4,416					1,871	1,804		67		7,648	7,488	160	22,564	4
5	2,892					2,636	336	50	2,250		8,120	7,940	180	19,000	5
60	32,892	9	3,260			10,988	4,844	554	5,590		151,471	148,789	2,682	251,186	6
202	116,784					49,812	1,790	647	4,500	42,875	154,352	153,240	1,112	883,051	7
32	15,806					2,718	1,572	215	781	150	14,269	13,970	299	42,198	8
10	4,538	1	384			2,344	2,089	25	230		7,755	7,650	105	21,993	9
		31	7,308			1,428	1,341	50	37		5,875	5,685	190	26,184	10
3	1,320	3	770	1	125	1,841	1,200	31	610		5,885	5,745	140	15,068	11
4	1,920					327	192	10	125		7,145	7,145		12,750	12
1,194	701,377	276	105,432	27	6,716	85,485	9,682	2,208	65,541	8,054	1,335,610	1,292,183	43,427	2,496,494	13
7	5,224					650	580	10	60		16,540	16,510	30	27,540	14
6	3,716					793	420	3	370		2,065	1,950	115	11,785	15
52	29,540					6,436	900	476	2,060	3,000	61,710	60,025	1,685	125,850	16
178	97,380			1	250	10,840	1,149	228	2,833	6,630	99,993	98,518	1,475	270,895	17
		4	1,090			1,251	900	66	285		6,600	6,550	50	14,470	18
90	42,419					2,588	1,392	46	1,150		32,648	32,633	15	109,930	19
59	18,777					2,770			1,070	1,700	55,202	55,202		89,468	20
10	5,722	3	1,416	1	85	4,743	1,786	132	2,825		7,765	7,600	165	30,200	21
130	68,218			1	208	8,309	4,238	486	3,585		112,831	111,899	932	239,630	22
57	30,504	3	850			5,709	2,316	210	1,706	1,477	14,813	14,015	798	76,786	23
8	5,289					1,173	960	8	205		23,745	23,660	85	44,499	24
18	9,636	3	600	1	125	4,726	982	33	3,711		13,008	12,963	45	36,328	25
2	864					253	120	63	70		1,430	1,350	80	6,400	26
3	2,240					798	558	30	210		2,353	2,095	258	7,183	27
125	73,249	57	14,107	2	312	19,018	7,043	756	10,819	400	99,256	96,588	2,668	267,499	28

beds, 1; mineral and soda waters, 2; monuments and tombstones, 1; musical instruments, organs and materials, 1; musical instruments, pianos and materials, 1; paper hanging, 1; patent medicines and compounds, 1; printing and publishing, book and job, 2; roofing and roofing materials, 1; tinsmithing, coppersmithing, and sheet-iron working, 1.

PASSAIC.

4,694	$2,188,550	2,192	$553,132	216	$36,596	$1,199,108	$41,602	$57,762	$1,060,159	$39,585	$7,971,505	$7,704,864	$266,641	$14,031,254	1
4	1,628					629	496	8	125		1,640	1,580	60	6,686	2
13	7,795			1	150	1,141	702	97	342		5,128	4,779	349	23,310	3
4	1,860					1,397	1,320	8	69		5,027	4,891	136	17,450	4
10	4,869					2,575	540	35	2,000		19,960	19,870	90	30,670	5
42	21,630	7	1,632			5,092	3,020	373	1,699		84,101	81,619	2,482	194,726	6
61	40,031					6,605	360	75	170	6,000	80,972	80,932	40	139,485	7
19	9,913					2,546	2,352	7	127	60	17,722	17,496	226	41,404	8
1,094	541,948	201	50,505	20	4,130	278,240		8,447	269,793		997,407	884,966	112,441	2,316,681	9
64	36,471					3,093	506	867	1,720		111,198	105,563	5,635	175,331	10
6	2,928					200	180	20			3,808	3,730	78	9,305	11
244	132,121					3,147	100	96	2,951		224,948	224,848	100	392,077	12
		13	4,073			1,035	890	70	75		9,470	9,445	25	19,870	13
53	36,878			1	144	1,173	942	10	221		15,739	15,656	83	67,604	14
4	1,675			1	149	2,050	1,500		550		5,425	5,305	120	12,770	15
52	32,557			2	406	2,730	1,959	128	643		72,269	71,794	475	132,040	16

TABLE 8.—MANUFACTURES IN CITIES

PASSAIC—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
17	Printing and publishing, newspapers and periodicals.	6	$158,796	$20,000	$34,000	$84,038	$20,758	4	12	$9,664	90	$25,396
18	Saddlery and harness	4	3,775			325	3,450	4			1	527
19	Tobacco, cigars and cigarettes	7	5,375	1,000	200	675	3,500	6			7	3,793
20	Watch, clock, and jewelry repairing	5	5,845			2,300	3,545	6			3	1,536
21	Woolen goods	3	832,948		106,938	172,460	553,550		14	27,389	486	167,580
22	All other industries[1]	38	18,341,080	495,665	1,930,071	7,584,244	8,331,100	27	349	510,335	4,599	1,645,953

[1] Embraces belting and hose, rubber, 1; blacking, 1; bookbinding and blank book making, 1; carriages and wagons, 1; chemicals, 2; clothing, women's, dressmaking, 2; confectionery, 2; cotton goods, 1; electrical apparatus and supplies, 1; engraving and diesinking, 1; flouring and grist mill products, 1; food preparations, 1; gas, illuminating and heating, 1; instruments, professional and scientific, 1; liquors, vinous, 1; lock and gun smithing, 1; lumber, planing mill products, including sash, doors, and blinds, 1; mantels, slate, marble, and marbleized, 2: marble and stone work, 1; mattresses and spring beds, 1; millinery and

PATERSON.

1	All industries	995	$43,510,481	$2,777,382	$6,019,607	$11,519,306	$23,194,186	1,074	1,242	$1,617,999	30,190	$12,812,538
2	Bicycle and tricycle repairing	14	26,489	4,400	3,000	4,615	14,474	15			7	4,096
3	Blacksmithing and wheelwrighting	40	96,855	38,950	25,800	12,730	19,375	44			52	34,791
4	Boots and shoes, custom work and repairing.	75	29,263	8,200	7,390	5,250	8,423	79			24	10,516
5	Bottling	7	26,681	1,900	3,650	2,931	18,200	8	2	1,650	13	5,402
6	Boxes, fancy and paper	5	31,900	1,500	3,500	12,400	14,500	6	1	780	49	19,932
7	Bread and other bakery products	80	242,742	70,930	108,950	22,415	40,447	86			138	74,727
8	Card cutting and designing	14	56,000	600	500	32,075	22,825	17			78	38,117
9	Carpentering	40	290,720	64,300	30,900	33,765	161,755	43	16	18,978	552	371,276
10	Carriages and wagons	9	134,050	48,900	33,700	11,150	40,300	9	6	2,635	92	44,454
11	Clothing, men's, custom work and repairing.	52	72,092	11,100	9,300	4,593	47,099	58	1	480	58	33,833
12	Clothing, women's, dressmaking	19	19,498	3,000	4,200	2,858	9,440	20			24	10,746
13	Confectionery	23	65,086	15,500	7,000	15,175	27,411	26	14	3,116	31	14,828
14	Dyeing and cleaning	3	1,335	200	100	770	265	3			1	150
15	Dyeing and finishing textiles	30	2,826,293	265,331	493,344	1,187,892	879,726	24	151	221,064	2,707	1,184,764
16	Foundry and machine shop products	37	6,668,425	615,007	1,562,025	1,810,455	2,680,938	31	169	234,295	3,854	1,844,745
17	Fur hats	3	10,800			5,800	5,000	3			7	3,404
18	Furniture, cabinetmaking, repairing, and upholstering.	14	23,843	2,800	6,500	2,738	11,805	17	1	50	30	16,060
19	Ironwork, architectural and ornamental.	5	30,275	7,100	5,200	10,875	7,100	8			26	13,148
20	Liquors, malt	6	5,685,849	100,000	558,595	1,038,742	3,988,512		35	76,486	245	167,575
21	Lock and gun smithing	7	6,205	1,400	1,500	2,620	685	7			1	453
22	Looking-glass and picture frames	4	2,960			510	2,450	4			3	1,292
23	Lumber, planing mill products, including sash, doors, and blinds.	3	110,564	16,500	17,093	14,457	62,514	2	6	4,262	25	11,414
24	Masonry, brick and stone	15	96,560	27,900	8,725	7,630	52,305	16	3	2,780	178	117,712
25	Millinery, custom work	22	38,131	800	1,400	2,090	33,841	28	3	666	71	19,515
26	Mineral and soda waters	13	103,400	14,700	14,100	51,200	23,400	13	2	1,000	46	22,720
27	Monuments and tombstones	3	7,950	1,300	700	250	5,700	3			2	1,580
28	Painting, house, sign, etc	45	96,091	10,800	18,950	12,036	54,305	52	8	6,132	223	142,096
29	Paving and paving materials	6	93,450	3,700	3,250	33,350	53,150	7	15	11,820	222	110,199
30	Photography	15	23,100		330	12,900	9,870	16	1	364	14	6,460
31	Plumbing, and gas and steam fitting	45	188,994	19,000	28,650	23,974	117,370	49	8	6,460	247	134,669
32	Printing and publishing, book and job	12	45,796	7,350	4,050	26,535	7,861	13			29	11,756
33	Printing and publishing, newspapers and periodicals.	10	386,556	70,450	81,300	145,590	89,216	2	29	35,527	151	96,089
34	Saddlery and harness	12	46,185	7,700	5,800	2,100	30,585	12	1	400	50	21,794
35	Shirts	3	533,100	55,000	120,000	50,100	308,000	8	17	16,118	962	398,139
36	Silk and silk goods	136	19,025,564	535,243	1,832,245	5,086,863	11,571,213	159	602	735,563	15,943	6,291,998
37	Slaughtering and meat packing, wholesale.	3	399,800	54,300	91,500	75,500	178,500	4	11	15,464	75	41,562
38	Soap and candles	3	15,255			5,175	10,080	3	3	2,920	5	4,057
39	Tinsmithing, coppersmithing, and sheet-iron working.	15	86,656	12,000	13,950	7,599	53,107	15	8	3,744	54	36,701
40	Tobacco, cigars and cigarettes	28	86,980	21,050	21,050	2,165	42,715	28	4	1,584	71	38,066
41	Watch, clock, and jewelry repairing	27	17,212	2,800	2,250	4,660	7,502	31			19	11,762
42	Wood, turned and carved	8	65,174	11,250	17,800	14,944	21,180	11			54	22,700
43	All other industries[1]	84	5,696,602	644,421	871,310	1,719,829	2,461,042	94	130	213,661	3,757	1,377,240

[1] Embraces awnings, tents, and sails, 1; baking and yeast powders, 1; baskets, and rattan and willow ware, 1; belting and hose, leather, 2; bookbinding and blank book making, 1; boot and shoe cut stock, 1; boot and shoe uppers, 1; brass castings and brass finishing, 2; brassware, 2; brooms and brushes, 2; carpets and rugs, other than rag, 1; carpets, rag, 1; chemicals, 1; clothing, men's, factory product, 2; clothing, women's, factory product, 1; coffee and spice, roasting and grinding, 2; cotton goods, 2; cotton small wares, 1; dye stuffs and extracts, 1; electrical construction and repairs, 2; electroplating, 1; engraving and diesinking, 1; fancy articles, not elsewhere specified, 1; files, 1; flouring and grist mill products, 1; fur goods, 1; furnishing goods, men's, 2; furniture, factory product, 1; gas and lamp fixtures, 1; glass, cutting, staining, and ornamenting, 1; glue, 1; hairwork, 2; hand stamps, 1; ice, manufactured, 1; iron and steel, 1; jute and jute

BY SPECIFIED INDUSTRIES: 1900—Continued.

PASSAIC—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
74	$20,909	14	$3,967	2	$520	$8,913	$912	$583	$6,418	$1,000	$15,992	$14,025	$1,967	$71,982	17
1	527					633	605	3	25		3,268	3,213	55	7,275	18
7	3,793					2,458	743	10	1,705		7,247	7,187	60	17,577	19
3	1,536					1,097	592		505		1,375	1,300	75	8,340	20
373	134,944	98	30,117	15	2,519	40,360	16,380	3,656	20,324		388,321	380,330	7,991	737,363	21
2,566	1,154,537	1,859	462,838	174	28,578	833,994	7,503	43,269	750,697	32,525	5,900,488	5,766,335	134,153	9,609,308	22

lace goods, 1; monuments and tombstones, 2; paper goods, not elsewhere specified, 1; printing and publishing, book and job, 1; roofing and roofing materials, 1; rubber and elastic goods, 1; silk and silk goods, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 1; tinsmithing, coppersmithing, and sheet-iron working, 1; wood, turned and carved, 1; worsted goods, 2.

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19,242	$9,561,443	9,502	$3,015,922	1,446	$235,173	$5,059,521	$396,912	$203,516	$2,230,994	$2,228,099	$26,882,183	$26,199,597	$682,586	$52,287,975	1
7	4,096					3,229	2,719	101	409		15,656	15,267	389	32,154	2
52	34,791					4,157	2,667	775	615	100	26,064	24,201	1,863	104,965	3
23	10,386			1	130	7,196	6,615	188	393		26,038	25,322	716	79,986	4
13	5,402					1,665	256	112	1,297		33,188	32,736	452	50,442	5
18	9,507	29	9,957	2	468	4,049	1,460	139	2,450		39,719	39,044	675	78,005	6
131	72,580	4	1,521	3	626	16,762	10,167	1,799	4,796		294,160	285,529	8,631	520,449	7
55	33,751	7	1,800	16	2,566	6,788	4,246	204	2,338		42,989	41,964	1,025	114,532	8
550	370,376	2	900			40,875	855	2,173	7,147	30,700	790,750	788,320	2,430	1,395,965	9
90	44,154			2	300	6,925	915	1,633	3,255	1,122	42,944	41,051	1,893	133,395	10
55	32,999	2	684	1	150	25,982	13,988	458	1,678	9,858	78,939	77,527	1,412	196,763	11
17	8,771	6	1,850	1	125	3,691	3,288	103	300		13,830	13,473	357	40,501	12
25	13,740	5	1,028	1	60	14,739	11,788	532	2,419		70,759	68,418	2,341	154,620	13
1	150					167	112	3	52		975	730	245	3,150	14
2,569	1,153,162	65	18,373	73	13,229	154,673	25,955	13,069	115,649		1,808,606	1,699,065	109,541	3,836,409	15
3,588	1,783,094	175	44,028	91	17,623	265,856	19,842	34,510	157,607	53,897	3,101,886	2,983,366	118,520	5,906,517	16
5	2,604	2	800			3,636	2,196	10	230	1,200	17,094	16,764	330	29,000	17
27	14,956	3	1,104			2,918	1,794	292	532	300	37,504	37,150	354	73,312	18
25	12,948			1	200	1,050	108	151	791		24,669	23,688	981	49,252	19
241	166,775			4	800	1,007,659		11,707	995,952		282,120	256,105	26,015	1,859,537	20
1	453					1,198	952	81	165		1,962	1,728	234	8,265	21
3	1,292					774	680	9	85		3,030	2,974	56	8,310	22
25	11,414					2,565	100	612	1,853		71,569	70,240	1,329	101,429	23
178	117,712					11,586	84	736	7,191	3,575	163,516	163,161	355	332,880	24
		71	19,515			10,389	8,858	306	1,225		53,922	53,354	568	118,232	25
39	21,020			7	1,700	3,673	1,470	517	1,686		41,919	40,754	1,165	111,134	26
2	1,580					172	42	80	50		2,232	2,200	32	6,450	27
223	142,096					9,606	7,421	663	1,472	50	99,995	99,654	341	332,291	28
222	110,199					84,397	562	220	21,215	62,400	138,760	135,800	2,960	371,592	29
11	5,640	3	820			7,001	6,196	91	714		16,664	16,410	254	55,090	30
242	133,994			5	675	13,301	6,934	702	3,015	2,650	253,660	251,949	1,711	487,517	31
25	10,669	3	962	1	125	6,821	2,486	182	1,153	3,000	11,147	10,055	1,092	43,465	32
92	77,498	49	17,637	10	954	20,315	2,415	2,481	14,814	605	52,203	48,613	3,590	252,225	33
46	20,494	4	1,300			3,725	2,567	350	808		31,311	30,811	500	79,884	34
252	162,446	681	229,312	29	6,381	19,520	500	3,920	10,600	4,500	432,981	425,544	7,437	942,000	35
7,668	3,732,942	7,443	2,415,004	832	144,052	2,946,066	215,478	79,268	601,988	2,049,332	14,105,821	13,944,257	161,564	26,006,156	36
75	41,562					30,965		1,500	29,465		1,042,952	1,037,242	5,710	1,370,486	37
5	4,057					1,577	408	35	1,134		59,230	58,705	525	70,419	38
54	36,701					7,177	1,254	499	4,224	1,200	83,803	83,192	611	163,394	39
63	36,532			8	1,534	16,956	3,610	535	12,811		65,588	65,075	513	146,086	40
18	11,462	1	300			3,922	2,299	121	302	1,200	6,897	6,744	153	46,595	41
54	22,700					2,406	298	474	1,634		18,132	16,653	1,479	57,252	42
2,452	1,084,738	947	249,027	358	43,475	283,392	23,327	42,175	215,480	2,410	3,376,999	3,164,762	212,237	6,517,869	43

goods, 2; leather goods, 2; linen goods, 2; lumber and timber products, 1; mantels, slate, marble, and marbleized, 2; marble and stone work, 2; mattresses and spring beds, 1; millinery and lace goods, 1; mirrors, 1; musical instruments, pianos and materials, 2; oil, not elsewhere specified, 1; optical goods, 2; paper goods, not elsewhere specified, 2; paper hanging, 1; patent medicines and compounds, 1; pickles, preserves, and sauces, 1; plastering and stuccowork, 1; regalia and society banners and emblems, 1; roofing and roofing materials, 2; ship and boat building, wooden, 1; steam fittings and heating apparatus, 1; surgical appliances, 1; tobacco, chewing, smoking, and snuff, 1; tools, not elsewhere specified, 1; toys and games, 1; washing machines and clothes wringers, 1; wire, 1; wirework, including wire rope and cable, 2; wool scouring, 1.

TABLE 8.—MANUFACTURES IN CITIES

TRENTON.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	570	$26,174,895	$3,402,780	$4,947,856	$4,726,605	$13,097,654	578	839	$996,482	14,457	$6,791,026
2	Bicycle and tricycle repairing	6	3,725	1,000	1,000	750	975	8			7	3,424
3	Blacksmithing and wheelwrighting	32	48,985	23,200	10,940	4,858	9,987	36			31	16,158
4	Bookbinding and blank book making	3	6,100			4,600	1,500	3	1	720	17	5,702
5	Boots and shoes, custom work and repairing.	61	14,925	2,100	3,500	6,085	3,240	61			22	8,159
6	Bottling	7	78,110	13,000	24,000	22,310	18,800	6	7	4,120	51	27,996
7	Boxes, wooden packing	6	13,791	3,800	1,300	2,920	5,771	6			28	11,115
8	Bread and other bakery products	45	266,184	54,150	113,820	46,190	52,024	50	21	13,260	229	99,739
9	Brick and tile	6	271,969	119,754	44,200	25,350	82,665	8	1	624	220	85,585
10	Carpentering	14	73,450	12,650	25,050	9,050	26,700	14			109	66,952
11	Carriages and wagons	9	101,529	10,000	30,000	10,289	51,240	8	7	6,580	106	54,470
12	China decorating	4	79,835	2,500	22,958	3,150	51,227	5	8	10,838	80	24,712
13	Clothing, men's, custom work and repairing.	22	91,600	10,600	12,500	2,575	65,925	26	8	5,222	105	44,989
14	Clothing, women's, dressmaking	19	3,730			2,730	1,000	19			83	16,200
15	Clothing, women's, factory product	3	14,860	2,000	5,000	4,800	3,060	4	1	280	49	13,040
16	Confectionery	11	74,826	9,200	16,800	17,845	30,981	10	31	10,656	52	19,319
17	Cooperage	4	6,125	750	2,600	1,175	1,600	5			14	4,075
18	Dyeing and cleaning	4	2,045			1,660	385	4			7	3,148
19	Flouring and grist mill products	5	193,000	39,000	63,500	49,000	41,500	3	9	5,023	21	10,820
20	Foundry and machine shop products	17	620,757	71,000	139,412	191,792	218,553	13	40	56,937	634	281,732
21	Furniture, cabinetmaking, repairing, and upholstering.	5	3,345	300	300	1,565	1,180	6			7	4,211
22	Furniture, factory product	4	94,649	11,630	17,592	16,848	48,579	1	16	13,377	95	40,983
23	Iron and steel	3	7,669,989	302,598	460,000	993,340	5,914,051		129	158,531	3,679	1,507,876
24	Kaolin and other earth grinding	3	162,500	43,500	33,000	32,000	54,000		17	17,123	74	34,380
25	Lamps and reflectors	3	563,471	95,707	95,578	98,297	273,889	3	35	53,108	253	101,046
26	Liquors, malt	3	455,540	47,500	197,040	111,000	100,000		18	25,348	53	33,199
27	Looking-glass and picture frames	5	5,950		300	575	5,075	6	2	800	5	3,000
28	Lumber, planing mill products, including sash, doors, and blinds.	3	97,800	13,000	16,000	15,000	53,800	4	5	5,360	80	60,932
29	Masonry, brick and stone	6	74,220	14,600	3,700	11,620	44,300	7	7	5,300	159	156,000
30	Millinery, custom work	11	32,522	1,000	3,000	435	28,087	13	2	2,410	38	11,714
31	Mineral and soda waters	3	15,200	1,000	2,000	8,900	3,300	3	5	3,100	9	4,300
32	Monuments and tombstones	4	18,275	1,200	1,000	575	15,500	3			10	7,216
33	Optical goods	3	5,980			1,230	4,750	4	4	3,400	1	215
34	Painting, house, sign, etc	25	14,535	2,900	1,400	5,225	5,010	28			64	39,389
35	Paper hanging	14	57,675	14,000	11,000	1,425	31,250	15			50	28,140
36	Patent medicines and compounds	3	22,793			1,100	21,693	4			1	400
37	Photography	11	22,645	3,000	6,150	9,550	3,945	12	1	700	15	7,178
38	Plumbing, and gas and steam fitting	11	28,700	1,000	2,000	3,550	22,150	13	5	2,896	80	45,600
39	Pottery, terra cotta, and fire-clay products.	29	7,096,775	1,216,402	2,232,483	1,480,067	2,167,823	34	198	260,011	4,289	2,343,754
40	Printing and publishing, book and job	10	155,838	53,600	28,400	61,900	11,938	11	6	4,016	75	38,401
41	Printing and publishing, newspapers and periodicals.	7	314,150	76,000	57,500	147,500	33,150	7	29	21,344	126	95,354
42	Roofing and roofing materials	11	66,885	14,600	22,488	8,436	21,361	13	4	2,611	56	34,891
43	Rubber and elastic goods	6	1,224,908	50,000	152,425	302,151	720,332		54	90,001	530	228,192
44	Saddlery and harness	7	21,171	3,000	5,000	310	12,861	7			11	5,887
45	Tinsmithing, coppersmithing, and sheet-iron working.	4	2,475			1,600	875	4			6	3,014
46	Tobacco, cigars and cigarettes	20	28,510	1,600	6,900	2,085	17,925	20	1	240	42	21,881
47	Watch, clock, and jewelry repairing	19	5,450			2,400	3,050	18			15	7,942
48	All other industries[1]	59	5,947,398	1,059,939	1,076,020	1,000,792	2,810,647	53	161	212,546	2,769	1,125,596

[1] Embraces agricultural implements, 1; awnings, tents, and sails, 1; belting and hose, leather, 1; belting and hose, rubber, 1; bicycles and tricycles, 1; boots and shoes, factory product, 1; boxes, cigar, 1; boxes, fancy and paper, 1; brass castings and brass finishing, 1; brooms and brushes, 1; carpets, rag, 1; carriage and wagon materials, 2; chemicals, 1; clothing, men's, factory product, 1; coffee and spice, roasting and grinding, 2; electrical apparatus and supplies, 1; emery wheels, 1; fertilizers, 2; food preparations, 2; gas, illuminating and heating, 1; grease and tallow, 1; hand knit goods, 1; hand stamps, 2; hardware, 1; ice, manufactured, 1; iron and steel, forgings, 2; ironwork, architectural and ornamental, 1; lock and gun smithing, 2; marble and stone work, 1; mattresses and

WEST HOBOKEN.

1	All industries	177	$4,042,378	$145,550	$601,275	$671,015	$2,624,533	191	173	$152,147	3,028	$1,248,244
2	Awnings, tents, and sails	3	475		50	250	175	4			1	210
3	Bicycle and tricycle repairing	4	5,900			1,350	4,550	4			3	1,118
4	Blacksmithing and wheelwrighting	4	8,000	2,500	4,450	600	450	4			4	1,852
5	Boots and shoes, custom work and repairing.	19	25,425	3,200	6,800	1,820	13,605	19			4	2,048
6	Bread and other bakery products	20	73,428	12,750	43,300	9,470	7,908	20	3	1,560	50	23,813
7	Carpentering	18	99,905	26,500	53,500	6,325	13,580	20			96	85,145
8	Carriages and wagons	3	11,620	3,700	3,500	1,750	2,670	3			8	3,570
9	Clothing, men's, custom work and repairing.	8	6,364	900	1,100	770	3,594	8			7	2,555
10	Masonry, brick and stone	6	39,650	10,200	16,900	4,125	8,425	8			76	45,099
11	Millinery and lace goods	8	19,650	3,900	8,000	4,650	3,100	3			23	10,707

BY SPECIFIED INDUSTRIES: 1900—Continued.

TRENTON.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
11,641	$6,090,836	2,484	$638,600	332	$61,590	$2,057,474	$97,659	$107,882	$1,774,730	$77,203	$18,057,504	$17,366,069	$691,435	$31,645,695	1
7	3,424					1,159	740	59	360		2,795	2,795		10,500	2
31	16,158					3,074	2,331	396	347		39,692	38,579	1,113	78,625	3
7	3,120	8	2,307	2	275	1,082	996	56	30		4,567	4,445	122	18,000	4
19	7,834			8	325	5,761	5,460	106	195		20,680	20,605	75	56,455	5
51	27,996					25,347	1,210	377	23,760		86,822	86,374	448	181,771	6
28	11,115					510	206	105	199		10,574	10,129	445	26,198	7
203	94,718	7	1,480	19	3,541	21,934	9,238	2,609	10,087		285,413	275,077	10,336	549,586	8
211	84,199			9	1,386	6,361	966	1,185	4,210		21,967	11,579	10,388	143,068	9
109	66,952					32,010	571	534	905	30,000	114,152	113,390	762	268,614	10
106	54,470					5,921	2,338	1,845	1,738		56,850	55,664	1,186	152,247	11
22	12,083	46	10,975	12	1,654	6,578	156	333	6,089		58,890	58,204	686	114,984	12
72	36,352	31	8,356	2	281	17,956	6,798	1,287	4,967	4,904	71,089	70,497	592	175,173	13
2	1,000	81	15,200			2,670	2,670				16,477	16,165	312	49,500	14
2	960	47	12,080			830	500	130	200		29,230	28,745	485	48,000	15
30	15,352	22	3,967			7,868	4,725	407	2,736		69,629	68,099	1,530	145,330	16
14	4,075					365	150	40	175		5,250	5,250		20,425	17
5	2,790	1	150	1	208	1,232	1,160	17	55		1,379	1,299	80	10,100	18
21	10,820					4,547	1,000	898	2,649		292,654	291,444	1,210	353,113	19
609	276,663	19	4,000	6	1,069	16,041	1,756	2,506	11,313	466	419,012	390,664	28,348	894,239	20
7	4,211					571	540	14	17		1,920	1,868	52	10,800	21
92	39,933	3	1,050			11,798	1,740	655	9,403		48,427	47,446	981	129,323	22
3,450	1,452,058	175	48,734	54	7,084	794,308		18,188	776,120		9,950,687	9,737,791	212,896	13,260,787	23
74	34,380					7,739		2,149	5,590		133,099	119,890	13,209	199,577	24
149	75,916	104	28,130			96,188	500	1,050	94,638		190,135	184,622	5,513	505,509	25
53	33,199					164,398		4,394	160,004		82,578	73,713	8,865	385,307	26
4	2,800			1	200	1,069	984	56	29		6,929	6,919	10	17,174	27
80	60,932					2,018	240	498	1,280		87,975	87,220	755	174,200	28
159	156,000					6,830		675	1,155	5,000	104,569	103,669	900	400,800	29
		37	11,589	1	125	7,253	3,827	329	2,972	125	40,772	40,372	400	101,331	30
9	4,300					4,482	170	207	4,105		15,133	14,898	235	33,260	31
10	7,216					897	624	68	205		30,225	30,200	25	44,736	32
1	215					1,805	1,100	30	675		5,490	5,390	100	14,500	33
64	39,389					2,092	1,428	182	482		18,865	18,815	50	90,750	34
49	27,790	1	350			2,796	1,962	414	420		25,670	25,575	95	74,425	35
1	400					449	132		317		510	509	1	3,320	36
10	5,718	5	1,460			4,677	2,316	133	1,228	1,000	5,638	5,411	227	32,720	37
80	45,600					3,788	2,664	404	720		57,640	57,191	449	157,047	38
3,284	2,054,930	887	264,628	118	24,196	385,759	6,800	28,469	344,707	5,783	1,196,291	909,183	287,108	4,785,142	39
63	36,072	10	2,000	2	329	7,127	2,834	898	3,395		31,422	29,047	2,375	109,744	40
117	93,196	6	1,800	8	358	12,517	1,158	1,377	9,982		57,008	52,498	4,510	254,116	41
56	34,891					5,576	1,167	321	4,088		66,652	66,176	476	126,900	42
488	217,713	14	4,176	23	6,303	45,705	1,000	6,110	38,595		956,900	925,421	31,479	1,689,893	43
10	5,737			1	150	2,018	1,490	43	485		12,052	11,971	81	29,130	44
6	3,014					742	618	34	90		5,078	5,038	40	10,840	45
34	19,820	2	1,000	6	1,061	12,826	2,173	207	10,446		27,272	27,227	45	72,407	46
15	7,942					4,966	4,916	25	25		5,357	5,357		31,670	47
1,727	897,383	978	215,168	64	13,045	305,834	14,305	28,062	233,542	29,925	3,286,088	3,223,648	62,440	5,604,359	48

spring beds, 2; models and patterns, 2; musical instruments and materials, not specified, 1; musical instruments, pianos and materials, 1; oilcloth, floor, 1; pickles, preserves, and sauces, 1; refrigerators, 1; saws, 1; sewing machine repairing, 1; ship and boat building, wooden, 1; shirts, 1; slaughtering and meat packing, wholesale, 2; surgical appliances, 1; umbrellas and canes, 1; watches, 1; wirework, including wire rope and cable, 1; wood, turned and carved, 1; woolen goods, 2; worsted goods, 1.

WEST HOBOKEN.

1,479	$719,846	1,475	$512,283	74	$16,115	$677,713	$22,126	$9,321	$165,272	$480,994	$2,829,789	$2,798,505	$31,284	$5,491,760	1
		1	210			298	278	6	14		2,120	2,110	10	4,518	2
3	1,118					886	720		166		6,068	5,911	157	11,322	3
4	1,852					347	25	68	254		3,144	2,997	147	8,460	4
4	2,048					2,304	1,885	82	337		6,702	6,182	520	16,332	5
49	23,609			1	204	12,252	3,786	758	7,708		97,505	93,182	4,323	170,934	6
96	85,145					77,257	612	731	4,435	71,479	113,227	112,921	306	319,088	7
8	3,570					352	144	60	148		4,709	4,576	133	11,743	8
6	2,305	1	250			1,763	1,448	30	285		12,640	12,228	412	21,162	9
76	45,099					8,278	120	385	3,643	4,130	66,629	66,575	54	132,021	10
6	5,100	14	4,982	3	625	1,846	276	128	742	700	6,595	6,342	253	25,209	11

TABLE 8.—MANUFACTURES IN CITIES

WEST HOBOKEN—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES AND TOWNS.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
12	Millinery, custom work	4	$4,246			$750	$3,496	5			6	$1,065
13	Painting, house, sign, etc	18	50,135	$9,800	$23,500	4,655	12,180	22			47	25,822
14	Plumbing, and gas and steam fitting	9	31,130	6,200	9,300	4,670	10,960	9	1	$520	31	14,968
15	Printing and publishing, book and job	3	4,415			3,100	1,315	3			2	1,710
16	Saddlery and harness	4	11,170	2,000	4,800	435	3,935	4				
17	Silk and silk goods	5	3,327,900	27,500	348,000	534,700	2,417,700	5	155	136,677	2,306	880,171
18	Tobacco, cigars and cigarettes	9	22,780	5,100	5,950	1,655	10,075	9			12	7,355
19	All other industries[1]	37	300,180	31,300	72,125	89,940	106,815	41	14	13,390	352	141,036

[1] Embraces artificial feathers and flowers, 2; brooms and brushes, 1; buttons, 1; carpets, rag, 1; chemicals, 1; clothing, women's, dressmaking, 1; cotton small wares, 1; dyeing and finishing textiles, 1; electrical construction and repairs, 1; engraving and diesinking, 1; fancy articles, not elsewhere specified, 1; foundry and machine shop products, 1; fruits and vegetables, canning and preserving, 1; furniture, cabinetmaking, repairing, and upholstering, 1; glass, cutting, staining, and ornamenting, 1; gloves and mittens, 2; ironwork, architectural and ornamental, 1; lock and gun smithing, 1; lumber and timber products, 1; lumber, planing mill

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and towns	2,380	$53,968,663	$4,067,098	$10,572,299	$12,228,586	$27,100,680	2,514	1,980	$2,355,055	34,319	$15,267,218
2	Bloomfield	150	3,354,149	180,370	396,495	696,441	2,080,843	162	148	224,014	1,840	899,298
3	Boonton	39	575,470	13,830	68,375	174,460	318,805	42	32	30,418	574	218,613
4	Bordentown	35	590,439	35,540	81,075	95,713	378,111	36	12	9,615	469	123,632
5	Boundbrook	47	716,323	17,303	95,203	272,935	330,882	44	24	34,794	523	190,005
6	Bridgeton	135	2,357,651	249,336	343,000	452,077	1,313,238	154	119	109,344	2,333	836,188
7	Burlington	88	1,471,543	101,900	226,958	446,254	696,431	96	105	142,106	1,461	640,453
8	Dover	56	951,695	98,825	224,956	292,920	334,994	56	61	45,389	1,367	657,548
9	Gloucester City	74	3,038,922	123,350	187,840	622,531	2,105,201	75	72	218,294	1,555	535.923
10	Guttenberg	43	302,807	39,400	101,900	80,100	81,407	43	8	7,244	125	85,670
11	Harrison	79	5,210,605	662,100	839,246	1,607,081	2,102,178	72	207	237,807	2,983	1,463,265
12	Irvington	60	365,503	35,875	99,600	68,496	161,532	67	15	16,145	331	139,485
13	Kearney	33	2,097,861	135,736	483,246	482,384	996,495	82	83	47,520	1,102	417,985
14	Lambertville	70	1,763,221	96,010	234,233	304,776	1,128,202	69	72	76,407	913	367,959
15	Millville	47	3,229,206	194,250	839,873	423,993	1,771,090	50	154	161,398	2,290	1,115,696
16	Montclair	197	1,037,352	164,400	215,000	228,151	429,801	207	30	29,550	1,092	619,079
17	Mt. Holly	61	460,559	40,350	95,159	146,171	178,879	67	28	21,180	493	167,178
18	North Plainfield	33	142,524	13,250	32,700	22,889	73,685	35	7	6,024	147	77,704
19	Perth Amboy	129	6,637,765	592,663	1,872,765	1,422,334	2,750,004	127	161	186,396	2,258	1,053,242
20	Phillipsburg	87	3,411,239	121,216	597,949	590,592	2,101,482	92	77	106,413	2,560	1,000,331
21	Plainfield	135	2,683,449	170,600	537,945	744,212	1,230,692	143	139	150,985	1,751	970,018
22	Rahway	100	915,208	58,000	182,435	189,547	485,226	111	42	36,184	778	407,490
23	Raritan	27	659,471	86,300	185,800	151,077	236,294	27	11	17,400	1,010	299,970
24	Salem	75	722,434	61,627	148,705	133,004	379,098	82	36	24,477	933	316,303
25	Somerville	88	1,160,976	74,700	163,100	296,885	626,291	97	58	64,353	402	235,050
26	South Amboy	44	282,770	15,100	161,525	40,405	65,740	47	13	10,485	238	113,344
27	South Orange	45	108,664	20,500	21,375	18,085	48,704	53	3	2,720	157	88,740
28	Union	159	5,618,279	309,886	1,326,194	954,236	3,027,963	168	92	164,086	1,662	841,247
29	Vineland	58	840,305	42,300	159,270	185,984	452,751	68	45	28,456	837	369,976
30	Washington	41	759,518	21,125	108,900	112,005	517,488	43	57	35,422	650	258,050
31	West Orange	64	1,373,039	167,593	345,866	489,423	370,157	70	74	68,804	1,034	499,319
32	Woodbury	81	1,129,715	123,663	195,611	483,425	327,016	79	45	41,625	451	258 457

BY SPECIFIED INDUSTRIES: 1900—Continued.

WEST HOBOKEN—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
		4	$841	2	$224	$1,362	$1,090		$272		$3,346	$3,194	$152	$9,056	12
47	$25,822					5,629	1,894	$396	3,139	$200	17,260	17,123	137	68,522	13
31	14,968					3,960	1,028	185	2,687	60	43,098	42,576	522	73,551	14
2	1,710					935	728	3	204		1,909	1,854	55	7,534	15
						966	600	64	302		10,459	10,376	83	15,407	16
939	394,330	1,316	473,361	51	12,480	527,884	3,910	4,830	116,637	402,507	2,136,699	2,117,267	19,432	3,961,054	17
12	7,355					4,536	768	65	3,703		10,658	10,355	303	28,898	18
196	105,815	139	32,639	17	2,582	26,858	2,814	1,530	20,596	1,918	287,021	282,736	4,285	606,949	19

products, including sash, doors, and blinds, 1; marble and stone work, 1; mineral and soda waters, 1; models and patterns, 1; paper hanging, 1; photography, 1; plastering and stuccowork, 1; printing and publishing, newspapers and periodicals, 2; roofing and roofing materials, 1; tinsmithing, coppersmithing, and sheet-iron working, 2; toys and games, 1; watch, clock, and jewelry repairing, 2; wood, turned and carved, 1.

TOWNS UNDER 20,000 IN POPULATION: 1900.

25,640	$13,166,561	7,140	$1,866,185	1,539	$234,522	$4,763,935	$307,958	$217,147	$3,461,176	$777,654	$40,314,662	$38,990,370	$1,324,292	$72,522,334	1
1,401	768,578	372	119,341	67	11,379	256,025	14,176	12,469	192,001	37,379	1,895,655	1,854,220	41,435	3,860,796	2
456	189,943	117	28,598	1	72	48,295	13,726	2,269	32,300		1,009,005	993,313	15,692	1,458,942	3
96	44,980	280	64,058	93	14,594	35,555	1,831	1,795	31,877	52	405,675	400,253	5,422	663,706	4
421	164,317	83	23,001	19	2,687	69,737	5,936	3,037	51,099	9,665	352,133	335,215	16,918	742,374	5
1,775	734,680	441	83,813	117	17,695	99,557	12,294	9,455	66,316	11,492	1,216,192	1,091,457	124,735	2,649,919	6
1,043	520,272	403	117,698	15	2,483	101,573	7,377	6,824	63,332	24,040	1,788,443	1,751,638	36,805	2,905,991	7
1,177	621,693	150	30,360	40	5,495	44,383	11,757	4,893	27,563	170	710,248	680,535	29,713	1,804,850	8
637	314,680	674	181,628	244	39,620	285,658	12,804	8,870	262,775	1,209	1,260,002	1,208,512	51,490	2,922,242	9
120	84,450	4	1,004	1	216	62,093	2,886	982	57,595	630	116,433	110,769	5,664	344,531	10
1,975	1,178,978	911	270,156	97	14,131	385,948	25,822	19,620	324,506	16,000	3,297,663	3,218,506	79,157	6,331,783	11
290	130,664	40	8,662	1	159	67,301	5,307	1,028	12,294	48,672	1,138,248	1,125,779	12,469	1,773,558	12
607	294,750	333	99,900	162	23,335	127,612	2,943	18,299	93,670	12,700	1,081,948	1,061,848	20,100	1,845,587	13
808	342,471	99	24,807	6	681	130,697	6,638	4,415	108,314	11,330	1,383,515	1,356,980	26,535	2,264,223	14
1,569	957,417	433	113,927	288	44,352	177,308	3,452	17,776	154,874	1,206	964,554	815,331	149,223	2,610,332	15
1,029	601,336	62	17,643	1	100	93,462	22,506	7,229	55,377	8,350	1,140,753	1,128,774	11,979	2,246,817	16
286	117,007	185	47,474	22	2,697	34,014	6,968	2,070	15,611	9,365	388,130	382,779	5,351	699,188	17
142	76,504	2	900	3	300	20,829	6,719	613	4,497	9,000	148,399	143,814	4,585	312,816	18
2,182	1,037,634	52	11,998	24	3,610	435,883	21,280	13,983	269,611	131,009	11,631,704	11,428,095	203,609	14,730,928	19
1,938	817,260	611	181,716	11	1,355	244,560	6,302	15,856	111,501	110,901	2,906,360	2,653,641	252,719	4,952,277	20
1,592	931,889	154	36,949	5	1,180	283,886	27,601	12,305	188,921	55,059	1,144,724	1,119,573	25,151	3,229,969	21
621	379,661	156	27,629	1	200	69,085	10,384	4,868	53,773	60	502,048	480,396	21,652	1,149,247	22
580	209,542	314	74,498	116	15,930	268,974	1,258	6,288	259,228	2,200	442,409	422,256	20,153	1,088,280	23
580	260,328	246	40,917	107	15,058	34,042	6,015	4,448	23,579		550,093	514,589	35,504	1,155,099	24
353	202,152	40	31,562	9	1,336	100,710	17,955	4,352	39,603	38,800	797,606	779,534	18,072	1,354,373	25
226	110,934	3	754	9	1,656	11,326	2,761	1,267	3,269	4,029	147,865	140,952	6,913	322,457	26
137	83,908	20	4,832			12,841	3,486	510	5,735	3,110	165,912	164,674	1,238	327,552	27
1,067	710,287	587	129,811	8	1,149	899,514	32,921	17,721	650,634	198,238	1,650,490	1,618,164	32,326	3,986,381	28
629	313,513	191	53,301	17	3,162	34,532	4,562	3,182	24,333	2,455	775,360	761,035	4,325	1,450,072	29
538	241,492	102	15,137	10	1,421	145,327	3,716	2,683	129,307	9,621	446,259	438,507	7,752	999,262	30
967	478,272	66	20,859	1	188	67,788	2,882	4,962	48,569	11,375	478,645	455,201	23,444	1,350,170	31
398	246,969	9	3,207	44	8,281	115,420	3,693	3,078	99,112	9,537	378,191	354,030	24,161	988,612	32

NEW MEXICO.

The territory of New Mexico was organized in 1850, and then included Arizona and parts of Nevada and Colorado; in 1860 it included Arizona and part of Colorado. Table 1 shows the manufacturing and mechanical industries of the territory of New Mexico, as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	420	127	144	182	82	23	230.7	[1] 11.8	[1] 20.9	122.0	256.5
Capital	$2,698,786	$965,938	$463,275	$1,450,695	$2,008,350	$68,300	179.4	108.5	[1] 68.1	[1] 27.8	2,840.5
Salaried officials, clerks, etc., number	95	[2] 95	(3)	(3)	(3)	(3)					
Salaries	$95,792	[2] $62,366	(3)	(3)	(3)	(3)	53.6				
Wage-earners, average number	2,600	849	557	427	1,074	81	206.2	52.4	30.4	[1] 60.2	1,225.9
Total wages	$1,350,586	$470,361	$218,731	$167,281	$341,306	$20,772	187.1	115.0	30.8	[1] 51.0	1,543.1
Men, 16 years and over	2,499	818	553	423	1,044	81	205.5	47.9	30.7	[1] 59.5	1,188.9
Wages	$1,327,072	$461,105	(3)	(3)	(3)	$20,772	187.8				
Women, 16 years and over	72	16		1	30		350.0		[1] 100.0	[1] 96.7	
Wages	$18,369	$6,934		(3)	(3)		164.9				
Children, under 16 years	29	15	4	3			93.3	275.0	33.3		
Wages	$5,145	$2,322	(3)	(3)			121.6				
Miscellaneous expenses	$204,337	$76,638	(4)	(4)	(4)	(4)	166.6				
Cost of materials used	$2,914,138	$691,420	$871,352	$880,957	$367,892	$110,220	321.5	[1] 20.6	[1] 1.1	139.5	233.8
Value of products, including custom work and repairing	$5,605,795	$1,516,195	$1,284,846	$1,489,868	$1,249,123	$249,010	269.7	18.0	[1] 13.8	19.3	401.6

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 5.)
[3] Not reported separately.
[4] Not reported.

The figures for the earlier censuses are preserved in this table as possessing a certain historical value, but, in view of the changes which have occurred in the boundaries of the territory, they should not be used for comparative purposes until 1870, since which date there has been no change in its area.

New Mexico is a mining and stock-raising region, with agricultural pursuits ranking next in importance. The most important manufacturing industries in the territory, in the order of their importance, are the railroad repair shops, carpentering, lumber and timber products, and flour and grist mills. The totals for 1860 included 15 establishments engaged in mining and, in 1870, 7 establishments engaged in milling and smelting quartz, not included in subsequent censuses. The statistics of mining have not been included since 1860; the statistics for copper and lead, smelting and refining, which were included in the report on mining at the censuses of 1880 and 1890, are now included in the report on manufactures. The census for 1900 includes 2 smelting and refining establishments, 1 of copper and 1 of lead, which together have a product of nearly one million dollars, but, to avoid disclosing the operations of individual establishments, are not separately shown.

One notable development of the decade is the establishment of 4 wool-scouring establishments in the territory. New Mexico has a larger number of sheep than any other state or territory, and the possession of facilities for scouring the wool before it is forwarded to Eastern markets is proving of great advantage to the growers.

Table 2 divides the industries of the territory between the hand trades and the manufactures proper. This table also gives the statistics for establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	479	$2,746,276	528	2,603	$1,350,921	$206,589	$2,920,631	$1,195,715	$1,488,515	$236,401	$5,621,332
Hand trades[1]	169	252,973	190	304	182,895	64,233	612,749	50,945	541,495	20,309	1,170,444
Establishments with a product of less than $500	59	47,490	70	3	335	2,252	6,493	1,273	5,220		15,537
All other establishments	251	2,445,813	268	2,296	1,167,691	140,104	2,301,389	1,143,497	941,800	216,092	4,435,351

[1] Includes bicycle and tricycle repairing, 7; blacksmithing and wheelwrighting, 45; boots and shoes, custom work and repairing, 20; carpentering, 29; clothing, men's, custom work and repairing, 15; clothing, women's, dressmaking, 2; furniture, cabinetmaking, repairing, and upholstering, 5; masonry, brick and stone, 6; millinery, custom work, 4; painting, house, sign, etc., 8; plastering and stuccowork, 2; plumbing, and gas and steam fitting, 5; sewing machine repairing, 2; watch, clock, and jewelry repairing, 19.

Of the 479 establishments of all classes, shown in Table 2, 228, or 47.6 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $1,185,981, or only 21.1 per cent of the total products of the territory.

In addition to the 479 active establishments in the territory during the census year, with a capital of $2,746,276, shown in this table, there were 8 idle establishments, with a capital of $108,289.

Table 3 presents the totals for the manufacturing industries in Albuquerque, Santa Fe, and Socorro, and places them in comparison with the totals for the entire territory, and the territory exclusive of these cities.

TABLE 3.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Total for territory	420	$2,698,786	458	2,600	$1,350,586	$204,337	$2,914,138	$5,605,795
Total for urban manufactures	160	980,197	175	1,100	576,578	89,022	1,092,797	2,210,425
Albuquerque	102	793,644	117	926	497,268	70,476	953,597	1,879,413
Santa Fe	39	82,053	39	89	44,740	13,446	88,966	204,123
Socorro	19	104,500	19	85	34,570	5,100	50,234	126,889
Total for territory exclusive of urban manufactures	260	1,718,589	283	1,500	774,008	115,315	1,821,341	3,395,370
Per cent of urban manufactures to total for territory	38.1	36.3	38.2	42.3	42.7	43.6	37.5	39.4

Of the 420 establishments in the territory, 160, or 38.1 per cent, are located in these 3 cities. The capital reported for these establishments is $980,197, or 36.3 per cent of that for the entire territory. They furnished employment to 1,100 wage-earners, or 42.3 per cent of the total number; paid $576,578 in wages, or 42.7 per cent of the total amount; and the value of their products, $2,210,425, formed 39.4 per cent of the total for the territory. The industries most developed are those which are common as well to rural as urban localities.

Table 4 shows the totals for the territory by counties.

Table 5 shows the totals for the territory by specified industries.

Table 6 shows the totals for all industries in the cities withdrawn from the enumerators.

TABLE 4.—MANUFACTURES

	COUNTIES, MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The Territory	420	$2,698,786	$280,955	$474,503	$1,115,832	$827,496	458	95	$95,792	2,600	$1,350,586
2	Bernalillo	119	864,604	84,510	135,260	347,938	296,896	134	30	22,980	976	515,646
3	Chaves	29	105,475	5,150	23,750	56,950	19,625	34	5	5,101	129	73,029
4	Colfax	35	247,811	9,300	32,280	121,045	85,186	37	11	10,360	484	236,461
5	Donna Ana	26	137,056	16,435	43,406	39,444	37,771	27	5	2,945	91	41,151
6	Grant	33	248,631	8,725	35,125	64,520	140,261	34	10	17,385	177	104,002
7	Lincoln	5	12,900	1,300	750	4,775	6,075	6			6	2,250
8	Mora	7	32,700	2,200	4,900	15,100	10,500	8			18	7,275
9	Otero	13	23,220	900	5,080	13,235	4,005	16	2	1,500	19	10,013
10	San Juan	8	12,150	400	2,950	4,100	4,700	9			6	2,060
11	San Miguel	56	383,736	132,480	49,220	106,779	95,257	61	13	11,797	306	154,161
12	Santa Fe	41	113,619	1,890	7,200	61,116	43,413	40	8	8,795	113	56,151
13	Sierra	5	12,938	700	1,900	7,650	2,688	7			4	1,405
14	Socorro	25	193,730	11,450	60,965	78,415	42,900	25	6	9,000	237	124,835
15	Taos	7	17,974	1,090	3,230	10,800	2,854	8			6	1,950
16	Union	7	11,035	900	3,650	1,620	4,865	8			4	1,410
17	All other counties[1]	4	281,207	3,525	64,837	182,345	30,500	4	5	5,929	24	18,787

[1] Includes establishments distributed as follows: Eddy, 1; Rio Arriba, 1; Valencia, 2.

TABLE 5.—MANUFACTURES BY

1	All industries	420	$2,698,786	$280,955	$474,503	$1,115,832	$827,496	458	95	$95,792	2,600	$1,350,586
2	Bicycle and tricycle repairing	7	10,275			3,625	6,650	7	1	1,200	5	3,140
3	Blacksmithing and wheelwrighting	45	47,096	8,060	11,490	10,365	17,181	51			27	14,366
4	Boots and shoes, custom work and repairing.	20	15,910	4,675	4,030	2,150	5,055	21			13	7,130
5	Bottling	5	15,475	500	500	2,175	12,300	5			11	5,510
6	Bread and other bakery products	18	52,311	7,675	6,100	5,495	33,041	24	5	3,720	42	22,521
7	Brick and tile	10	30,395	3,550	6,100	13,165	7,580	16	4	3,900	81	33,586
8	Carpentering	29	62,726	8,550	10,400	8,345	35,431	31	1	1,000	129	81,120
9	Carriages and wagons	8	24,275	4,650	9,550	3,625	6,450	10			17	8,760
10	Cars and general shop construction and repairs by steam railroad companies.	7	386,721	5,000	113,151	227,092	41,478		19	18,784	1,061	585,401
11	Clothing, men's, custom work and repairing.	15	14,440			2,300	12,140	17	1	300	15	7,916
12	Confectionery	4	7,168			2,000	5,168	6	2	959	4	802
13	Flouring and grist mill products	35	238,735	30,715	60,450	101,890	45,680	39	2	1,500	52	27,458
14	Foundry and machine shop products	4	54,600	17,500	13,300	11,250	12,550	4			52	30,265
15	Furniture, cabinetmaking, repairing, and upholstering.	5	2,080			675	1,405	7			3	1,170
16	Ice, manufactured	4	118,450	10,650	29,000	72,000	6,800	3	2	2,400	22	15,300
17	Jewelry	4	9,890	300	200	1,850	7,540	4			8	3,017
18	Liquors, malt	3	42,500	1,700	15,000	17,800	8,000		1	800	14	8,387
19	Lumber and timber products	32	291,599	112,515	9,535	68,124	101,425	36	9	6,000	340	112,957
20	Lumber, planing mill products, including sash, doors, and blinds.	6	35,674	7,750	4,850	11,000	12,074	6			29	16,185
21	Masonry, brick and stone	6	27,330	2,850	5,000	4,180	15,300	8			59	33,451
22	Millinery, custom work	4	11,400	500	2,500	1,100	7,300	4			7	2,875
23	Mineral and soda waters	8	32,950	10,600	6,800	12,300	3,250	9	2	1,680	10	4,470
24	Painting, house, sign, etc	8	10,996	550	1,500	725	8,221	8	3	1,800	21	16,054
25	Photography	13	21,445	2,260	4,885	7,050	7,250	13	1	800	6	2,830
26	Plumbing, and gas and steam fitting	5	13,750			4,250	9,500	8			12	7,143
27	Printing and publishing, newspapers and periodicals.	35	163,472	1,650	6,850	119,541	35,431	36	17	18,790	142	75,477
28	Saddlery and harness	11	36,675	600	2,300	4,875	28,900	14			8	3,205
29	Tinsmithing, coppersmithing, and sheet-iron working.	15	34,385	150	2,650	9,300	22,285	18	1	300	35	21,690
30	Tobacco, cigars and cigarettes	4	11,800			450	11,350	6	1	400	9	5,352
31	Watch, clock, and jewelry repairing	19	26,235	500	500	6,820	18,415	21			6	3,180
32	Wool scouring	4	136,700	4,700	19,000	32,000	81,000	1	3	2,960	67	21,890
33	All other industries[1]	27	711,828	32,805	128,862	348,315	201,346	25	19	28,499	293	167,978

[1] Embraces brooms and brushes, 1; clothing, women's, dressmaking, 2; coke, 2; copper, smelting and refining, 1; fruits and vegetables, canning and preserving, 1; gas, illuminating and heating, 1; lead, smelting and refining, 1; lime and cement, 1; liquors, vinous, 1; looking-glass and picture frames, 1; marble and stone work, 2; mattresses and spring beds, 1; pickles, preserves, and sauces, 1; plastering and stuccowork, 2; pottery, terra cotta, and fire-clay products, 1;

TABLE 6.—MANUFACTURES IN CITIES

1	Total for cities	160	$980,197	$81,415	$158,185	$396,279	$344,318	175	37	$32,450	1,100	$576,578
2	Albuquerque	102	793,644	71,425	122,185	327,363	272,671	117	28	22,080	926	497,268
3	Santa Fe	39	82,053	1,690	6,900	30,316	43,147	39	7	7,970	89	44,740
4	Socorro	19	104,500	8,800	29,100	38,600	28,500	19	2	2,400	85	34,570

BY COUNTIES: 1900.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
2,499	$1,327,072	72	$18,369	29	$5,145	$204,337	$44,564	$18,301	$103,546	$37,926	$2,914,138	$2,738,980	$175,158	$5,605,795	1
944	508,756	32	6,890	------	------	74,459	18,711	6,378	33,177	16,193	1,035,768	998,826	36,942	2,007,772	2
123	71,649	4	1,020	2	360	22,294	3,029	716	2,519	16,000	129,480	125,758	3,722	317,121	3
483	236,149	1	312	------	------	7,993	2,429	790	4,774	------	257,904	254,182	3,722	583,410	4
72	36,923	17	3,960	2	268	6,957	3,942	909	2,106	------	92,939	85,788	7,151	181,724	5
164	99,705	5	1,907	8	2,390	34,613	2,701	1,348	30,564	------	662,204	606,136	56,068	944,576	6
6	2,250	------	------	------	------	241	120	89	32	------	6,776	6,675	101	13,450	7
18	7,275	------	------	------	------	1,416	300	371	745	------	77,840	77,265	575	108,778	8
18	9,810	1	203	------	------	2,249	900	205	1,114	30	9,684	8,442	1,242	35,755	9
4	1,660	1	300	1	100	819	322	130	367	------	10,483	10,336	147	20,040	10
291	151,399	6	1,827	9	935	20,303	3,976	3,457	8,445	4,425	227,881	219,613	8,268	505,280	11
105	54,759	1	300	7	1,092	13,573	6,783	1,053	5,627	110	108,542	105,779	2,763	255,247	12
3	905	1	500	------	------	361	96	136	129	------	7,236	6,894	342	14,766	13
234	123,685	3	1,150	------	------	10,176	790	1,737	6,649	1,000	223,798	174,264	49,534	517,594	14
6	1,950	------	------	------	------	241	10	147	84	------	12,884	12,714	170	23,590	15
4	1,410	------	------	------	------	1,092	455	89	380	168	4,850	4,675	175	12,350	16
24	18,787	------	------	------	------	7,550	------	746	6,804	------	45,869	41,633	4,236	64,342	17

SPECIFIED INDUSTRIES: 1900.

2,499	$1,327,072	72	$18,369	29	$5,145	$204,337	$44,564	$18,301	$103,546	$37,926	$2,914,138	$2,738,980	$175,158	$5,605,795	1
5	3,140	------	------	------	------	2,635	2,045	70	520	------	12,570	12,520	50	23,470	2
27	14,366	------	------	------	------	3,124	1,901	488	730	5	24,349	21,813	2,536	74,991	3
13	7,130	------	------	------	------	2,434	1,693	182	559	------	11,481	11,376	105	33,077	4
11	5,510	------	------	------	------	5,464	2,490	210	2,764	------	36,557	35,805	752	64,072	5
36	20,543	5	1,822	1	156	6,454	3,372	841	2,241	------	54,866	53,066	1,800	122,644	6
80	33,486	------	------	1	100	1,203	246	532	275	150	18,528	3,504	15,024	77,190	7
129	81,120	------	------	------	------	37,488	1,713	547	1,962	33,266	282,334	282,167	167	548,020	8
17	8,760	------	------	------	------	2,006	635	521	850	------	9,101	8,441	660	28,600	9
1,061	585,401	------	------	------	------	1,913	------	436	1,477	------	463,182	445,029	18,153	1,069,280	10
14	7,456	1	460	------	------	3,244	2,679	86	479	------	16,348	15,976	372	37,594	11
1	420	2	262	1	120	1,667	1,235	105	327	------	4,088	3,933	155	14,410	12
52	27,458	------	------	------	------	11,009	1,560	2,782	6,655	12	413,396	404,666	8,730	551,108	13
52	30,265	------	------	------	------	2,247	120	485	1,642	------	15,283	13,805	1,478	65,546	14
3	1,170	------	------	------	------	695	470	20	205	------	2,665	2,635	30	6,840	15
21	15,200	------	------	1	100	1,983	------	1,033	950	------	15,480	4,305	11,175	77,775	16
8	3,017	------	------	------	------	1,503	340	92	71	1,000	8,450	8,056	394	19,437	17
14	8,387	------	------	------	------	11,456	300	473	10,683	------	7,312	6,112	1,200	37,136	18
339	112,832	1	125	------	------	7,188	740	2,030	4,418	------	212,571	212,571	------	411,627	19
29	16,185	------	------	------	------	3,172	------	384	788	2,000	27,087	26,112	975	57,100	20
59	33,451	------	------	------	------	2,016	497	184	1,225	110	194,930	194,480	450	260,440	21
------	------	7	2,875	------	------	1,547	1,260	157	130	------	11,185	11,140	45	19,200	22
10	4,470	------	------	------	------	2,551	408	418	1,725	------	8,945	8,760	185	25,275	23
21	16,054	------	------	------	------	2,048	1,024	235	789	------	14,350	14,275	75	41,565	24
4	2,300	1	350	1	180	2,748	1,465	291	867	125	9,365	9,089	276	27,000	25
11	7,008	------	------	1	135	3,194	1,359	310	525	1,000	29,088	29,025	63	78,600	26
114	69,416	12	4,025	16	2,036	11,947	5,969	1,064	4,884	30	33,622	30,917	2,705	197,521	27
8	3,205	------	------	------	------	2,894	1,797	291	806	------	21,014	20,869	145	43,803	28
35	21,690	------	------	------	------	3,441	2,448	334	659	------	39,707	39,212	495	99,885	29
8	5,112	1	240	------	------	2,498	728	56	1,714	------	6,786	6,786	------	18,850	30
6	3,180	------	------	------	------	5,001	3,198	190	1,613	------	6,933	6,404	529	29,410	31
42	17,890	25	4,000	------	------	5,500	------	650	4,850	------	22,930	17,180	5,750	77,875	32
269	161,450	17	4,210	7	2,318	52,067	2,872	2,804	46,163	228	879,635	778,951	100,684	1,366,454	33

printing and publishing, book and job, 2; roofing and roofing materials, 1; sewing machine repairing, 2; slaughtering, wholesale, not including meat packing, 2; sugar and molasses, beet, 1.

UNDER 20,000 IN POPULATION: 1900.

1,058	$567,646	35	$7,840	7	$1,092	$89,022	$24,894	$8,376	$39,957	$15,795	$1,092,797	$1,044,591	$48,206	$2,210,425	1
894	490,378	32	6,890	------	------	70,476	17,537	6,076	32,178	14,685	953,597	918,514	35,083	1,879,413	2
81	43,348	1	300	7	1,092	13,446	6,783	1,053	5,500	110	88,966	86,203	2,763	204,123	3
83	33,920	2	650	------	------	5,100	574	1,247	2,279	1,000	50,234	39,874	10,360	126,889	4

NEW YORK.

Table 1 shows the manufacturing and mechanical industries of the state of New York as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	78,658	65,840	42,739	36,206	22,624	23,553	19.5	54.1	18.0	60.0	[1]3.9
Capital	$1,651,210,220	$1,130,161,195	$514,246,575	$366,994,320	$172,895,652	$99,904,405	46.1	119.8	40.1	112.3	73.1
Salaried officials, clerks, etc., number	74,480	[2]98,018	(3)	(3)	(3)	(3)	[1]24.0	-------	-------	-------	-------
Salaries	$82,075,648	[2]$96,466,083	(3)	(3)	(3)	(3)	[1]14.9	-------	-------	-------	-------
Wage-earners, average number	849,056	752,066	531,533	351,800	230,112	199,349	12.9	41.5	51.1	52.9	15.4
Total wages	$408,855,652	$370,380,559	$198,634,029	$142,466,758	$65,446,759	$49,131,000	10.4	86.5	39.4	117.7	33.2
Men, 16 years and over	605,686	545,453	364,549	267,378	176,885	147,737	11.0	49.6	36.3	51.2	19.7
Wages	$338,030,434	$312,759,301	(3)	(3)	(3)	(3)	8.1	-------	-------	-------	-------
Women, 16 years and over	230,181	194,350	137,455	63,795	53,227	51,612	18.4	41.4	115.5	19.9	3.1
Wages	$68,623,708	$55,706,915	(3)	(3)	(3)	(3)	23.2	-------	-------	-------	-------
Children, under 16 years	13,189	12,263	29,529	20,627	(3)	(3)	7.6	[1]58.5	43.2	-------	-------
Wages	$2,201,510	$1,914,243	(3)	(3)	(3)	(3)	15.0	-------	-------	-------	-------
Miscellaneous expenses	$221,886,271	$122,042,219	(4)	(4)	(4)	(4)	81.8	-------	-------	-------	-------
Cost of materials used	$1,143,791,776	$871,264,085	$679,612,545	$452,065,452	$214,813,061	$134,655,674	31.3	28.2	50.3	110.4	59.5
Value of products, including custom work and repairing	$2,175,726,900	$1,711,577,671	$1,080,696,596	$785,194,651	$378,870,939	$237,597,249	27.1	58.4	37.6	107.2	59.5
Total population	[5]7,263,110	5,997,853	5,082,871	4,382,759	3,880,735	3,097,394	21.1	18.0	16.0	12.9	25.3
Wage-earners engaged in manufactures	849,056	752,066	531,533	351,800	230,112	199,349	12.9	41.5	51.1	52.9	15.4
Per cent of total population	11.7	12.5	10.5	8.0	5.9	6.4	-------	-------	-------	-------	-------
Assessed value of real estate	[6]$5,093,025,771	$3,403,751,246	$2,329,282,359	$1,532,720,907	$1,069,658,080	$564,649,649	49.6	46.1	52.0	43.3	89.4
Value of land and buildings invested in manufactures[7]	$392,174,641	$262,403,520	(3)	(3)	(3)	(3)	49.5	-------	-------	-------	-------
Per cent of assessed value	7.7	7.7	-------	-------	-------	-------	-------	-------	-------	-------	-------

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[3] Not reported separately.
[4] Not reported.
[5] Exclusive of 5,784 Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[6] As given in the Report of the State Board of Tax Commissioners of New York, 1900, page 31.
[7] Does not include value of rented property.

Table 1 shows that there has been a large growth in the manufacturing and mechanical industries of New York during the half century. The population during these years increased from 3,097,394 to 7,263,110, while the average number of wage-earners employed in manufacturing establishments increased from 199,349 to 849,056, embracing, in 1900, 11.7 per cent of the entire population, compared with 6.4 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 1,091,026, or 15 per cent of the total population of the state. The greatest percentage of increase in the value of products, 107.2, is shown for the decade ending with 1870, and the greatest absolute increase, $630,881,075, for the decade ending with 1890.

The commonwealth that has for many decades maintained its claim to the title of Empire State, did not hold this leading position among the thirteen colonies. At the First Census, New York ranked fifth in population, but rose to second place in population and manufactures before 1810, owing to the rapid settlement of the central and western portions of the state. With the completion of the Erie Canal in 1825, a great highway was opened to the West, and New York assumed position as the Empire State in population, wealth, commerce, and industry.

The natural resources which, with its geographical and topographical position, have contributed to make New York a great industrial state are a rich soil, an excellent climate, extensive forests, and mineral deposits. New York's broad and fertile acres are capable of furnishing food for a large population; during part of the Nineteenth century agriculture was in a more flourishing condition in this state than in any other. Horticulture is favored by the mild climate prevailing in the neighborhood of Lakes Ontario and Erie and the smaller lakes in the central part of the state. Where the land is inaccessible to the cultivator and the air too cold for the fruit grower, notably in the Adirondack Mountain region, it yields its wealth in the form of forests, which have supported great lumber and paper-making industries, or in mineral deposits that furnish the materials for still other industries. Coal, the indispensable fuel, is lacking, but iron is found in several counties. The clay beds along the lower Hudson are the center of one of the greatest of brick-making districts; near them are extensive cement quarries. In the produc-

tion of granite, sandstone, slate, marble, and limestone the state ranked fourth in the United States in 1899.[1] Since 1893 New York has ranked first in the production of salt, of which there are rich deposits in the central and western parts of the state.[2] Gypsum, talc, graphite, petroleum, and natural gas are found in moderate quantities. The topography of the state is such that the natural wealth is readily accessible and easily developed. In the highlands swift water courses, including the Mohawk, Upper Hudson, Black, and Genesee rivers, take their rise and furnish abundant waterpower, while the great difference in level between the Erie and Ontario plains gives to the waters of the Great Lakes an immense power, which, at Niagara Falls, is rapidly being utilized for the generation of electrical energy. The tunnels already built on the American side of the Falls are said to be capable of developing 400,000 horsepower, an amount of energy nearly equal to 80 per cent of the steam power utilized in the factories of the entire state in 1890 and within about 12 per cent of the combined steam and water power in 1880. Of even greater importance than the presence of waterpower has been the existence of the great natural highways of commerce. From New York to Albany, the Hudson River is virtually an arm of the ocean; between Albany and Buffalo, through the Mohawk Valley and the Ontario plain, is the only natural break in the Appalachian Mountain range. The building of the Erie Canal, by which Lake Erie and the Hudson River were connected, brought to New York much of the commerce of the West, and a system of branch canals, connecting this trunk line with Lake Champlain, Lake Ontario, and several of the central New York lakes, perfected the inland waterways for the interchange of the state's own products. These cheap transportation lines encouraged the specialization of industries. Each community could devote its energies to the development of its own resources and exchange its products with other communities. Along the line of the waterways, centers of trade sprang into existence and developed rapidly. The largest of these cities, New York, at the southern terminus of the route, was naturally most favorably situated for coastwise and foreign trade and possessed fine harbor facilities. It became the commercial and financial center of the continent and gave support to important manufacturing industries. Factories were also built in the other commercial centers along the water highways. It is a noteworthy fact that of the 16 manufacturing centers separately reported in Table 4, all but Binghamton and Elmira are located upon water routes, which have in turn largely determined the location of railway routes.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for governmental establishments, educational, eleemosynary, and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

[1] United States Geological Survey: Mineral Resources, 1899, Nonmetallic Products, except Coal and Coke, page 335.
[2] Ibid., pages 540–542.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	87,396	$1,674,088,301	97,837	854,234	$410,768,950	$222,216,246	$1,146,034,092	$261,072,332	$852,484,167	$32,477,593	$2,182,737,337
Hand trades[1]	34,498	86,095,759	40,115	105,340	62,257,695	33,756,717	94,075,257	1,387,831	90,994,107	1,693,319	246,681,237
Governmental establishments	3	18,439,326	--------	2,067	1,724,711	25,622	1,141,382	600	1,105,157	35,625	4,028,032
Educational, eleemosynary, and penal institutions	46	999,875	--------	252	40,363	8,502	431,162	56,527	363,401	11,234	651,861
Establishments with a product of less than $500	8,689	3,438,880	9,083	2,859	148,224	295,851	669,772	82,184	587,588	----------	2,330,544
All other establishments	44,160	1,565,114,461	48,639	743,716	346,597,957	188,129,554	1,049,716,519	259,545,190	759,433,914	30,737,415	1,929,045,663

[1] Includes bicycle and tricycle repairing, 1,094; blacksmithing and wheelwrighting, 5,394; boots and shoes, custom work and repairing, 4,941; carpentering, 2,981; clothing, men's, custom work and repairing, 5,089; clothing, women's, dressmaking, 2,913; dyeing and cleaning, 331; furniture, cabinetmaking, repairing, and upholstering, 1,295; lock and gun smithing, 420; masonry, brick and stone, 905; millinery, custom work, 1,721; painting, house, sign, etc., 2,742; paper hanging, 103; plastering and stuccowork, 152; plumbing, and gas and steam fitting, 2,491; sewing machine repairing, 110; taxidermy, 27; typewriter repairing, 11; watch, clock, and jewelry repairing, 1,778.

Of the 87,396 establishments of all classes, shown in this table, 43,187, or 49.4 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $249,011,781, or only 11.4 per cent of the total value of the products of the state.

In addition to the 87,396 active establishments in the state during the census year, with a capital of $1,674,088,301, shown in Table 2, there were 264 idle establishments, with a capital of $10,519,033, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Agricultural implements	1	$60,000	Lumber, planing mill products, including sash, doors, and blinds	7	$61,397
Brick and tile	9	172,839	Malt	7	521,500
Brooms and brushes	2	14,040	Marble and stone work	5	344,072
Carpentering	5	187,350	Matches	1	120,000
Carriage and wagon materials	2	15,500	Millinery and lace goods	1	17,500
Cheese, butter, and condensed milk, factory product	11	19,620	Models and patterns	1	27,000
Chemicals	1	50,000	Musical instruments, organs and materials	1	20,100
Dye stuffs and extracts	1	27,500	Oil, essential	3	13,205
Flouring and grist mill products	21	175,925	Oil, linseed	2	1,351,818
Foundry and machine shop products	12	253,966	Paper and wood pulp	3	47,500
Fruits and vegetables, canning and preserving	32	119,554	Paving and paving materials	5	37,465
Furniture, factory product	1	26,400	Pottery, terra cotta, and fire-clay products	2	202,700
Glass	4	337,900	Salt	2	1,437,950
Hosiery and knit goods	10	784,050	Silk and silk goods	1	95,000
Iron and steel	8	2,976,532	Stamped ware	1	44,500
Leather, tanned, curried, and finished	7	303,275	Woodenware, not elsewhere specified	2	36,935
Liquors, distilled	5	88,945	Woolen goods	8	166,775
Liquors, malt	2	204,526	All other industries	57	103,667
Lumber and timber products	21	52,027			

TABLE 3.—COMPARATIVE SUMMARY OF THIRTY-SIX LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	24,417	$1,156,396,994	502,839	$234,922,692	$152,077,272	$759,215,666	$1,880,975,268
	1890	21,309	760,830,178	445,867	211,497,587	86,352,935	583,692,855	1,082,595,478
Increase, 1890 to 1900	--------	3,108	395,566,816	56,972	23,425,105	65,724,337	175,522,811	298,379,790
Per cent of increase	--------	14.6	52.0	12.8	11.1	76.1	30.1	27.6
Per cent of total of all industries in state	1900	31.0	70.0	59.2	57.5	68.5	66.4	63.5
	1890	32.4	67.3	59.3	57.1	70.8	67.0	63.3
Agricultural implements	1900	87	20,115,962	5,551	2,797,269	833,948	4,824,871	10,537,254
	1890	116	19,924,731	5,620	2,726,538	2,263,680	3,743,157	11,680,842
Boots and shoes, factory product	1900	223	11,983,239	15,796	6,138,653	1,251,902	15,611,386	25,585,631
	1890	257	11,950,891	15,361	6,629,641	812,099	12,383,851	23,661,204
Carriages and wagons	1900	893	14,141,207	6,981	3,899,899	873,942	5,174,662	13,068,385
	1890	1,098	15,363,984	9,776	5,346,529	963,546	6,786,570	16,803,241
Cars and general shop construction and repairs by steam railroad companies.	1900	82	11,244,747	13,062	6,762,504	203,221	8,879,813	16,194,850
	1890	46	4,213,639	8,585	4,420,441	----------	4,527,381	9,046,025
Cheese, butter, and condensed milk, factory product	1900	1,908	7,084,130	2,439	1,157,081	337,303	22,486,869	26,557,888
	1890	1,308	4,002,026	2,461	640,827	149,946	12,362,992	14,385,966
Chemical products: Total	1900	279	46,459,948	8,854	4,638,859	2,980,719	24,554,418	40,663,363
	1890	288	34,813,828	8,720	4,372,019	3,637,132	24,581,078	41,338,134
Chemicals (acids, bases, and salts)	1900	92	22,105,837	4,531	2,302,999	1,142,851	8,669,561	15,994,366
	1890	133	16,075,305	5,266	2,548,278	2,007,320	11,781,828	20,646,278
Dye stuffs and extracts	1900	19	2,548,136	538	300,832	128,447	1,263,843	2,111,811
	1890	15	2,752,195	497	266,288	69,645	1,381,906	2,019,615
Fertilizers	1900	32	4,600,559	1,033	491,898	317,826	1,909,158	3,147,894
	1890	31	3,895,779	690	325,006	217,514	2,138,915	3,498,291
Oil, essential	1900	14	256,885	42	24,295	38,411	412,832	531,000
	1890	7	54,930	28	9,430	31,898	91,980	159,163
Paints	1900	82	11,318,419	2,173	1,175,277	815,946	8,344,936	12,543,825
	1890	70	7,534,668	1,810	937,502	767,808	6,395,947	9,801,124
Varnish	1900	40	5,630,082	537	343,558	537,238	3,954,088	6,334,467
	1890	32	4,500,951	429	285,515	542,947	2,790,502	5,213,663
Clothing: Total	1900	4,204	80,633,853	90,017	41,567,834	28,803,498	121,348,345	233,370,447
	1890	3,466	57,534,954	78,874	34,922,393	9,163,467	67,961,888	141,968,351
Clothing, men's, factory product	1900	2,531	51,350,648	41,300	19,579,938	20,396,003	64,500,271	126,478,057
	1890	2,661	46,153,319	54,110	24,100,196	6,937,994	45,398,538	96,880,957
Clothing, women's, factory product	1900	1,673	29,283,205	48,717	21,987,896	8,407,495	56,848,074	106,892,390
	1890	805	11,381,635	24,764	10,822,197	2,225,473	22,063,350	45,087,394
Coffee and spice, roasting and grinding	1900	87	9,405,886	1,541	711,404	1,523,357	18,130,868	22,470,856
	1890	70	4,882,987	1,260	640,981	326,986	28,338,042	31,013,213
Confectionery	1900	858	8,330,656	7,230	2,674,077	1,753,214	10,683,276	18,842,148
	1890	657	5,678,878	5,920	2,184,685	782,798	6,971,074	12,920,812
Electrical apparatus and supplies	1900	134	17,697,352	10,370	5,666,702	893,038	12,538,790	22,695,024
	1890	66	8,976,892	3,890	2,091,860	420,468	4,125,504	8,189,180
Flouring and grist mill products	1900	1,513	23,384,858	2,489	1,284,438	1,014,018	36,523,959	42,796,340
	1890	1,235	21,128,597	3,389	1,599,168	1,410,681	44,890,115	52,550,744
Foundry and machine shop products	1900	1,352	107,926,155	50,173	27,576,739	7,390,514	41,814,790	96,636,517
	1890	1,081	68,086,728	39,133	23,245,546	4,637,952	27,273,952	72,084,500
Fur goods	1900	560	7,299,989	4,454	2,486,071	1,208,935	8,732,323	15,828,996
	1890	281	5,620,290	4,342	2,322,314	452,392	6,897,292	12,434,272

TABLE 3.—COMPARATIVE SUMMARY OF THIRTY-SIX LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Furnishing goods, men's	1900	270	$16,158,628	21,610	$7,299,054	$1,963,863	$15,865,729	$31,000,834
	1890	215	5,284,529	11,671	3,349,872	1,360,611	6,788,652	14,379,970
Furniture, factory product	1900	354	16,436,743	14,481	6,983,087	1,813,548	9,908,514	23,643,245
	1890	415	13,417,296	13,211	7,605,418	1,322,226	9,504,797	23,539,011
Gas, illuminating and heating	1900	101	171,379,067	5,381	3,676,712	5,060,906	5,866,549	20,917,726
	1890	94	77,899,876	3,970	3,062,641	2,521,614	4,944,042	18,716,683
Gloves and mittens	1900	244	6,219,227	9,889	2,716,223	341,567	6,317,033	10,835,898
	1890	212	4,143,502	6,208	1,998,737	253,785	3,724,094	7,369,730
Iron and steel	1900	30	12,183,866	5,418	3,062,711	503,558	7,676,155	13,858,553
	1890	44	15,982,435	6,848	3,303,811	877,541	10,424,852	15,849,537
Ironwork, architectural and ornamental	1900	203	6,167,239	4,942	2,936,838	835,632	6,877,269	12,745,249
	1890	155	3,739,291	4,018	2,591,595	322,298	4,147,313	8,386,281
Jewelry	1900	250	5,828,008	3,022	2,001,816	474,446	5,427,002	10,244,624
	1890	195	3,461,294	1,994	1,380,241	246,216	3,489,132	7,385,139
Leather, tanned, curried, and finished	1900	147	19,062,817	6,530	2,775,115	558,470	17,424,300	23,205,991
	1890	210	14,553,591	6,200	2,914,165	802,564	16,328,321	23,348,078
Liquors:								
Total	1900	279	97,610,103	7,730	5,741,081	27,996,873	11,942,896	58,282,253
	1890	249	68,219,486	7,084	5,562,402	16,730,168	18,966,530	54,009,249
Liquors, distilled	1900	16	394,906	62	26,621	909,958	141,626	1,201,851
	1890	6	195,793	48	22,073	261,257	118,750	422,824
Liquors, malt	1900	225	95,057,875	7,424	5,630,996	26,954,024	11,418,383	56,137,854
	1890	232	67,759,552	7,001	5,525,189	16,445,206	18,776,129	53,429,685
Liquors, vinous	1900	38	2,157,322	244	83,464	132,891	382,887	942,548
	1890	11	264,141	35	15,140	23,705	71,651	156,740
Lithographing and engraving	1900	111	12,288,055	6,335	3,497,757	1,543,750	3,790,350	11,062,856
	1890	94	6,675,542	4,094	2,799,634	462,130	3,012,751	8,333,764
Lumber:								
Total	1900	2,274	44,814,743	18,365	8,320,604	1,721,394	27,545,491	45,523,234
	1890	2,274	45,509,401	27,160	11,180,221	2,371,739	28,561,204	50,925,720
Lumber and timber products	1900	1,765	21,873,203	6,850	2,737,361	523,407	9,038,425	15,766,977
	1890	1,734	21,430,739	12,981	3,369,484	1,028,246	8,865,653	17,160,547
Lumber, planing mill products, including sash, doors, and blinds.	1900	509	22,941,540	11,515	5,583,243	1,197,987	18,507,066	29,756,257
	1890	540	24,078,662	14,179	7,810,737	1,343,493	19,695,551	33,765,173
Millinery and lace goods	1900	393	7,720,991	11,274	4,031,573	1,139,237	11,177,259	21,037,782
	1890	165	3,845,161	6,038	2,754,089	513,469	4,671,761	10,803,361
Musical instruments:								
Total	1900	193	14,313,495	7,244	4,200,754	1,194,288	6,868,284	15,509,839
	1890	211	11,091,456	7,142	5,025,059	685,269	6,160,196	15,713,919
Musical instruments and materials, not specified	1900	58	1,146,213	443	237,495	52,116	305,749	763,408
	1890	81	277,821	309	163,143	38,845	196,802	588,834
Musical instruments, organs and materials	1900	17	269,336	151	101,900	17,858	119,339	326,517
	1890	23	549,473	321	220,887	27,212	257,201	670,017
Musical instruments, pianos and materials	1900	118	12,897,946	6,650	3,861,359	1,124,314	6,443,196	14,419,914
	1890	107	10,264,162	6,512	4,641,029	619,212	5,706,193	14,455,068
Paper and wood pulp	1900	179	37,349,390	9,268	4,099,771	2,398,994	14,563,222	26,715,628
	1890	153	17,124,359	5,339	2,234,747	1,417,066	8,061,038	14,192,240
Patent medicines and compounds	1900	392	12,809,437	2,885	1,182,657	5,845,921	4,914,438	17,075,937
	1890	227	4,565,538	1,467	615,669	2,003,686	2,202,079	8,032,938
Petroleum, refining	1900	4	16,970,492	2,629	1,306,084	974,321	23,435,357	27,184,524
	1890	9	24,166,205	3,096	1,626,065	576,161	20,979,247	25,786,841
Printing and publishing:								
Total	1900	2,640	80,588,361	32,948	20,309,991	20,345,531	23,364,449	95,232,051
	1890	2,230	47,569,089	27,587	19,009,061	13,746,517	16,398,183	68,929,001
Book and job	1900	1,412	24,114,794	16,273	9,265,500	4,915,318	8,691,912	31,413,113
	1890	953	17,541,631	13,175	7,876,656	2,413,066	6,692,084	24,191,080
Music	1900	22	987,093	215	119,736	251,297	160,647	853,862
	1890	14	311,430	134	69,298	52,448	55,949	344,850
Newspapers and periodicals	1900	1,206	55,486,474	16,460	10,924,755	15,178,916	14,511,890	62,965,076
	1890	1,263	29,716,028	14,278	11,063,107	11,281,003	9,650,150	44,393,071
Shirts	1900	324	9,526,124	13,565	4,699,177	3,313,052	10,721,902	22,782,302
	1890	377	7,794,695	17,948	5,193,886	1,243,222	7,349,370	17,483,958
Slaughtering:								
Total	1900	110	15,357,075	3,099	1,846,434	1,274,534	50,523,186	57,431,293
	1890	181	12,605,460	3,744	2,434,142	960,083	67,560,780	76,642,151
Slaughtering and meat packing, wholesale	1900	53	7,309,162	1,530	777,738	520,208	16,980,708	19,624,187
	1890	76	6,740,912	1,922	1,123,539	460,478	29,832,621	34,848,582
Slaughtering, wholesale, not including meat packing	1900	57	8,047,913	1,569	1,068,696	754,326	33,542,478	37,807,106
	1890	105	5,864,548	1,822	1,310,603	499,605	37,728,159	41,793,569
Soap and candles	1900	91	7,669,979	2,020	821,340	2,020,165	7,853,624	12,833,645
	1890	101	4,654,025	1,711	812,809	816,599	5,295,768	9,036,982
Sugar and molasses, refining	1900	14	64,020,999	3,275	1,877,320	2,300,545	86,148,971	90,680,478
	1890	14	3,877,973	610	274,701	246,957	15,272,692	17,157,694

TABLE 3.—COMPARATIVE SUMMARY OF THIRTY-SIX LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Textiles:								
Total	1900	537	$93,722,819	64,901	$22,672,339	$6,701,209	$50,584,295	$94,263,047
	1890	627	76,364,192	61,097	20,894,583	4,852,224	47,964,507	86,642,771
Carpets and rugs, other than rag	1900	12	12,870,200	8,603	3,308,438	541,841	7,681,097	15,029,218
	1890	15	11,178,342	8,879	3,218,367	399,322	8,689,413	14,606,116
Cotton goods (including cotton small wares)	1900	52	15,060,149	9,259	2,745,848	943,848	5,718,295	10,788,003
	1890	42	13,290,745	8,316	2,448,031	724,405	5,564,251	9,777,295
Dyeing and finishing textiles	1900	42	6,230,657	3,117	1,424,578	210,395	1,402,373	3,625,882
	1890	49	4,963,095	2,725	1,344,250	367,935	1,454,119	3,636,051
Felt goods	1900	11	2,183,050	735	297,853	114,909	987,380	1,784,136
	1890	11	1,371,219	773	301,933	86,273	807,276	1,517,199
Hosiery and knit goods	1900	242	30,203,640	26,470	8,964,097	2,199,029	20,218,200	35,886,048
	1890	201	19,608,331	19,828	5,925,569	1,389,427	13,669,169	24,776,582
Shoddy	1900	9	329,861	167	65,739	18,122	310,783	443,529
	1890	12	482,520	173	60,061	11,640	343,012	471,478
Silk and silk goods	1900	92	9,800,207	7,861	2,861,818	1,601,527	6,570,037	12,706,246
	1890	185	11,165,918	12,719	4,983,063	1,123,671	10,174,818	19,417,796
Wool hats	1900	5	896,852	930	403,213	68,296	789,348	1,376,721
	1890	5	1,444,767	976	323,620	54,233	860,937	1,489,139
Woolen goods	1900	65	7,338,813	4,033	1,399,527	761,841	3,499,864	6,715,005
	1890	91	7,243,380	2,838	946,711	353,245	2,930,932	5,188,020
Worsted goods	1900	7	8,809,390	3,726	1,201,228	241,410	3,406,918	5,958,259
	1890	16	5,615,875	3,870	1,342,978	342,073	3,470,580	5,763,102
Tobacco:								
Total	1900	3,097	22,491,354	27,071	11,502,724	12,687,859	19,115,021	53,660,580
	1890	2,888	26,107,357	30,299	13,731,097	6,969,643	21,042,650	51,853,976
Chewing, smoking, and snuff	1900	42	1,757,687	1,020	345,704	2,032,836	1,734,072	4,632,101
	1890	30	2,671,274	1,531	574,009	1,006,457	1,610,642	4,431,373
Cigars and cigarettes	1900	3,055	20,733,667	26,051	11,157,020	10,655,023	17,380,949	49,028,479
	1890	2,858	23,436,083	28,768	13,157,088	5,963,186	19,432,008	47,422,603

The 36 leading industries of the state in 1900, as shown in Table 3, embraced 24,417 establishments, or 31 per cent of the total number in the state; used a capital of $1,156,396,994, or 70 per cent of the total; gave employment to 502,839 wage-earners, or 59.2 per cent of the total number; and paid $234,922,692, or 57.5 per cent of the total wages. The value of their products was $1,380,975,268, or 63.5 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

The following leading industries, numbering 19, have increased at a greater rate than the population: Sugar and molasses, refining; electrical apparatus and supplies; furnishing goods, men's; patent medicines and compounds; millinery and lace goods; paper and wood pulp; cheese, butter, and condensed milk, factory product; cars and general shop construction and repairs by steam railroad companies; clothing, factory product; ironwork, architectural and ornamental; gloves and mittens; confectionery; soap and candles; jewelry; printing and publishing; foundry and machine shop products; lithographing and engraving; shirts; and fur goods.

The following 7 show a much less rate of increase than the population of the state, the order of presentation being from greatest percentage of increase to least: Gas; textiles; boots and shoes, factory product; liquors; petroleum, refining; tobacco; and furniture, factory product.

The following 10 have decreased in value of products since 1890, the order of presentation being from greatest percentage of decrease to least: Coffee and spice, roasting and grinding; slaughtering; carriages and wagons; flouring and grist mill products; iron and steel; lumber; agricultural implements; chemical products; musical instruments; and leather, tanned, curried, and finished. Of the declining industries, the majority are those which use such materials as lumber, hides, wheat, and iron, no longer produced as economically in New York as elsewhere.

The growing industries nearly all fall in the group of highly finished articles and luxuries demanded by an advancing civilization and a high state of the arts and sciences. Many of them pertain peculiarly to a city civilization, as for example, gas, paper and wood pulp, and printing and publishing. In New York the paper and wood pulp industry is almost entirely devoted to the production of news paper, and so large has become the output of the Adirondacks (mainly along the Black River in Jefferson and Lewis counties and the Hudson River in Saratoga and Washington counties) that New York now ranks first of all the states. The news paper product, and cheese, butter, and condensed milk, factory product, are virtually the only ones directly dependent upon the state's natural wealth. All the rest of the progressive industries of New York use materials imported from other states. It is a noteworthy fact that the production of confectionery now exceeds that of iron and steel in New York.

Table 3 shows that the factory manufacture of clothing is the most important industry in the state. The 4,204 establishments reported in 1900 gave employment to 90,017 wage-earners, or 10.6 per cent of the wage-earners in the state, and their products were valued at $233,370,447, or 10.7 per cent of the total value of the products of the

state. In 1890 there were 3,466 establishments, with 78,874 wage-earners, and products valued at $141,968,351. The increase in the value of products during the decade was $91,402,096, or 64.4 per cent.

The factory manufacture of clothing is of comparatively recent development. It began probably in the second quarter of the Nineteenth century and is particularly associated with two events since 1850, namely, the invention of the sewing machine, and the Civil War. Apart from army clothing, probably the only ready-made clothing sold in Europe or in this country in the earlier years of the Nineteenth century was so-called "slop clothing," which was bought for stocking sailors' "slop-chests" prior to setting out upon long voyages. As early as 1830, however, New York merchants began to supply a demand for ready-made clothing in the South and West. Many of them maintained retail stores in southern cities for the sale of clothing made in New York factories,[1] the largest of which are said to have employed 300 to 500 hands each. In 1841 the value of clothing sold at wholesale in New York city was estimated at $2,500,000.[2] The trade was greatly stimulated by the requirements of western emigrants, especially after the discovery of gold in California. Two or three years later the invention of the sewing machine put the business upon a substantial basis and enabled it to meet the demand for army clothing during the Civil War. About 1870 cutting machines were introduced; first, a long knife, operating perpendicularly like a saw and cutting through eighteen thicknesses of cloth, later a circular disk operating like a buzz saw and cutting twenty-four thicknesses. But while the ready-made clothing business has now attained so large proportions, it is not a fully organized factory industry. The clothing is not, as a rule, made in large factories under the supervision of the manufacturer, but in small workshops or tenement rooms through the intervention of a contractor. Various causes contribute to this backward state, one of which is the presence in cities of large bodies of unskilled workmen, whose ignorance of the English language prevents them from finding more remunerative employment than that offered by the "sweater." But the principal cause is the great variety of styles and patterns, which necessitates extreme specialization. This can be more readily accomplished by distributing the different designs among contractors than by undertaking to make all patterns under one roof. Garments of a standard design and cloth, such as overalls, are made in large factories outside the great cities. But the manufacturer of overcoats and suits finds it more profitable to locate in a large city, where he can find an abundant supply of labor and contractors who will relieve him of the necessity of investing money in a plant that would lie idle half the year. New York's dominance of the clothing trade is undisputed.

The manufacture of women's cloaks, wrappers, etc., for the wholesale trade apparently began in New York city in 1849,[3] but it developed slowly. It was not mentioned in the New York census of 1855, but according to the Federal Census of 1860, the state contained 22 establishments devoted to the manufacture of women's clothing (cloaks and mantillas), and their annual products were valued at $685,600. The trade has developed along the lines of the men's ready-made garment trade and has now attained nearly as large dimensions.

The manufacture of foundry and machine shop products ranked second among the industries of the state in 1900, with 1,352 establishments, 50,173 wage-earners, and products valued at $96,636,517. In 1890 there were 1,081 establishments, 39,133 wage-earners, and products valued at $72,084,500. The increase in the value of products during the decade was $24,552,017, or 34.1 per cent.

It is impossible to specify the great variety of machinery included in the foundry and machine shop products of New York state, but steam engines, pumps, locomotives, and other motors are prominent. A New York machinist is credited with having begun the business of making stationary engines in that city;[4] and New York city engineers, associated with Robert Fulton, founded and developed the manufacture of marine engines after Fulton had been obliged to send to England for an engine to propel his steamboat, the Clermont.[5] The steam engine, pump, boiler, and fire engine branches of the foundry and machine shop industry of New York now give employment to more than 10,000 workmen, while the two locomotive works at Dunkirk and Schenectady employ about 5,000.[6] Another large branch of the industry is the manufacture of printing presses. The history of this manufacture is largely interwoven with the growth of a firm in New York city, which was among the first (1822) in the United States to undertake the manufacture of iron instead of wooden presses. This firm also produced in 1847 the first rotary press, which carried the type on a revolving cylinder, and for many years the only competition was from another New York house. In recent years, however, Chicago has rivalled New York city in this manufacture.

The manufacture of stoves is another important branch of the foundry and machine shop industry. In the Eighteenth century stove plates were cast at the blast furnaces near the iron mines. But Troy early became the center of the stove trade; and in the Nineteenth century, when stove founding became a separate business, it grew up chiefly at Albany and Troy, where superior molding sand was found. With the settlement of the West, the stove business developed in the western cities, especially at Detroit, but New York state still ranks among the first.

There were 2,640 establishments engaged in 1900 in printing and publishing, the industry third in rank, with 32,948 wage-earners, and products valued at $95,232,051.

[1] One Hundred Years of American Commerce, Vol. II, page 561.
[2] Eighth Census of the United States, Manufactures, Introduction, page lxiv.
[3] Eighth Census of the United States, Manufactures, Introduction, page lxxxiii.
[4] History of American Manufactures, by J. L. Bishop, Vol. II, page 586.
[5] Ibid., pages 587 and 592.
[6] Report of the New York State Department of Labor, 1901.

In 1890 there were 2,230 establishments, 27,587 wage-earners, and products valued at $68,929,001. The increase in the value of products during the decade was $26,303,050, or 38.2 per cent.

The art of printing was introduced in Massachusetts and Pennsylvania earlier than in New York; in fact, it was the pioneer of American printing, William Bradford, who was induced by the New York state government, in 1693, to leave Philadelphia and set up a printing press in New York city, where he was allowed 50 pounds annually for printing the "Acts of Assembly and Publick Papers."[1] In 1725 Bradford started the first newspaper in New York, the Weekly Gazette. The second New York paper, the Weekly Journal, is memorable for the heroic fight made by its editor, Peter Zenger, in defense of the freedom of the press.

Early in the Nineteenth century, New York began to overtake Philadelphia in printing and publishing newspapers. The system of annual fairs and trade sales of books was established at New York in 1802, under the auspices of the American Company of Booksellers.[2] The publishing house of Harper was founded in 1817 and that of Appleton in 1825.[3] Type foundries were established, and in 1838 Bruce, of New York, invented a type-casting machine that greatly cheapened type. Improvements in presses followed one another in rapid succession. The Hoe patent of 1847 for a type-revolving cylinder wrought a revolution in the publishing of daily newspapers, by enabling the publishers to print large editions in a short time. Stereotyping by plaster process had been introduced in book work in 1813, and in 1861 the Tribune first used stereotyping (papier mâché process) in newspaper work. Subsequent improvements in typography have been the invention of the web perfecting press by Bullock, of Philadelphia (1861), and the linotype, or typesetting machine, by Mergenthaler, of Baltimore (1888), both of which have played a notable role in establishing the daily press in its present position. New York is the center of the periodical press as well as of book publishing.

There were 537 establishments engaged in the manufacture of textiles in 1900, with 64,901 wage-earners, and products valued at $94,263,047. In 1890 there were 627 establishments, 61,097 wage-earners, and products valued at $86,642,771. The increase in the value of products during the decade was $7,620,276, or 8.8 per cent. New York ranked third in 1900 in combined textiles, which was also the position it occupied in 1890. These combined textiles are: Carpets and rugs, other than rag; cotton goods, including cotton small wares; dyeing and finishing textiles; felt goods; hosiery and knit goods; shoddy; silk and silk goods; wool hats; woolen goods; and worsted goods.

There were 242 establishments engaged in the manufacture of hosiery and knit goods in 1900, with 26,470 wage-earners, and products valued at $35,386,048. In 1890 there were 201 establishments, 19,828 wage-earners, and products valued at $24,776,582. The increase in the value of products during the decade was $11,109,466 or 44.8 per cent.

New York's prominence in the textile manufacture depends mainly upon its knitting industry, which is of New York origin. The state leads all other states, as it did in 1880 and 1890. The value of its products in 1900 exceeded that of Pennsylvania, which was second, by $13,989,985, or 63.9 per cent. Hosiery, in the early part of the Nineteenth century, was either knit by hand in the household or by a cumbrous machine, invented in England two centuries previously and requiring for its operation the strength of a man. In 1831 an Albany storekeeper, Egbert Egberts, recognized the clumsiness of the knitting frame and thought of the possibility of applying power. He sought out a young mechanic, Timothy Bailey, explained his idea to him, and sent him to Philadelphia to buy a machine. Within six days after the arrival of a disused frame in Albany, Bailey had arranged an apparatus to knit by turning a crank at the side. Egberts & Bailey then undertook to start a knitting mill in a dismantled cotton factory at Cohoes, where waterpower from the Mohawk River had just been secured. For eight or nine years their operations were limited, but by 1843 success appeared certain.[4] Egberts and Joshua Bailey then erected a brick mill, while Timothy Bailey, the inventor, remained in the old factory. In 1850 there were only 3 knitting mills in New York, and 6 in 1855, but in 1860 the annual production was valued at $1,944,090.

The power knitting machine was soon introduced in Philadelphia, which remained, as before, the principal hosiery center, while Cohoes and numerous other towns in the Mohawk and Hudson valleys, forming the other great centers of the knitting industry, have specialized in underwear. In recent years Amsterdam and Utica have become rivals of Cohoes.

There were 12 establishments engaged in the manufacture of carpets and rugs, other than rag, in 1900, with 8,603 wage-earners, and products valued at $15,029,218. In 1890 there were 15 establishments, 8,879 wage-earners, and products valued at $14,606,116. The increase in the value of products during the decade was $423,102, or 2.9 per cent.

Next to hosiery and knit goods, carpets and rugs are the largest textile manufacture of New York, and the state ranks second. E. S. Higgins & Co. began to manufacture ingrain carpets in 1841, and have built up large factories. The name of Alexander Smith, who died about six years ago, is prominently identified with this industry. The firm which he established at Yonkers, now known as Alex. Smith & Sons, possesses one of the largest plants for the manufacture of carpets in the United States. This enterprise grew out of the invention, in 1860, by Smith and Halcyon Skinner, of Yonkers, of an

[1] Tenth Census of the United States, The Newspaper and Periodical Press, page 8.

[2] Eighth Census of the United States, Manufactures, Introduction, page cxxxviii.

[3] One Hundred Years of American Commerce, Vol. I, page 309.

[4] History of Cohoes, by Masten, pages 61, 62, and 77.

Axminster and Moquette power loom, which, with the Bigelow power looms, revolutionized the carpet industry. There is a large carpet factory at Amsterdam, established by Stephen Stanford, for the weaving of tapestry ingrains, by a process patented by Alexander Smith and J. G. McNair.[1]

There were 92 establishments engaged in the manufacture of silk and silk goods in 1900, with 7,861 wage-earners, and products valued at $12,706,246. In 1890 there were 185 establishments, 12,719 wage-earners, and products valued at $19,417,796. The decrease in the value of products during the decade was $6,711,550, or 34.6 per cent.

The principal products of the New York silk mills are ribbons and laces. High rents and other reasons have lately caused many New York city manufacturers to move part or all of their plants to the country, usually into New Jersey or Pennsylvania. Elmira is the largest center of the industry after New York city, while Hornellsville, Amsterdam, and several smaller places have one or more factories each.

There were 52 establishments engaged in the manufacture of cotton goods, including cotton small wares, in 1900, with 9,259 wage-earners, and products valued at $10,788,003. In 1890 there were 42 establishments, 8,316 wage-earners, and products valued at $9,777,295. The increase in the value of products during the decade was $1,010,708, or 10.3 per cent.

The manufacture of cotton goods was begun in New York within a few years after it had been started in New England. The first factory is said to have been erected in Washington county by William Mowry, who had learned the business in the original Slater mill at Pawtucket, R. I. The industry in New York has always been localized to a large extent along the Mohawk and Hudson rivers, and Cohoes and Utica are to-day the principal centers.

There were 65 establishments engaged in the manufacture of woolen goods in 1900, with 4,033 wage-earners, and products valued at $6,715,005. In 1890 there were 91 establishments, 2,838 wage-earners, and products valued at $5,188,020. The increase in the value of products during the decade was $1,526,985, or 29.4 per cent.

There were 7 establishments engaged in the manufacture of worsted goods in 1900, with 3,726 wage-earners, and products valued at $5,958,259. In 1890 there were 16 establishments, 3,870 wage-earners, and products valued at $5,763,102. The increase in the value of products during the decade was $195,157, or 3.4 per cent.

There were 42 establishments engaged in the dyeing and finishing of textiles in 1900, with 3,117 wage-earners, and the work done was valued at $3,625,882. In 1890 there were 49 establishments, 2,725 wage-earners, and the work done was valued at $3,636,051. The decrease during the decade in the value of the work done was $10,169, or three-tenths of 1 per cent.

[1] One Hundred Years of American Commerce, Vol. II, pages 486 and 487.

There were 11 establishments engaged in the manufacture of felt goods in 1900, with 735 wage-earners, and products valued at $1,734,136. In 1890 there were 11 establishments, 773 wage-earners, and products valued at $1,517,199. The increase in the value of products during the decade was $216,937, or 14.3 per cent.

There were 5 establishments engaged in the manufacture of wool hats in 1900, with 930 wage-earners, and products valued at $1,376,721. In 1890 there were 5 establishments, 976 wage-earners, and products valued at $1,489,132. The decrease in the value of products during the decade was $112,411, or 7.5 per cent.

There were 9 establishments engaged in the manufacture of shoddy in 1900, with 167 wage-earners, and products valued at $443,529. In 1890 there were 12 establishments, 173 wage-earners, and products valued at $471,478. The decrease in the value of products during the decade was $27,949, or 5.9 per cent.

There were 14 establishments engaged in the refining of sugar and molasses in 1900, with 3,275 wage-earners, and products valued at $90,680,478. In 1890 there were 14 establishments, 610 wage-earners, and products valued at $17,157,694. The increase in the value of products during the decade was $73,522,784, or 428.5 per cent. It is probable that the returns for 1890 did not include all the establishments in this industry and that, therefore, caution should be exercised in making comparisons between the two censuses.

Of the food products derived by manufacturing processes from imported materials the most important is sugar, and this is one of the principal industries of New York. In the Eighteenth century the process of refining sugar and molasses was exceedingly expensive, and in consequence these commodities were generally consumed in the raw state. The first sugar refinery to be established in the country was probably Rhinelander's in New York. In 1805 the house of Havemeyer was founded, also in New York, with four or five employees. Refined sugar early became the most important single product of the city, and by 1810 the production of the 10 refineries then in operation was 2,474,742 pounds of sugar, valued at $420,706.[2] Improvements in machinery were numerous down to 1860, and after the introduction of Soleil's polariscope in the United States in 1870, revolutionary improvements in process were accomplished. The result of this progress was to reduce the time required for refining sugar, and the cost—the former from two weeks to sixteen hours; and the latter, between 1838 and 1876, from 10 to 3 cents per pound. The refineries are necessarily located on the seaboard, as nearly all raw sugar is imported, and what is now Brooklyn borough has been for years the chief center of the industry. In 1900, as in 1890, there were also 2 beet sugar factories in the state.

There were 279 establishments engaged in the manufacture of liquors in 1900, with 7,730 wage-earners, and products valued at $58,282,253. In 1890 there were 249

[2] One Hundred Years of American Commerce, Vol. I, page 259.

establishments, 7,084 wage-earners, and products valued at $54,009,249. The increase in the value of products during the decade was $4,273,004, or 7.9 per cent.

The Dutch settlement of New Amsterdam had a good-sized brewery, built by the West India Company, as early as 1633, and there was one at the Dutch settlement of Fort Orange, now Albany, before 1637.[1] Both cities have since possessed famous breweries and New York has led all the states in this industry ever since statistics have been gathered. A century ago the product of New York distilleries was relatively large, and even in 1850 New York led all the states. But the corn-growing centers moved westward and the New York distilleries lost ground rapidly.

The wine industry, though still small, is making excellent progress, New York's percentage of growth during the decade having been larger than that of any other state. The state reached second rank in value of products, California alone preceding. In the manufacture of champagne New York led, having produced 113,435, or 67.1 per cent of the 169,055 gallons made in the United States. Its principal centers are the Keuka Lake region in Yates and Steuben counties.

There were 110 establishments engaged in slaughtering and meat packing in 1900, with 3,099 wage-earners, and products valued at $57,431,293. In 1890 there were 181 establishments, 3,744 wage-earners, and products valued at $76,642,151. The decrease in the value of products during the decade was $19,210,858, or 25.1 per cent.

There were 3,097 establishments engaged in the manufacture of tobacco in 1900, with 27,071 wage-earners, and products valued at $53,660,580. In 1890 there were 2,888 establishments, 30,299 wage-earners, and products valued at $51,853,976. The increase in the value of products during the decade was $1,806,604, or 3.5 per cent.

There were 2,274 establishments engaged in the manufacture of lumber in 1900, with 18,365 wage-earners, and products valued at $45,523,234. In 1890 there were 2,274 establishments, 27,160 wage-earners, and products valued at $50,925,720. The decrease in the value of products during the decade was $5,402,486, or 10.6 per cent. New York's lumber and timber industry has some notable features. The state ranks fifth among the states in number of establishments, twelfth in value of products, and eighth in value per thousand feet of rough lumber. The distribution of sawmills is general, but there are a large number in the counties of St. Lawrence, Franklin, and Herkimer in the Adirondack region, Saratoga in the eastern part of the state, and Chautauqua and Cattaraugus in the western part. In the boroughs of Manhattan and Bronx there are 6 sawmills at which mahogany, Spanish cedar, and rosewood are sawed.

There were 1,513 establishments engaged in flour and grist milling in 1900, with 2,489 wage-earners, and products valued at $42,796,340. In 1890 there were 1,235 establishments, 3,389 wage-earners, and products valued at $52,550,744. The decrease in the value of products during the decade was $9,754,404, or 18.6 per cent.

Flour milling had grown out of the stage of a domestic industry before the first settlers came to America. While each family may have woven its own cloth and made therefrom its supply of clothing, it bought its flour and meal of the village miller. It is recorded that in the same year in which Peter Minuit bought the Island of Manhattan, one of his fellow citizens set up a horsemill and it is said this was the first gristmill in America. Windmills and watermills were scattered along the Hudson wherever the Dutch settled. More interesting is the fact that even in the Seventeenth century, New York city was making flour for an export trade. It appears that Governor Andros in 1678 had granted to the city a monopoly of bolting flour for the province and when, in 1794, the General Assembly revoked this privilege, at the instance of the Long Islanders, a disturbance ensued.[2]

What is more to the purpose, the settlers were clearing the land of its forests and sowing it to wheat. When they reached the fertile Genesee Valley early in the Nineteenth century, the inevitable result was the development of a great milling industry at the natural center, the falls of the Genesee. There Rochester was laid out in 1812 and there were built the numerous mills that made Rochester the "Flour City." With the opening of the Erie Canal in 1825, the city's source of supply was extended; it received grain from Ohio and Canada, and in 1836, from the shores of Lake Michigan, and it sent its flour to Europe. The next twenty years was the palmy period of the milling industry in Rochester, Oswego, and other New York towns. But the West was building its own flour mills and western men were enterprising enough to study the new milling processes in Hungary. Minneapolis adopted and improved upon these methods soon after 1870, and in 1890 Minnesota crowded New York out of first rank in the flouring industry. In the last decade production in this state declined, and at the present time New York has only a few mills of large capacity, principally located in Buffalo, Niagara Falls, and New York city. Most of the 1,513 mills in New York state are scattered in the cities and villages and produce feed and flour for the local farmers. It is therefore custom grinding, as in the days of neighborhood industries.

There were 279 establishments engaged in the manufacture of chemical products in 1900, with 8,854 wage-earners, and products valued at $40,663,363. In 1890 there were 288 establishments, 8,720 wage-earners, and products valued at $41,338,134. The decrease in the value of products during the decade was $674,771, or 1.6 per cent.

There were 270 establishments engaged in the manufacture of men's furnishing goods in 1900, with 21,610 wage-earners, and products valued at $31,000,834. In 1890 there were 215 establishments, 11,671 wage-earners, and products valued at $14,379,970. The increase in the value

[1] History of American Manufactures, Vol. I, pages 250 and 254.

[2] History of American Manufactures, Vol. I, pages 119 and 133.

of products during the decade was $16,620,864, or 115.6 per cent.

Closely allied to the manufacture of men's furnishing goods is the manufacture of shirts. There were 324 establishments engaged in this industry in 1900, with 13,565 wage-earners, and products valued at $22,782,302. In 1890 there were 377 establishments, 17,948 wage-earners, and products valued at $17,483,958. The increase in the value of products during the decade was $5,298,344, or 30.3 per cent.

The principal center of the shirt, as well as of the collar and cuff industry of the United States is at Troy, and it is here that the manufacture originated. In 1827 the Rev. Ebenezer Brown, a retired preacher who had gone into the dry goods business in Troy, recognized a demand for detachable linen collars, and bargained with some women to make, wash, and iron string collars, which he put up in boxes of assorted sizes and sold to dealers as well as customers. But he removed from Troy in 1834, and in the same year the manufacture of linen collars and shirt bosoms ("dickeys") was begun as a separate business by Montague & Granger, who filled orders for Troy and New York.[1] In time the making of shirts for the wholesale trade developed as a distinct industry. It may be true, as William C. Browning, the veteran clothier, affirms, that the first shirt factory in America was founded in 1832 by the clothing merchants, David and Isaac N. Judson, at the corner of Cherry and Market streets, New York city, but for eight years theirs was the only shirt factory in the metropolis. The larger development was in Troy, where garments were cut and distributed to seamstresses for miles around, not only in Rensselaer and the neighboring counties, but even in Massachusetts and Vermont. At the present time, comparatively little work on shirts is done outside of the factories; but collars and cuffs are very generally sent to outside workers to be turned and pressed. The manufacture of linen cuffs began about 1845. In 1851 or 1852 Nathaniel Wheeler, of the Wheeler & Wilson Company, brought a sewing machine to Troy and exhibited it to the manufacturers. Most of them doubted its applicability to their business, but Jefferson Gardiner gave it a trial, which ultimately turned out successfully, and in 1855 O. W. Edison applied steam power to the machines. The industry was now firmly established and in the state census of that year gained recognition as a separate business; all the shirt, collar, and cuff factories reported were in Rensselaer county, Troy being the principal seat. In 1860 paper collars were put on the market and for several years had a large sale. Auxiliary industries have grown up around the shirt and collar industry of Troy and given the city a world-wide reputation, notably for its laundering processes and laundering machinery. Other articles known as men's furnishing goods—neckwear, suspenders, etc.—are made chiefly in New York city, the center of wealth and fashion.

[1] Troy's One Hundred Years, 1789–1889, by Arthur J. Weise, page 174.

There were 4 establishments engaged in the refining of petroleum in 1900, with 2,629 wage-earners, and products valued at $27,184,524. In 1890 there were 9 establishments, 3,096 wage-earners, and products valued at $25,786,841. The increase in the value of products during the decade was $1,397,683, or 5.4 per cent.

There were 179 establishments engaged in the manufacture of paper and wood pulp in 1900, with 9,268 wage-earners, and products valued at $26,715,628. In 1890 there were 153 establishments, 5,339 wage-earners, and products valued at $14,192,240. The increase in the value of products during the decade was $12,523,388, or 88.2 per cent. In 1900 New York led all the states in the aggregate value of its paper products, having taken the lead from Massachusetts during the decade. Of particular products it was first in news paper, wrapping paper, and other paper products, and first also in wood pulp, for which its fine forests furnished the best of materials.

There were 1,908 establishments engaged in the factory manufacture of cheese, butter, and condensed milk in 1900, with 2,439 wage-earners, and products valued at $26,557,888. In 1890 there were 1,308 establishments, 2,461 wage-earners, and products valued at $14,385,966. The increase in the value of products during the decade was $12,171,922, or 84.6 per cent. In the last ten years butter making has to a considerable extent departed from the farmhouse to the creamery or factory, while the manufacture of condensed milk in factories has greatly increased, so that the industry entitled "cheese, butter, and condensed milk," stands well up in the list of leading industries.

There were 223 establishments engaged in the factory manufacture of boots and shoes in 1900, with 15,796 wage-earners, and products valued at $25,585,631. In 1890 there were 257 establishments, 15,361 wage-earners, and products valued at $23,661,204. The increase in the value of products during the decade was $1,924,427, or 8.1 per cent.

There were 354 establishments engaged in the factory manufacture of furniture in 1900, with 14,481 wage-earners, and products valued at $23,643,245. In 1890 there were 415 establishments, 13,211 wage-earners, and products valued at $23,539,011. The increase in the value of products during the decade was $104,234, or four-tenths of 1 per cent.

There were 147 establishments engaged in the tanning, currying, and finishing of leather in 1900, with 6,530 wage-earners, and products valued at $23,205,991. In 1890 there were 210 establishments, 6,200 wage-earners, and products valued at $23,348,078. The decrease in the value of products during the decade was $142,087, or six-tenths of 1 per cent.

There were 134 establishments engaged in the manufacture of electrical apparatus and supplies in 1900, with 10,370 wage-earners, and products valued at $22,695,024. In 1890 there were 66 establishments, 3,890 wage-earners, and products valued at $8,189,180. The increase in the

value of products during the decade was $14,505,844, or 177.1 per cent.

There were 87 establishments engaged in the roasting and grinding of coffee and spice in 1900, with 1,541 wage-earners, and products valued at $22,470,856. In 1890 there were 70 establishments, 1,260 wage-earners, and products valued at $31,013,213. The decrease in the value of products during the decade was $8,542,357, or 27.5 per cent. The business of roasting coffee and grinding coffee and spices is a leading industry in the borough of Brooklyn. The investment of capital more than doubled in the recent decade, but as the price of coffee was virtually cut in two between 1890 and 1900 the value of the product has diminished. It is closely associated with the wholesale grocery trade, which is centered in New York city.

There were 393 establishments engaged in the manufacture of millinery and lace goods in 1900, with 11,274 wage-earners, and products valued at $21,037,782. In 1890 there were 165 establishments, 6,038 wage-earners, and products valued at $10,803,361. The increase in the value of products during the decade was $10,234,421, or 94.7 per cent.

There were 101 establishments engaged in the manufacture of gas in 1900, with 5,381 wage-earners, and products valued at $20,917,726. In 1890 there were 94 establishments, 3,970 wage-earners, and products valued at $18,716,683. The increase in the value of products during the decade was $2,201,043, or 11.8 per cent.

There were 858 establishments engaged in the manufacture of confectionery in 1900, with 7,230 wage-earners, and products valued at $18,842,148. In 1890 there were 657 establishments, 5,920 wage-earners, and products valued at $12,920,812. The increase in the value of products during the decade was $5,921,336, or 45.8 per cent.

There were 392 establishments engaged in the manufacture of patent medicines and compounds in 1900, with 2,885 wage-earners, and products valued at $17,075,937. In 1890 there were 227 establishments, 1,467 wage-earners, and products valued at $8,032,938. The increase in the value of products during the decade was $9,042,999, or 112.6 per cent.

There were 82 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 13,062 wage-earners, and products valued at $16,194,850. In 1890 there were 46 establishments, 8,585 wage-earners, and products valued at $9,046,025. The increase in the value of products during the decade was $7,148,825, or 79 per cent.

There were 560 establishments engaged in the manufacture of fur goods in 1900, with 4,454 wage-earners, and products valued at $15,828,996. In 1890 there were 281 establishments, 4,342 wage-earners, and products valued at $12,434,272. The increase in the value of products during the decade was $3,394,724, or 27.3 per cent.

There were 193 establishments engaged in the manufacture of musical instruments in 1900, with 7,244 wage-earners, and products valued at $15,509,839. In 1890 there were 211 establishments, 7,142 wage-earners, and products valued at $15,713,919. The decrease in the value of products during the decade was $204,080, or 1.3 per cent. Pianofortes were made in New York as far back as 1785,[1] when George Ulshoefer, a German musician, exhibited a pianoforte of his own make in the coffee room of the City Tavern. New York city has for years led all cities in the United States in the manufacture of pianos.

There were 30 establishments engaged in the manufacture of iron and steel in 1900, with 5,418 wage-earners, and products valued at $13,858,553. In 1890 there were 44 establishments, 6,848 wage-earners, and products valued at $15,849,537. The decrease in the value of products during the decade was $1,990,984, or 12.6 per cent.

As a colony New York attained less prominence in the iron industry than its neighbors to the east and south. The first iron works recorded by Bishop were the furnace and forge built by Philip Livingston upon the Livingston manor in Columbia county to utilize the ore of the Salisbury mine (of which he was one of the principal owners) just across the Connecticut line.[2] In 1850 a rich deposit of iron was found in Sterling Mountain in Orange county, near the New Jersey border, and this mine is worked at the present day. A blast furnace was at once erected near by, and, in 1751, a forge for the making of anchors. The first steel made in New York was produced at the Sterling works in 1776, and during the Revolution the iron was used for cannon, bar iron, etc. But its most famous product was the great chain which was forged there and then stretched across the Hudson at West Point to bar the passage of British ships. Other mines were opened and furnaces built in the Highlands, either in Orange county or the neighboring counties of Putnam and Dutchess, but it was not until after the Revolution that the far richer deposits in the Adirondacks were worked. The first iron works in that region were built in Essex county in 1801, and the mining of iron ore in New York became, especially after the construction of the Champlain Canal, a great industry. The ore extracted from the mines of the Adirondacks and Highlands was turned into pig iron by local blast furnaces,[3] and then shipped to the manufacturers of merchant bar iron, plates, rails, spikes, and steel. Troy was long the center of New York's iron and steel industry. In that city, in 1865, was established the second Bessemer steel works built in the United States.[4] And in 1875, upon the consolidation of 2 large establishments, it possessed probably the largest plant in the United States. The beginning of the great iron works and rolling mills in Troy and Albany may perhaps be traced to a nail factory erected in Albany in 1787; at any rate, nails were the principal product of the rolling mill built by Brinckerhoff in 1807, which afterwards became

[1] History of the American Pianoforte, by Daniel Spillane, page 70.

[2] History of American Manufactures, Vol. I, page 530.

[3] Report of Peter Townsend made in 1831 to the Secretary of the Treasury; in Executive Documents, Twenty-second Congress, first session, No. 308. Vol. II, pages 115-121.

[4] Tenth Census of the United States, Manufactures, folio 862.

the property of the Albany and Rensselaer Iron and Steel Company and finally of the Troy Steel Company. In the production of iron and steel New York held a high place until 1890. But with the decline of iron mining the production of pig iron has also fallen off, while the eastern manufacturers of iron and steel have steadily lost ground since coke became the most economical fuel. In 1860 and 1880 New York ranked third among the states in the production of iron ore, and in 1870 and at the census of 1890 fourth, although in 1890 the value of its product slightly exceeded that of Pennsylvania, which ranked third in production. But since then the competition of Lake Superior ore, produced at low cost, together with litigation among the mining companies of the state, have reduced the New York output to a seventh of what it was ten years ago. At the present time, however, a corporation capitalized at $40,000,000 is building an iron and steel plant at Buffalo, where bituminous coal and coke may be cheaply transported.

There were 893 establishments engaged in the manufacture of carriages and wagons in 1900, with 6,981 wage-earners, and products valued at $13,068,385. In 1890 there were 1,098 establishments, 9,776 wage-earners, and products valued at $16,803,241. The decrease in the value of products during the decade was $3,734,856, or 22.2 per cent.

There were 91 establishments engaged in the manufacture of soap and candles in 1900, with 2,020 wage-earners, and products valued at $12,833,645. In 1890 there were 101 establishments, 1,711 wage-earners, and products valued at $9,036,982. The increase in the value of products during the decade was $3,796,663, or 42 per cent.

There were 203 establishments engaged in the manufacture of ironwork, architectural and ornamental, in 1900, with 4,942 wage-earners, and products valued at $12,745,249. In 1890 there were 155 establishments, 4,018 wage-earners, and products valued at $8,386,281. The increase in the value of products during the decade was $4,358,968, or 52 per cent.

There were 111 establishments engaged in lithographing and engraving in 1900, with 6,335 wage-earners, and products valued at $11,062,856. In 1890 there were 94 establishments, 4,094 wage-earners, and products valued at $8,333,764. The increase in the value of products during the decade was $2,729,092, or 32.7 per cent. Electrotyping and photoengraving, although not invented in New York, have been most largely used there. New York wood and steel engravers are preeminent, and the finest quality of bank-note engraving is done in New York city. The first distinctive lithographing establishment in New York was started about 1830 as a branch of a Philadelphia house. The business has developed rapidly in recent years and has now become one of New York's leading industries. Buffalo has one of the largest show printing houses in the world.

There were 244 establishments engaged in the manufacture of gloves and mittens in 1900, with 9,889 wage-earners, and products valued at $10,835,898. In 1890 there were 212 establishments, 6,208 wage-earners, and products valued at $7,369,730. The increase in the value of products during the decade was $3,466,168, or 47 per cent. The glove industry is localized in the twin cities of Gloversville and Johnstown, in Fulton county, close to the Adirondacks, whence came formerly the supply of deerskin (buckskin). Kid and lamb skins are now made into glove leather by numerous tanneries in Fulton county.

There were 87 establishments engaged in the manufacture of agricultural implements in 1900, with 5,551 wage-earners, and products valued at $10,537,254. In 1890 there were 116 establishments, 5,620 wage-earners, and products valued at $11,680,842. The decrease in the value of products during the decade was $1,143,588, or 9.8 per cent.

The manufacture of agricultural implements is principally foundry and machine shop work and in the early part of the Nineteenth century was not specialized. New York's share in the development of the industry has always been an honorable one, as befits a great agricultural commonwealth. James Oliver perfected the chilled plow and built up a large business at Syracuse. The Pitts Brothers patented the first successful threshing machines in 1837,[1] and from Buffalo long supplied them to farmers throughout the country. Ketchum was the first to build distinctive mowing machines and they were likewise manufactured in Buffalo, while the famous Walter A. Wood mower, patented in the early fifties, is still made at Hoosick Falls. A great deal of Buffalo's western trade has passed to Ohio and Illinois competitors, but in the state as a whole the amount of capital invested and of wages paid in this industry has increased to the present day. The principal centers are Auburn, Syracuse, Hoosick Falls, Poughkeepsie, and Buffalo.

There were 250 establishments engaged in the manufacture of jewelry in 1900, with 3,022 wage-earners, and products valued at $10,244,624. In 1890 there were 195 establishments, 1,994 wage-earners, and products valued at $7,385,139. The increase in the value of products during the decade was $2,859,485, or 38.7 per cent.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Albany, Auburn, Binghamton, Buffalo, Cohoes, Elmira, Kingston, Newburg, New York (including sub-totals for the boroughs of Brooklyn, Manhattan and Bronx, Queens, and Richmond), Oswego, Poughkeepsie, Rochester, Syracuse, Troy, Utica, and Yonkers as returned at the censuses of 1890 and 1900, with the percentages of increase.

[1] One Hundred Years of American Commerce, Vol. II, pages 353 and 355.

TABLE 4.—COMPARATIVE SUMMARY, ALBANY, AUBURN, BINGHAMTON, BUFFALO, COHOES, ELMIRA, KINGSTON, NEWBURG, NEW YORK, OSWEGO, POUGHKEEPSIE, ROCHESTER, SYRACUSE, TROY, UTICA, AND YONKERS, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
The State	1900	78,658	$1,651,210,220	849,056	$408,855,652	$221,886,271	$1,143,791,776	$2,175,726,900
	1890	65,810	1,130,161,195	752,066	370,380,559	122,042,219	871,264,085	1,711,577,671
Per cent of increase		19.5	46.1	12.9	10.4	81.8	31.3	27.1
Albany	1900	1,566	21,328,764	12,389	6,111,059	2,383,917	11,121,501	24,992,021
	1890	1,305	17,270,705	13,011	6,191,299	1,909,304	11,773,241	25,531,486
Per cent of increase		20.0	23.5	[1] 4.8	[1] 1.3	24.9	[1] 5.5	[1] 2.1
Auburn	1900	316	12,810,363	6,530	2,706,948	644,549	5,630,925	10,591,109
	1890	258	11,123,238	5,721	2,220,669	1,399,705	3,783,971	9,634,785
Per cent of increase		22.5	15.2	14.1	21.9	[1] 54.0	48.8	9.9
Binghamton	1900	594	9,295,859	6,106	2,461,084	1,040,419	6,339,365	12,638,547
	1890	704	9,058,651	9,178	3,507,184	907,357	7,659,007	15,040,152
Per cent of increase		[1] 15.6	2.6	[1] 33.5	[1] 29.8	14.7	[1] 17.2	[1] 16.0
Buffalo	1900	3,902	103,939,655	43,422	19,915,817	9,559,245	73,359,466	122,230,061
	1890	3,565	70,707,145	45,911	20,567,769	7,489,363	54,120,611	100,052,208
Per cent of increase		9.5	47.0	[1] 5.4	[1] 3.2	27.6	35.5	22.2
Cohoes	1900	316	11,316,482	8,673	3,140,668	653,130	6,120,342	11,636,130
	1890	212	11,275,137	8,641	2,881,923	741,435	5,739,987	10,836,260
Per cent of increase		49.1	0.4	0.4	9.0	[1] 11.9	6.6	7.4
Elmira	1900	362	7,365,534	4,914	1,965,056	486,960	4,961,635	8,558,786
	1890	539	6,895,180	4,332	1,874,565	538,070	4,593,241	8,844,936
Per cent of increase		[1] 32.8	6.8	13.4	4.8	[1] 9.5	8.0	[1] 3.2
Kingston	1900	344	3,657,551	2,685	1,245,557	327,143	2,560,822	5,280,478
	1890	198	3,251,835	2,238	929,678	323,553	1,730,637	4,009,574
Per cent of increase		73.7	12.5	20.0	34.0	1.1	48.0	31.7
Newburg	1900	253	5,214,536	3,926	1,665,177	354,456	3,123,590	6,497,088
	1890	287	5,773,354	4,096	1,741,476	472,773	3,521,078	6,964,287
Per cent of increase		[1] 11.8	[1] 9.7	[1] 4.2	[1] 4.4	[1] 25.0	[1] 11.3	[1] 6.7
New York:								
Total	1900	39,776	921,876,081	462,763	245,021,881	163,170,343	709,109,412	1,371,358,468
	1890	37,163	622,982,074	415,552	236,250,857	78,455,897	538,596,570	1,084,850,236
Per cent of increase		7.0	48.0	11.4	3.7	108.0	31.7	26.4
Brooklyn	1900	10,713	271,375,301	100,881	51,107,604	25,778,955	213,474,921	342,127,124
	1890	10,623	163,887,204	94,660	51,235,463	15,797,608	151,789,433	270,823,754
Per cent of increase		0.8	65.6	6.6	[1] 0.2	63.2	40.6	26.3
Manhattan and Bronx	1900	27,168	608,661,810	344,054	184,602,095	131,879,774	463,795,294	975,168,202
	1890	25,403	426,118,272	309,144	178,409,209	59,991,710	366,422,722	777,222,721
Per cent of increase		6.9	42.8	11.3	3.5	119.8	26.6	25.5
Queens	1900	1,292	30,271,787	11,836	6,158,656	3,782,132	24,262,945	38,093,141
	1890	575	19,899,700	7,393	4,188,864	1,313,014	14,591,019	24,472,900
Per cent of increase		124.7	52.1	60.1	47.0	188.0	66.3	55.7
Richmond	1900	603	11,567,183	5,992	3,153,526	1,729,482	7,576,252	15,970,001
	1890	562	13,076,898	4,355	2,417,321	1,353,565	5,793,396	12,330,861
Per cent of increase		7.3	[1] 11.5	37.6	30.5	27.8	30.8	29.5
Oswego	1900	207	7,322,907	3,845	1,543,905	667,109	4,611,975	8,137,950
	1890	249	6,254,200	2,967	1,102,352	684,969	4,604,096	7,482,378
Per cent of increase		[1] 16.9	17.1	29.6	40.1	[1] 2.6	0.2	8.8
Poughkeepsie	1900	377	5,688,058	3,432	1,583,268	411,495	3,475,100	6,826,769
	1890	303	4,850,650	3,328	1,495,796	311,022	3,200,593	6,254,132
Per cent of increase		24.4	17.3	3.1	5.8	32.3	8.6	9.2
Rochester	1900	2,616	49,086,212	33,408	13,832,122	9,143,154	32,082,063	69,129,820
	1890	1,892	46,301,058	28,962	13,144,957	5,613,852	33,320,398	65,091,156
Per cent of increase		38.3	6.0	15.4	5.2	62.9	[1] 3.7	6.2
Syracuse	1900	1,383	31,358,055	14,917	6,735,177	3,428,671	14,771,128	31,948,055
	1890	1,246	22,853,424	15,570	6,733,010	2,689,781	14,104,504	29,297,241
Per cent of increase		11.0	37.2	[1] 4.2	(2)	27.5	4.7	9.0
Troy	1900	662	23,531,622	21,564	8,571,923	2,350,664	11,291,740	28,209,259
	1890	840	24,030,753	23,901	8,291,580	2,837,802	13,150,156	29,248,750
Per cent of increase		[1] 21.2	[1] 2.1	[1] 9.8	3.4	[1] 17.2	[1] 14.1	[1] 3.6
Utica	1900	733	19,289,502	10,759	4,148,415	2,133,972	9,405,370	19,550,850
	1890	565	14,332,510	11,627	3,418,614	992,294	7,790,766	15,615,715
Per cent of increase		29.7	34.6	[1] 7.5	21.3	115.1	20.7	25.2
Yonkers	1900	387	13,097,205	8,615	3,888,892	1,059,522	10,555,218	19,580,324
	1890	628	10,989,789	10,443	5,073,977	819,340	10,995,699	21,319,017
Per cent of increase		[1] 38.4	19.2	[1] 17.5	[1] 23.4	29.3	[1] 4.0	[1] 8.2
Total for 16 cities	1900	53,794	1,246,178,386	647,948	324,536,949	197,814,749	908,519,652	1,757,165,715
	1890	49,954	887,949,703	605,478	315,425,706	106,186,517	718,684,555	1,440,072,313
Per cent of increase		7.7	40.3	7.0	2.9	86.3	26.4	22.0
Per cent of 16 cities to total for state	1900	68.4	75.5	76.3	79.4	89.2	79.4	80.8
	1890	75.9	78.6	80.5	85.2	87.0	82.5	84.1

[1] Decrease.

[2] Less than one-tenth of 1 per cent.

It appears from Table 4 that there has been a considerable increase during the past decade in the combined manufactures of these 16 cities. The number of establishments increased from 49,954 to 53,794, or 7.7 per cent; the average number of wage-earners, from 605,478 to 647,948, or 7 per cent; and the value of products from $1,440,072,313 to $1,757,165,715, or 22 per cent. The percentage of increase in all these particulars was smaller in these 16 cities than in the state as a whole. The proportionate production of the 16 cities in the state's total has declined since 1890. This is due to the development of industrial cities and villages not included in Table 4, but included in Table 5, notably Niagara Falls, which doubled its population from 1890 to 1900; Schenectady, the seat of the General Electric Company's large plant, and also of a branch of the American Locomotive Company; Jamestown, a center for worsted goods and furniture; and Lestershire, a suburb of Binghamton. The city of Kingston shows the most rapid growth, the value of products having increased from $4,009,574 to $5,280,478, or 31.7 per cent. In New York, the leading city, the number of establishments increased from 37,163 to 39,776, or 7 per cent; the average number of wage-earners from 415,552 to 462,763, or 11.4 per cent; and the value of products from $1,084,850,236 to $1,371,358,468, or 26.4 per cent. The number of establishments, number of wage-earners, and value of products in this city in 1900, constituted 50.6, 54.5, and 63 per cent, respectively, of the totals for the state.

The leading manufacturing industries of New York city in the order of their importance were: Clothing, men's, factory product; clothing, women's, factory product; sugar and molasses, refining; printing and publishing, newspapers and periodicals; foundry and machine shop products; liquors, malt; tobacco, cigars and cigarettes; slaughtering, wholesale, not including meat packing; printing and publishing, book and job; petroleum, refining.

In Buffalo, the city second in rank, the leading manufacturing industries were: Slaughtering and meat packing, wholesale; copper, smelting and refining; foundry and machine shop products; oil, linseed; cars and general shop construction and repairs by steam railroad companies; liquors, malt; soap and candles; flouring and grist mill products; lumber, planing mill products; clothing, men's, factory product; iron and steel.

In Rochester, the city third in rank, the leading manufacturing industries were: Clothing, men's, factory product; boots and shoes, factory product; foundry and machine shop products; tobacco, cigars and cigarettes; flouring and grist mill products; liquors, malt; photographic apparatus and materials; optical goods.

In Syracuse, the city fourth in rank, the leading manufacturing industries were: Clothing, men's, factory product; foundry and machine shop products; iron and steel; liquors, malt; iron and steel, pipe, wrought; typewriter supplies; boots and shoes, factory product; agricultural implements; flouring and grist mill products; furniture, factory product.

In Troy, the city fifth in rank, the leading manufacturing industries were: Furnishing goods, men's; shirts; iron and steel; foundry and machine shop products: liquors, malt; hosiery and knit goods; paper and wood pulp; printing and publishing, newspapers and periodicals; flouring and grist mill products.

In Albany, the city sixth in rank, the leading manufacturing industries were: Cars and general shop construction and repairs by street railroad companies; liquors, malt; printing and publishing, book and job; chemicals; tobacco, cigars and cigarettes; paper goods, not elsewhere specified; gas machines and meters; slaughtering and meat packing, wholesale.

In Yonkers, the city seventh in rank, the leading manufacturing industries were: Carpets and rugs, other than rag; fur hats; sugar and molasses, refining; foundry and machine shop products; patent medicines and compounds; electrical apparatus and supplies; photographic materials.

In Utica, the city eighth in rank, the leading manufacturing industries were: Cotton goods; clothing, men's, factory product; hosiery and knit goods; steam fittings and heating apparatus; foundry and machine shop products; liquors, malt; lumber, planing mill products.

In Binghamton, the city ninth in rank, the leading manufacturing industries were: Tobacco, cigars and cigarettes; flouring and grist mill products; clothing, men's, factory product; patent medicines and compounds; lumber, planing mill products; furniture, factory product.

In Cohoes, the city tenth in rank, the leading manufacturing industries were: Hosiery and knit goods; cotton goods; iron and steel, pipe, wrought; shirts; iron and steel; house furnishing goods, not elsewhere specified.

In Auburn, which ranks eleventh in Table 4, but which is the city twelfth in rank in the state, the leading manufacturing industries were: Agricultural implements; boots and shoes, factory product; foundry and machine shop products; cordage and twine; woolen goods.

In Elmira, which ranks twelfth in Table 4, but which is the city sixteenth in rank in the state, the leading manufacturing industries were: Lumber, planing mill products; bridges; cars and general shop construction and repairs by steam railroad companies; hosiery and knit goods; tobacco, stemming and rehandling; iron and steel.

In Oswego, which ranks thirteenth in Table 4, but which is the city eighteenth in rank in the state, the leading manufacturing industries were: Boxes, wooden packing; matches; hosiery and knit goods; starch; malt; cars and general shop construction and repairs by steam railroad companies.

In Poughkeepsie, which ranks fourteenth in Table 4, but which is the city twentieth in rank in the state, the leading manufacturing industries were: Iron and steel; clothing, men's, factory product; agricultural implements; foundry and machine shop products; glass; patent medicines and compounds.

In Newburg, which ranks fifteenth in Table 4, but which is the city twenty-second in rank in the state, the leading

manufacturing industries were: Clothing, men's, factory product; foundry and machine shop products; fur hats; shipbuilding, iron and steel; lime and cement; silk and silk goods.

In Kingston, which ranks sixteenth in Table 4, but which is the city twenty-eighth in rank in the state, the leading manufacturing industries were: Cars, street railroad, not including operations of railroad companies; lumber, planing mill products; lime and cement; shirts.

Table 5 presents the totals for the manufacturing industries of the 106 cities and villages withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and villages, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	PRODUCTS.			POPULATION.		
				Average number.	Total wages.			Value.	Rank.	Per cent of total.	Total.	Rank.	Per cent of total.
Total for state	78,658	$1,651,210,220	88,754	849,056	$408,855,652	$221,886,271	$1,143,791,776	$2,175,726,900	-------	100.0	[1] 7,263,110	-------	100.0
Total for urban manufactures	62,567	1,448,918,767	71,124	761,580	372,395,505	211,104,014	1,027,414,814	1,975,039,088	-------	90.8	5,214,768	-------	71.8
Albany	1,566	21,328,761	1,703	12,389	6,111,059	2,383,917	11,121,501	24,992,021	6	1.2	94,151	5	1.3
Albion	58	352,261	68	235	87,245	14,802	203,695	405,774	100	(2)	4,477	69	0.1
Amsterdam	213	10,119,879	257	6,769	2,680,359	584,019	6,424,315	11,502,316	11	0.5	20,929	20	0.3
Athens	16	236,610	20	256	101,207	3,845	178,777	354,540	101	(2)	2,171	100	(2)
Auburn	316	12,810,363	355	6,530	2,706,948	644,549	5,630,925	10,591,109	12	0.5	30,345	12	0.4
Baldwinsville	55	821,470	54	349	163,976	69,891	628,762	1,085,262	74	0.1	2,992	91	(2)
Ballston Spa	62	3,415,471	65	992	439,183	87,250	2,107,160	3,075,836	37	0.1	3,923	78	0.1
Batavia	126	3,532,968	133	1,773	753,494	219,002	1,425,436	2,993,297	39	0.1	9,180	43	0.1
Binghamton	594	9,295,859	663	6,106	2,461,084	1,040,419	6,339,365	12,638,547	9	0.6	39,647	9	0.5
Brockport	39	528,469	48	400	134,792	75,433	480,284	816,208	84	(2)	3,398	85	(2)
Buffalo	3,902	103,939,655	4,280	43,422	19,915,817	9,559,245	73,359,466	122,230,061	2	5.6	352,387	2	4.9
Canandaigua	86	1,338,169	97	579	254,701	267,964	789,719	1,514,576	64	0.1	6,151	54	0.1
Canastota	52	768,521	56	468	194,262	37,779	463,604	890,365	82	(2)	3,030	90	(2)
Catskill	75	1,579,609	88	903	376,644	74,116	495,860	1,196,543	72	0.1	5,484	60	0.1
Clyde	46	533,305	52	222	97,658	22,441	352,998	557,169	93	(2)	2,507	94	(2)
Cohoes	316	11,316,482	327	8,673	3,140,668	653,130	6,120,342	11,636,130	10	0.5	23,910	16	0.3
Corinth	23	71,930	28	67	22,411	3,225	40,047	81,722	105	(2)	2,039	101	(2)
Corning	138	2,212,109	154	1,965	870,770	109,733	1,429,473	3,061,172	38	0.1	11,061	35	0.2
Cortland	118	2,857,094	130	1,629	715,749	128,044	1,973,877	3,456,262	34	0.2	9,014	45	0.1
Coxsackie	36	499,385	40	353	170,684	40,128	233,367	559,854	92	(2)	2,735	93	(2)
Dansville	78	446,469	92	253	87,944	38,204	246,940	490,007	96	(2)	3,633	81	0.1
Dunkirk	86	4,226,495	89	2,615	1,374,017	324,324	3,084,197	5,393,053	27	0.3	11,616	34	0.2
Ellenville	59	353,768	77	248	88,338	27,767	211,167	413,078	99	(2)	2,879	92	(2)
Elmira	362	7,365,534	392	4,914	1,965,056	486,960	4,961,635	8,558,786	16	0.4	35,672	10	0.5
Fairport	33	352,871	31	212	76,064	14,599	205,328	434,683	98	(2)	2,489	95	(2)
Fishkill Landing [3]	38	721,829	41	436	215,324	40,570	361,909	681,038	86	(2)	3,673	80	0.1
Fort Plain	44	457,257	42	321	105,825	19,889	263,494	497,154	95	(2)	2,444	96	(2)
Fredonia	41	514,975	50	210	68,363	34,789	217,440	462,455	97	(2)	4,127	77	0.1
Fulton	68	1,910,181	74	730	301,017	118,084	905,316	1,607,954	61	0.1	5,281	61	0.1
Geneva	161	2,617,661	169	1,586	689,101	235,472	1,913,634	3,366,806	35	0.2	10,433	36	0.1
Glens Falls	162	4,474,907	203	3,280	1,033,416	290,980	2,230,408	4,571,253	29	0.2	12,613	30	0.2
Gloversville	312	5,740,327	403	8,111	2,536,853	271,152	5,518,391	9,647,167	14	0.4	18,349	22	0.3
Green Island	46	2,472,997	50	933	470,980	105,568	1,029,273	1,992,098	55	0.1	4,770	54	0.1
Hadley	6	101,297	7	72	24,578	1,527	32,018	75,822	106	(2)	914	104	(2)
Haverstraw	110	1,306,235	131	1,174	510,864	177,327	405,601	1,366,158	66	0.1	5,935	55	0.1
Herkimer	73	1,836,979	79	1,344	515,627	159,725	940,818	2,053,605	52	0.1	5,555	59	0.1
Homer	36	495,611	42	280	108,274	16,750	275,992	622,890	88	(2)	2,381	99	(2)
Hoosick Falls	57	3,070,843	58	1,405	669,893	200,366	1,031,421	2,734,861	44	0.1	5,671	58	0.1
Hornellsville	154	1,952,072	187	1,757	680,974	174,055	1,515,287	2,873,670	43	0.1	11,918	33	0.2
Hudson	144	2,357,304	158	1,403	591,430	365,163	1,495,636	3,096,759	36	0.1	9,528	40	0.1
Ilion	47	2,172,209	57	1,946	1,185,975	230,485	564,422	2,944,655	42	0.1	5,138	62	0.1
Ithaca	194	2,998,057	231	1,286	631,984	149,945	1,114,845	2,535,151	46	0.1	13,136	28	0.2
Jamestown	178	8,552,470	214	4,685	1,800,192	583,097	4,096,302	8,218,922	17	0.4	22,892	17	0.3
Johnstown	214	3,695,819	293	3,884	1,248,587	300,845	3,130,043	5,480,072	26	0.3	10,130	39	0.1
Kingston	344	3,657,551	368	2,685	1,245,557	327,143	2,560,822	5,280,478	28	0.2	24,535	14	0.3
Lansingburg	127	2,957,650	155	2,940	1,128,803	340,563	1,598,204	3,778,277	33	0.2	12,595	31	0.2
Leroy	62	1,955,988	59	430	158,232	262,162	497,716	1,137,210	73	0.1	3,144	87	(2)
Lestershire	40	1,577,367	39	1,891	712,333	115,039	2,941,777	3,964,112	31	0.2	3,111	88	(2)
Little Falls	124	4,020,573	147	3,112	1,125,777	298,162	2,361,593	4,364,994	30	0.2	10,381	37	0.1
Lockport	243	6,250,709	284	2,699	1,217,672	398,660	3,327,109	5,887,905	25	0.3	16,581	23	0.2
Lyons	80	713,840	93	288	119,395	45,061	546,390	881,939	83	(2)	4,300	73	0.1
Malone	116	593,853	136	508	201,364	32,610	581,929	985,797	77	0.1	5,935	55	0.1
Matteawan	43	1,119,745	42	785	322,633	77,365	613,749	1,224,025	71	0.1	5,807	56	0.1
Mechanicsville	66	2,652,410	80	1,150	505,732	261,641	1,014,400	2,186,005	49	0.1	4,695	66	0.1
Medina	54	786,744	63	568	217,835	31,675	510,854	1,032,632	75	0.1	4,716	65	0.1
Middletown	108	2,060,834	125	1,553	650,123	97,252	1,443,489	2,426,001	47	0.1	14,522	26	0.2
Mt. Morris	51	341,799	58	247	76,412	25,711	313,038	510,129	94	(2)	2,410	98	(2)
Newark	77	555,332	98	361	123,893	51,418	517,257	900,974	81	(2)	4,578	68	0.1
Newburg	253	5,214,536	266	3,926	1,665,177	354,456	3,123,590	6,497,088	22	0.3	24,943	13	0.3
New Rochelle	131	3,837,269	140	715	457,658	118,898	838,829	1,811,332	56	0.1	14,720	25	0.2
New York	39,776	921,876,081	45,922	462,763	245,021,881	163,170,343	709,109,412	1,371,358,468	1	63.0	3,437,202	1	47.3
Niagara Falls	265	14,821,819	255	3,518	1,690,195	862,125	5,511,437	9,909,228	13	0.5	19,457	21	0.3
North Tonawanda	75	5,026,841	73	1,718	786,639	282,107	4,321,875	6,445,836	23	0.3	9,069	44	0.1
Norwich	109	1,308,683	117	799	330,166	115,134	801,821	1,556,696	63	0.1	5,766	57	0.1
Nyack	88	796,587	92	719	364,533	85,233	661,966	1,321,237	68	0.1	4,275	74	0.1

[1] Exclusive of 5,784 Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[2] Less than one-tenth of 1 per cent.
[3] Given as Fishkill-on-Hudson in 1890.

TABLE 5.—URBAN MANUFACTURES—Continued.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	PRODUCTS. Value.	PRODUCTS. Rank.	PRODUCTS. Per cent of total.	POPULATION. Total.	POPULATION. Rank.	POPULATION. Per cent of total.
Ogdensburg	197	$1,855,116	207	1,052	$404,955	$103,096	$1,661,759	$2,668,952	45	0.1	12,633	29	0.2
Olean	152	5,915,740	167	2,011	935,932	274,447	5,009,818	6,624,390	21	0.3	9,462	41	0.1
Oneida	104	1,301,431	121	790	336,266	149,576	842,851	1,613,572	60	0.1	6,364	53	0.1
Oneonta	111	1,892,250	123	887	397,815	118,861	1,308,549	2,118,452	50	0.1	7,147	51	0.1
Ossining[1]	137	1,357,816	156	892	445,238	166,229	884,942	2,068,458	51	0.1	7,939	47	0.1
Oswego	207	7,322,907	215	3,845	1,543,905	667,109	4,611,975	8,137,950	18	0.4	22,199	18	0.1
Owego	82	1,023,961	94	402	183,524	38,602	780,769	1,261,161	69	0.1	5,039	63	0.1
Peekskill	153	1,712,335	171	1,524	751,833	121,718	1,024,282	2,339,370	48	0.1	10,358	38	0.1
Penn Yan	84	822,142	103	382	129,889	49,975	542,395	915,542	80	(2)	4,650	67	0.1
Plattsburg	131	2,210,045	139	852	306,284	102,839	716,467	1,455,150	65	0.1	8,434	46	0.1
Port Chester	79	3,024,814	81	1,569	646,202	64,231	2,700,829	3,840,732	32	0.2	7,440	49	0.1
Port Jervis	83	654,472	87	977	392,054	57,033	602,107	1,237,286	70	0.1	9,385	42	0.1
Poughkeepsie	377	5,688,058	426	3,432	1,583,268	411,495	3,475,100	6,826,769	20	0.3	24,029	15	0.3
Rensselaer[3]	53	711,031	59	502	252,227	47,564	447,655	920,973	79	(2)	7,466	48	0.1
Rochester	2,616	49,086,212	2,832	33,408	13,832,122	9,143,154	32,082,063	69,129,820	3	3.2	162,608	3	2.2
Rome	196	3,738,051	204	2,653	1,014,352	299,978	3,722,764	6,093,544	24	0.3	15,343	24	0.2
Salamanca	62	1,867,289	65	419	188,656	55,301	1,302,662	1,764,476	58	0.1	4,251	76	0.1
Sandy Hill	50	3,999,674	54	939	437,904	218,207	1,663,816	2,974,025	40	0.1	4,473	70	0.1
Saratoga Springs	170	1,863,526	176	939	369,876	143,770	980,895	2,006,259	53	0.1	12,409	32	0.2
Saugerties	117	1,202,299	146	580	264,614	78,090	717,539	1,352,114	67	0.1	3,697	79	0.1
Schenectady	388	6,517,864	412	4,431	2,527,352	635,955	4,953,662	9,288,387	15	0.4	31,682	11	0.4
Seneca Falls	65	2,422,256	52	1,365	611,630	136,941	840,702	1,992,115	54	0.1	6,519	52	0.1
Silver Creek	27	626,396	27	298	146,716	53,930	217,842	563,662	91	(2)	1,944	103	(2)
Solvay	8	214,116	7	99	59,153	39,147	112,215	237,514	104	(2)	3,493	84	0.1
South Glens Falls	7	316,085	9	144	63,402	10,216	169,537	267,077	103	(2)	2,025	102	(2)
Syracuse	1,383	31,358,055	1,514	14,917	6,735,177	3,428,671	14,771,128	31,948,055	4	1.5	108,374	4	1.5
Tarrytown	77	467,707	81	375	207,453	35,930	327,008	719,020	85	(2)	4,770	64	0.1
Tonawanda	60	1,540,789	60	398	158,851	40,382	1,227,349	1,676,280	59	0.1	7,421	50	0.1
Troy	662	23,531,622	785	21,564	8,571,923	2,350,664	11,291,740	28,209,259	5	1.3	[4]60,651	5	0.8
Utica	733	19,289,502	842	10,759	4,148,415	2,133,972	9,405,370	19,550,850	8	0.9	56,383	7	0.8
Wappingers Falls	31	1,947,381	33	944	448,815	23,858	450,623	972,838	78	(2)	3,504	83	(2)
Warsaw	48	3,285,826	44	329	131,611	61,757	296,820	631,627	89	(2)	3,048	89	(2)
Waterford	58	2,593,021	68	1,921	773,786	152,450	1,544,719	2,966,060	41	0.1	3,146	86	(2)
Waterloo	36	1,644,687	39	736	305,648	141,272	907,222	1,580,395	62	0.1	4,256	75	0.1
Watertown	289	8,281,845	302	3,760	1,821,477	455,916	4,152,344	7,881,977	19	0.4	21,696	19	0.3
Watervliet[5]	135	1,826,691	136	1,167	460,352	154,118	849,934	1,809,241	57	0.1	14,321	27	0.2
Waverly	90	477,724	98	295	112,332	40,780	359,246	656,784	87	(2)	4,465	71	0.1
Wellsville	64	1,344,438	85	351	131,835	36,285	668,283	1,017,515	76	0.1	3,556	82	(2)
Westfield	39	364,409	37	114	46,556	29,294	136,444	326,918	102	(2)	2,430	97	(2)
Whitehall	47	643,228	53	403	125,816	37,346	320,424	596,971	90	(2)	4,377	72	0.1
Yonkers	387	13,097,205	404	8,615	3,888,892	1,059,522	10,555,218	19,580,324	7	0.9	47,931	8	0.7
Total for state exclusive of urban manufactures	16,091	202,291,453	17,630	87,476	36,460,147	10,782,257	116,376,962	200,687,812	-------	9.2	2,048,342	-------	28.2
Per cent of urban manufactures to total for state	79.6	87.7	80.1	89.7	91.1	95.1	89.8	90.8	-------	-------	71.8	-------	-------

[1] Given as Sing Sing in 1890.
[2] Less than one-tenth of 1 per cent.
[3] Given as Greenbush in 1890.
[4] By the act of February 6, 1900, parts of the towns of Brunswick, Lansingburg, and North Greenbush were annexed to the city of Troy, but this act did not become effective until January 1, 1901. Including this annexed territory, the population of Troy in June, 1900, was 75,057.
[5] Given as West Troy in 1890.

Of the 78,658 establishments in the state, 62,567, or 79.6 per cent, were located in these 106 cities and villages. They furnished employment to 761,580 wage-earners, or 89.7 per cent of the total number, and the value of their products, $1,975,039,088, formed 90.8 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Albany, Amsterdam, Auburn, Binghamton, Buffalo, Cohoes, Elmira, Jamestown, Kingston, Newburg, Greater New York (also the boroughs of Brooklyn, and Manhattan and Bronx), Oswego, Poughkeepsie, Rochester, Schenectady, Syracuse, Troy, Utica, Watertown, and Yonkers, by specified industries.

Table 9 shows the totals for the cities and villages withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
	The State	78,658	$1,651,210,220	$175,204,215	$216,970,426	$385,789,387	$873,246,192	88,754	74,480	$82,075,648	849,056	$408,855,652
2	Albany	2,251	39,133,293	3,211,757	7,236,825	9,591,313	19,093,398	2,427	1,350	1,523,001	24,528	10,767,392
3	Allegany	447	3,122,637	275,004	500,355	806,986	1,540,292	522	106	94,011	1,184	454,836
4	Broome	868	12,550,516	861,441	1,520,714	3,488,614	6,679,747	948	620	556,274	8,518	3,392,605
5	Cattaraugus	691	13,787,844	903,939	1,571,572	2,752,125	8,560,208	750	299	243,595	4,648	2,006,522
6	Cayuga	615	13,965,545	684,705	1,899,610	1,985,533	9,395,697	704	374	348,996	6,940	2,861,402
7	Chautauqua	781	16,740,821	1,226,465	2,311,871	3,747,018	9,455,467	904	711	765,661	9,320	3,934,987
8	Chemung	466	8,922,688	608,501	1,213,733	2,240,799	4,859,655	497	370	337,064	5,590	2,251,986
9	Chenango	460	2,491,161	137,140	437,715	699,876	1,216,430	486	124	103,446	1,501	607,171
10	Clinton	339	4,664,229	707,751	950,071	1,109,961	1,896,446	371	127	145,315	2,143	753,309
11	Columbia	392	7,592,208	770,839	1,228,152	1,826,629	3,766,588	415	230	222,867	4,211	1,630,564
12	Cortland	301	4,373,458	299,594	720,512	960,419	2,392,933	340	176	171,653	2,332	989,179
13	Delaware	418	3,026,809	409,464	568,270	947,031	1,102,044	445	105	105,189	1,310	537,023
14	Dutchess	769	11,470,138	727,942	1,951,318	2,829,504	5,961,374	848	351	480,913	6,987	3,214,243
15	Erie	4,492	116,397,404	12,655,725	18,042,579	34,368,404	51,330,696	4,920	4,455	3,961,107	48,331	22,167,406
16	Essex	190	5,090,566	1,076,533	890,334	1,365,467	1,758,232	191	101	118,009	1,525	622,490
17	Franklin	361	5,762,802	3,200,524	409,693	594,607	1,557,978	405	84	55,462	1,519	607,412
18	Fulton	655	10,601,175	517,770	924,695	1,542,968	7,615,742	856	409	384,928	13,029	4,104,439
19	Genesee	321	6,047,584	470,035	1,107,571	1,026,741	3,443,237	342	369	288,535	2,453	1,001,642
20	Greene	321	2,788,161	348,123	685,191	811,651	943,196	360	80	72,721	1,707	727,514
21	Hamilton	27	96,788	17,935	15,075	26,860	36,918	36			30	9,021
22	Herkimer	529	11,201,228	868,366	1,754,292	2,764,051	5,814,519	562	293	342,380	7,908	3,416,735
23	Jefferson	903	12,773,758	1,517,618	2,019,023	3,750,417	5,486,700	974	403	392,384	5,436	2,514,606
24	Kings	10,713	271,375,301	31,640,913	40,350,331	61,067,106	138,316,951	11,708	7,332	9,389,992	100,881	51,107,604
25	Lewis	336	3,878,282	835,015	539,080	851,090	1,653,097	364	69	89,872	1,129	437,233
26	Livingston	351	8,945,950	5,262,244	1,213,744	909,424	1,560,538	407	82	99,126	1,194	455,879
27	Madison	456	3,811,183	233,916	651,730	776,702	2,148,835	501	187	157,704	2,092	827,588
28	Monroe	2,986	53,459,730	3,941,871	6,752,727	12,091,904	30,673,228	3,228	3,466	3,447,762	35,687	14,684,088
29	Montgomery	456	13,304,642	795,656	1,776,271	3,400,572	7,332,143	504	305	321,767	8,864	3,464,863
30	Nassau	321	3,433,224	726,253	817,274	766,378	1,123,319	349	50	55,891	1,675	767,112
31	New York	27,168	608,661,810	61,263,277	54,918,159	136,700,098	355,780,276	32,242	39,428	44,575,510	344,054	184,602,095
32	Niagara	772	27,056,914	1,954,000	3,686,242	6,181,229	15,235,443	824	811	830,945	8,617	3,915,109
33	Oneida	1,521	33,079,437	1,748,772	5,068,063	9,113,087	17,149,515	1,684	1,270	1,191,197	18,860	7,046,825
34	Onondaga	1,863	43,551,892	3,914,672	8,466,735	12,353,249	18,817,236	2,021	1,798	1,845,857	20,085	9,011,848
35	Ontario	474	5,779,564	312,118	812,365	1,094,438	3,560,643	517	281	271,163	2,871	1,201,592
36	Orange	890	13,955,179	1,896,186	2,545,263	3,503,230	6,010,500	942	570	583,999	9,754	4,031,548
37	Orleans	317	1,766,717	302,572	305,820	419,329	738,996	377	65	51,146	1,412	535,131
38	Oswego	659	15,052,361	1,164,971	2,303,412	3,871,927	7,712,051	688	440	552,613	6,757	2,620,330
39	Otsego	571	3,808,529	190,760	568,224	976,854	2,072,691	638	130	92,054	2,096	854,625
40	Putnam	81	1,253,734	112,025	286,211	303,758	551,740	87	18	17,276	811	430,264
41	Queens	1,292	30,271,787	3,553,186	5,373,216	7,003,883	14,341,502	1,341	774	1,059,807	11,836	6,158,656
42	Rensselaer	1,105	33,213,946	1,908,441	4,969,738	6,526,648	19,809,119	1,288	1,218	1,475,093	27,927	11,104,606
43	Richmond	603	11,567,183	1,592,026	2,189,564	2,236,799	5,548,794	631	477	620,155	5,992	3,153,526
44	Rockland	315	7,043,571	531,693	1,417,028	1,699,246	3,395,604	349	206	208,547	4,616	2,134,827
45	St. Lawrence	861	15,039,790	5,741,314	1,742,009	2,347,467	5,209,000	961	285	258,844	3,585	1,462,751
46	Saratoga	550	16,615,963	1,494,217	3,380,971	4,767,810	6,972,965	597	406	482,690	7,390	3,033,786
47	Schenectady	444	14,409,716	868,725	1,657,652	2,472,104	9,411,235	480	352	322,767	9,702	5,699,012
48	Schoharie	251	1,053,933	173,775	232,185	316,587	331,386	288	31	20,835	590	197,429
49	Schuyler	159	2,605,392	248,909	762,381	486,373	1,107,729	174	38	46,772	450	165,554
50	Seneca	181	4,414,481	271,684	912,513	854,171	2,376,113	186	160	167,119	2,223	961,102
51	Steuben	783	8,755,887	945,161	1,503,013	1,691,060	4,616,653	895	402	369,880	5,293	2,123,914
52	Suffolk	550	6,552,492	504,931	917,017	1,220,982	3,909,562	616	195	221,650	2,897	1,372,212
53	Sullivan	302	1,198,266	206,225	224,225	312,982	454,834	334	23	14,173	624	255,650
54	Tioga	279	2,277,052	117,491	254,613	556,596	1,348,322	317	110	75,417	964	389,071
55	Tompkins	383	6,365,873	745,901	1,621,445	1,401,348	2,597,179	432	194	153,150	1,840	862,342
56	Ulster	817	9,553,501	1,675,086	1,571,163	2,415,155	3,892,097	911	342	358,667	6,469	2,860,402
57	Warren	285	5,510,160	876,546	1,000,849	1,273,942	2,358,823	362	186	156,385	4,153	1,303,765
58	Washington	397	8,949,513	1,217,137	1,426,745	2,787,518	3,518,113	404	222	258,371	3,270	1,282,676
59	Wayne	660	3,765,700	301,210	719,017	751,714	1,993,759	746	210	138,330	1,777	680,142
60	Westchester	1,411	30,188,543	3,662,722	3,639,632	9,309,236	13,576,953	1,481	981	1,172,675	16,988	8,198,768
61	Wyoming	340	5,838,061	662,983	2,216,133	1,389,839	1,569,106	382	156	161,523	1,884	687,701
62	Yates	158	1,244,148	112,460	218,465	350,578	562,645	195	73	45,413	597	201,542

TABLE 7.—MANUFACTURES BY

1	All industries	78,658	$1,651,210,220	$175,204,215	$216,970,426	$385,789,387	$873,246,192	88,754	74,480	$82,075,648	849,056	$408,855,652
2	Agricultural implements	87	20,115,962	634,917	2,262,183	1,618,470	15,600,392	80	659	675,999	5,551	2,797,269
3	Artificial feathers and flowers	157	2,981,273	34,750	22,300	257,081	2,667,142	229	229	226,841	4,019	1,257,143
4	Artificial limbs	9	97,130	8,000	12,000	32,900	44,230	10	23	18,282	75	49,325
5	Artists' materials	4	10,906			1,240	9,666	4	1	636	5	3,265
6	Awnings, tents, and sails	217	847,816	67,450	60,350	135,398	584,618	257	49	38,234	993	531,095
7	Axle grease	7	142,416	18,000	32,000	13,410	79,006	8	16	16,300	45	15,754
8	Babbitt metal and solder	11	1,198,422	41,500	74,200	127,705	955,017	19	29	33,084	203	115,587
9	Bags, other than paper	18	678,300	40,200	21,500	132,500	484,100	17	52	110,548	645	203,642
10	Bags, paper	18	2,518,200	268,439	314,909	919,652	1,015,200	11	215	217,323	921	832,522
11	Baking and yeast powders	81	3,887,135	514,350	523,850	305,012	2,543,923	30	70	97,361	234	115,694

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
605,686	$338,030,434	230,181	$68,623,708	13,189	$2,201,510	$221,886,271	$29,284,380	$7,069,457	$125,978,936	$59,553,498	$1,143,791,776	$1,120,853,659	$22,938,117	$2,175,726,900	1
16,824	8,444,298	7,147	2,214,198	557	108,896	3,451,590	403,282	203,235	2,594,313	250,760	20,254,280	19,655,727	598,553	42,721,067	2
1,062	427,047	107	25,692	15	2,097	92,219	15,840	10,320	66,017	42	2,643,207	2,601,778	41,429	3,958,535	3
5,759	2,633,029	2,677	742,729	82	16,847	1,212,074	108,751	39,188	1,024,424	39,711	10,536,787	10,390,438	146,349	18,474,365	4
4,074	1,882,091	460	105,786	114	18,645	560,646	25,626	51,589	472,384	11,047	12,216,683	12,011,697	204,986	16,688,572	5
5,001	2,380,505	1,784	454,427	155	26,470	691,070	57,021	40,580	562,851	30,618	6,481,887	6,332,456	149,431	11,963,192	6
7,281	3,442,890	1,731	452,413	308	39,684	1,103,151	53,221	48,285	994,521	7,124	10,250,047	10,033,319	216,728	18,876,635	7
4,086	1,950,532	1,318	274,828	186	26,626	615,840	64,375	27,543	506,783	17,139	5,914,246	5,766,561	147,685	10,416,608	8
1,198	532,733	290	72,626	13	1,812	171,711	21,567	7,963	109,121	33,060	2,232,596	2,187,001	45,595	3,747,645	9
1,597	643,882	540	108,722	6	705	222,336	17,587	19,308	180,601	4,840	1,781,131	1,686,737	94,394	3,565,081	10
2,671	1,189,159	1,406	416,930	134	24,475	867,821	25,295	30,722	759,643	51,661	4,215,106	4,005,284	209,822	8,184,411	11
1,901	875,720	423	112,192	8	1,267	184,992	17,279	9,833	156,025	1,855	3,057,899	3,008,030	49,869	5,281,895	12
1,065	465,289	229	69,012	16	2,722	154,224	19,400	13,698	107,182	13,944	1,869,559	1,787,848	81,711	3,306,080	13
5,684	2,899,348	1,139	288,451	164	26,444	781,638	146,795	45,832	572,369	16,642	6,691,284	6,246,053	445,231	12,865,438	14
40,715	20,605,546	6,968	1,475,008	648	86,852	9,985,584	983,315	462,524	7,922,220	617,525	81,283,339	79,407,044	1,876,295	134,330,391	15
1,294	574,112	219	46,428	12	1,950	345,379	6,345	31,729	259,597	47,708	1,947,609	1,772,416	175,193	3,385,351	16
1,352	567,203	165	40,001	2	208	136,892	16,012	23,900	95,330	1,650	2,609,981	2,584,064	25,917	4,044,210	17
6,070	2,728,413	6,870	1,362,687	89	13,339	667,167	86,060	28,309	457,629	95,169	9,507,859	9,364,996	142,863	16,670,966	18
1,947	907,626	496	92,832	10	1,184	506,910	27,758	19,469	415,919	43,764	2,286,389	2,213,117	73,272	4,759,546	19
1,292	607,922	366	112,206	49	7,386	132,895	13,548	10,984	101,438	6,925	1,181,501	1,088,586	92,915	2,610,248	20
27	8,721	3	300	-------	----------	4,965	200	536	1,604	2,625	40,894	40,464	430	68,806	21
5,593	2,839,064	2,140	550,405	175	27,266	845,361	43,833	55,171	744,687	1,670	6,590,207	6,460,548	129,659	13,430,060	22
4,704	2,355,567	702	154,778	30	4,261	810,643	86,165	40,830	657,883	25,765	7,684,389	7,409,892	274,497	13,738,196	23
77,504	44,681,557	21,563	6,131,684	1,814	294,363	25,778,955	3,053,585	1,244,126	19,001,186	2,480,058	213,474,921	210,168,348	3,306,573	342,127,124	24
1,049	419,710	68	15,255	12	2,268	144,728	10,311	13,640	120,727	50	2,120,072	2,077,170	42,902	3,377,016	25
919	399,864	250	52,195	25	3,820	174,678	18,607	11,018	137,359	7,694	1,417,724	1,367,336	50,388	3,010,140	26
1,624	725,104	434	97,697	84	4,787	251,641	24,349	17,047	193,050	17,195	2,824,837	2,768,451	56,386	4,772,257	27
24,144	11,745,516	10,563	2,786,524	980	152,048	9,431,184	772,184	205,744	6,136,201	2,317,055	35,296,983	34,665,321	631,662	74,458,909	28
5,064	2,238,460	3,577	1,168,823	223	57,580	780,310	58,089	42,736	647,723	31,762	9,553,003	9,390,582	162,421	16,324,884	29
1,397	702,807	253	60,876	25	3,429	186,251	19,176	17,039	58,569	91,467	1,895,596	1,818,890	76,706	3,369,973	30
233,675	148,747,580	106,777	35,221,621	3,602	632,894	131,879,774	20,687,811	2,804,101	58,292,028	50,095,834	463,795,294	458,394,400	5,400,894	975,168,202	31
7,157	3,602,456	1,391	301,589	69	11,064	1,591,761	109,566	79,520	1,327,184	75,491	14,043,710	12,994,018	1,049,692	23,662,842	32
12,352	5,420,624	5,587	1,476,449	921	149,752	2,908,550	195,105	164,904	2,112,939	435,602	18,852,163	18,302,264	549,899	35,197,339	33
16,593	8,145,165	3,209	823,595	283	43,088	4,410,070	341,354	172,815	3,215,627	680,274	19,571,675	18,268,842	1,302,833	42,162,691	34
2,422	1,122,125	426	76,835	23	2,632	590,928	34,403	21,147	531,832	3,546	3,817,360	3,735,425	81,935	6,837,749	35
7,226	3,386,019	2,287	608,821	241	36,708	883,412	120,985	59,217	621,964	81,246	9,087,902	8,810,299	277,603	16,981,963	36
1,197	498,388	179	32,956	36	3,787	68,473	18,422	6,876	39,698	3,477	1,171,215	1,127,854	43,361	2,375,836	37
4,936	2,206,381	1,584	375,605	237	38,344	980,884	71,203	63,303	843,132	3,246	8,956,148	8,773,525	182,623	15,109,321	38
1,601	750,689	458	99,919	37	4,017	247,216	28,566	9,121	161,468	48,061	3,869,064	3,825,570	43,494	6,038,421	39
749	411,441	57	17,767	5	1,056	64,451	11,630	5,865	45,256	1,700	1,158,197	1,110,997	47,200	2,001,029	40
10,019	5,704,367	1,516	420,104	301	34,185	3,782,132	182,005	167,599	3,035,822	396,706	24,262,945	23,634,699	628,246	38,093,141	41
11,000	5,865,979	16,568	5,182,781	359	55,846	3,096,910	276,855	133,652	2,270,848	415,555	15,781,216	15,294,685	486,531	38,200,405	42
5,101	2,918,470	835	221,063	56	13,993	1,729,482	78,158	70,466	1,424,113	156,745	7,576,252	7,354,637	221,615	15,970,001	43
4,100	2,010,522	434	109,732	82	14,573	582,422	168,356	36,784	300,857	76,425	2,922,714	2,610,582	312,132	6,730,245	44
3,094	1,340,274	464	118,197	27	4,280	563,687	35,385	43,057	427,829	57,416	6,766,979	6,619,594	147,385	10,822,930	45
5,135	2,338,535	2,138	673,342	117	21,909	994,218	56,591	71,679	800,585	65,363	8,338,611	7,918,469	420,142	15,038,794	46
8,556	5,385,828	1,064	298,185	82	14,999	786,290	52,434	31,227	544,620	158,009	11,109,811	10,866,622	243,189	20,207,473	47
426	161,364	160	35,703	4	362	40,203	8,717	4,190	27,041	255	781,091	757,110	23,981	1,631,156	48
367	146,036	81	19,298	2	220	57,062	10,143	3,174	43,295	450	630,491	580,703	49,788	1,088,041	49
1,821	850,151	375	107,113	27	3,838	803,501	19,510	17,687	765,479	825	1,992,199	1,946,107	46,092	4,456,485	50
4,357	1,890,659	881	208,850	55	24,405	507,987	54,578	31,158	383,369	38,882	5,490,950	5,315,070	175,880	10,254,224	51
2,320	1,230,263	503	130,266	74	11,683	610,724	34,814	18,377	339,693	217,840	3,368,825	3,300,298	68,527	6,710,336	52
589	247,740	30	7,323	5	587	45,171	10,433	6,165	27,944	629	817,136	802,139	14,997	1,479,338	53
814	358,831	139	28,641	11	1,599	100,693	15,056	6,689	74,523	4,425	1,722,143	1,699,651	22,492	2,740,177	54
1,643	807,450	196	54,672	1	220	245,905	39,010	11,326	154,959	40,610	2,216,781	2,114,654	102,127	4,293,864	55
5,442	2,620,751	895	216,999	132	22,652	634,489	67,722	59,129	504,589	3,049	5,479,466	5,143,409	336,057	11,345,733	56
2,166	856,175	1,963	444,085	24	3,505	345,913	36,486	38,003	208,574	62,850	2,800,432	2,660,980	139,452	5,713,058	57
2,577	1,103,740	657	172,973	36	5,963	536,136	28,252	34,131	464,191	9,562	4,011,347	3,753,734	257,613	7,313,307	58
1,374	597,124	354	74,883	49	8,135	213,227	20,785	13,636	176,438	2,368	2,822,463	2,744,408	78,055	4,680,877	59
12,349	6,763,954	4,292	1,368,277	347	66,537	1,971,790	236,857	95,703	1,488,848	150,382	19,799,793	19,381,286	418,507	37,688,057	60
1,165	493,476	668	184,110	51	10,115	253,171	22,886	12,288	217,997	----------	2,054,616	1,867,264	187,352	3,759,832	61
465	174,162	125	26,249	7	1,131	67,284	14,726	3,570	48,838	150	862,771	834,210	28,561	1,416,432	62

SPECIFIED INDUSTRIES: 1900.

605,686	$338,030,434	230,181	$68,623,708	13,189	$2,201,510	$221,886,271	$29,284,380	$7,069,457	$125,978,936	$59,553,498	$1,143,791,776	$1,120,853,659	$22,938,117	$2,175,726,900	1
5,522	2,790,620	24	6,022	5	627	833,948	6,919	59,652	760,590	6,787	4,824,871	4,659,505	165,366	10,537,254	2
516	269,618	3,376	965,879	127	21,646	331,711	198,815	4,269	91,377	37,250	2,198,956	2,187,643	11,313	5,016,463	3
67	46,070	7	3,080	1	175	37,183	10,787	630	25,366	400	24,167	21,392	2,775	* 199,744	4
5	3,265	-------	----------	-------	----------	2,890	1,255	24	1,611	----------	8,761	8,646	115	28,277	5
701	424,420	289	106,170	3	505	158,881	69,902	1,816	35,187	51,976	1,503,314	1,493,985	9,329	2,918,777	6
33	13,610	12	2,144	-------	----------	12,997	2,134	455	10,408	----------	93,413	92,701	712	162,114	7
203	115,587	-------	----------	-------	----------	53,593	12,585	3,877	37,131	----------	2,718,869	2,704,318	14,551	3,076,577	8
207	84,756	438	118,886	-------	----------	84,193	22,060	2,198	54,835	5,100	1,697,957	1,692,599	5,358	2,249,600	9
536	232,915	374	97,167	11	2,440	151,429	32,939	3,135	111,355	4,000	2,030,271	2,012,364	17,907	3,350,532	10
109	74,051	123	41,043	2	600	1,117,356	8,557	15,647	1,093,152	----------	2,118,422	2,113,440	4,982	4,587,485	11

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
12	Baskets, and rattan and willow ware	180	$693,188	$49,770	$98,173	$146,972	$398,273	208	31	$23,391	1,059	$313,877
13	Bells	4	110,926	16,500	17,250	32,377	44,799	4	6	5,330	49	26,621
14	Belting and hose, leather	21	2,363,011	5,000	10,000	167,733	2,180,278	18	117	133,584	558	319,796
15	Bicycle and tricycle repairing	1,094	1,300,817	57,632	107,573	434,881	700,731	1,242	47	25,924	959	458,568
16	Bicycles and tricycles	66	3,326,943	240,167	365,320	948,042	1,773,414	57	267	216,120	2,103	988,052
17	Billiard tables and materials	19	411,745	5,000	32,000	40,959	333,786	23	46	59,505	197	129,615
18	Blacking	25	433,591	8,400	22,124	71,707	331,360	31	125	161,665	259	101,647
19	Blacksmithing and wheelwrighting	5,394	7,925,045	1,555,763	2,095,954	1,348,137	2,925,191	5,885	69	58,877	4,843	2,919,140
20	Bluing	17	92,735	9,100	8,250	9,760	65,625	21	15	13,620	66	27,885
21	Bookbinding and blank book making	298	5,354,004	57,800	176,217	2,188,241	2,931,746	364	418	501,359	7,152	3,152,739
22	Boot and shoe cut stock	23	676,071	23,175	24,500	54,937	573,459	25	34	27,186	477	146,450
23	Boot and shoe findings	20	210,001	100	2,000	77,440	130,461	22	25	21,354	266	90,423
24	Boot and shoe uppers	54	89,650	6,500	8,000	16,920	58,230	65	1	600	116	55,751
25	Boots and shoes, custom work and repairing.	4,941	1,938,183	193,955	244,780	527,345	972,103	4,937	39	27,932	2,470	1,104,881
26	Boots and shoes, factory product	223	11,983,239	285,835	623,594	2,362,396	8,711,414	264	1,076	1,018,153	15,796	6,138,653
27	Bottling	410	3,512,632	400,005	598,995	671,685	1,841,947	463	188	187,326	1,492	786,382
28	Boxes, cigar	66	800,608	142,400	79,900	231,512	346,796	76	57	51,050	1,198	452,620
29	Boxes, fancy and paper	246	3,725,166	134,955	260,695	1,230,022	2,099,494	311	438	364,954	8,276	2,617,157
30	Boxes, wooden packing	159	4,497,105	316,524	506,594	878,240	2,795,747	175	190	200,665	3,363	1,449,646
31	Brass castings and brass finishing	88	2,181,228	194,760	379,294	673,153	934,021	114	67	70,334	817	470,980
32	Brassware	75	2,160,104	156,800	272,200	671,950	1,059,154	87	103	113,182	1,622	741,295
33	Bread and other bakery products	3,000	19,434,257	2,626,187	3,369,625	7,619,901	5,818,544	3,168	2,081	1,472,513	14,554	7,414,018
34	Brick and tile	217	8,740,660	2,483,632	1,982,756	1,833,949	2,440,323	258	183	167,031	6,737	2,764,879
35	Bridges	27	4,437,236	257,795	498,472	1,153,598	2,527,371	21	139	162,493	2,184	1,316,519
36	Bronze castings	6	350,161	62,000	17,500	86,327	184,334	7	34	41,061	326	198,133
37	Brooms and brushes	170	2,717,519	145,745	253,535	370,100	1,948,139	224	212	165,821	2,648	1,021,075
38	Buttons	49	1,195,343	13,100	46,900	395,107	740,236	48	105	88,195	2,647	812,978
39	Calcium lights	5	42,100	----------	----------	13,500	28,600	6	1	1,200	33	14,288
40	Card cutting and designing	4	41,950	----------	----------	15,200	26,750	3	8	6,757	49	19,146
41	Carpentering	2,981	13,699,233	1,754,433	2,045,065	1,719,539	8,180,196	3,435	444	405,333	18,547	12,406,644
42	Carpets and rugs, other than rag	12	12,870,200	876,306	939,963	3,086,323	7,967,608	3	189	250,169	8,603	3,308,438
43	Carpets, rag	78	71,527	9,531	13,680	25,486	22,830	80	5	2,422	66	23,203
44	Carpets, wood	11	188,664	----------	----------	17,785	170,879	10	22	20,500	302	216,752
45	Carriage and wagon materials	39	1,387,657	105,950	200,229	362,556	718,922	34	77	77,674	942	856,739
46	Carriages and sleds, children's	22	228,786	27,350	38,250	22,350	140,836	21	16	8,315	182	89,606
47	Carriages and wagons	893	14,141,207	1,793,076	2,530,117	1,524,527	8,293,487	1,066	486	520,231	6,981	3,899,899
48	Cars and general shop construction and repairs by steam railroad companies.	82	11,244,747	1,200,582	2,679,844	2,790,025	4,574,296	--------	443	344,596	13,062	6,762,504
49	Cars and general shop construction and repairs by street railroad companies.	17	6,242,120	1,006,654	2,864,974	1,442,601	927,891	--------	47	52,412	2,559	1,800,551
50	Cars, steam railroad, not including operations of railroad companies.	4	4,299,251	420,305	816,129	881,616	2,181,201	--------	92	75,920	2,091	1,038,948
51	Charcoal	5	62,360	1,310	39,450	3,250	18,350	3	2	900	50	17,752
52	Cheese and butter, urban dairy products.	20	64,161	4,850	11,391	22,695	25,225	16	4	941	14	7,120
53	Cheese, butter, and condensed milk, factory product.	1,908	7,084,130	359,122	2,571,475	2,342,306	1,811,227	1,772	227	122,292	2,439	1,157,081
54	Chemicals	92	22,105,837	1,159,611	3,391,799	5,484,870	12,069,557	23	503	718,831	4,531	2,302,999
55	China decorating	37	97,860	6,300	5,100	22,915	63,545	41	11	6,727	107	45,764
56	Chocolate and cocoa products	11	1,262,758	14,000	65,000	275,170	908,588	15	151	163,958	619	197,290
57	Cleansing and polishing preparations	33	470,066	42,500	52,500	79,685	295,381	36	56	60,064	238	104,666
58	Clocks	10	2,545,995	44,400	239,080	292,592	1,969,923	5	61	90,764	1,637	512,039
59	Cloth, sponging and refinishing	26	125,748	----------	----------	61,710	64,038	34	26	20,870	344	180,121
60	Clothing, horse	8	48,389	2,600	950	6,400	38,439	7	3	6,260	61	24,306
61	Clothing, men's, custom work and repairing.	5,089	12,985,394	836,577	1,376,472	929,659	9,842,686	5,570	930	833,219	13,183	7,011,702
62	Clothing, men's, factory product	2,531	51,350,648	1,043,383	1,138,477	1,828,158	47,340,630	3,353	3,542	3,785,990	41,300	19,579,938
63	Clothing, men's, factory product, buttonholes.	81	170,672	26,130	32,637	84,315	27,590	92	9	4,432	502	190,208
64	Clothing, women's, dressmaking	2,913	5,354,667	578,630	583,237	583,296	3,609,504	3,209	353	288,764	11,058	4,381,032
65	Clothing, women's, factory product	1,673	29,283,205	519,250	525,480	2,431,648	25,806,827	2,466	4,152	4,097,946	48,717	21,987,896
66	Coffee and spice, roasting and grinding	87	9,405,886	625,315	1,113,681	1,258,680	6,408,210	143	555	611,665	1,541	711,404
67	Coffins, burial cases, and undertakers' goods.	31	2,443,747	169,333	343,920	306,979	1,623,515	22	179	196,746	1,250	626,367
68	Combs	6	208,650	----------	----------	41,100	167,550	10	23	15,270	233	107,116
69	Confectionery	858	8,330,656	1,089,157	1,408,906	2,067,615	3,764,978	957	1,020	981,599	7,230	2,674,077
70	Cooperage	413	4,518,957	469,538	1,044,297	669,281	2,335,841	477	76	88,488	3,153	1,488,800
71	Cordage and twine	18	7,590,958	362,300	747,782	1,600,414	4,880,462	15	111	232,832	3,824	1,292,139
72	Cordials and sirups	10	188,447	----------	----------	30,300	158,147	12	25	31,239	62	20,886
73	Cork, cutting	24	229,361	100	200	33,975	195,086	25	19	17,120	167	66,133
74	Corsets	74	930,479	5,500	34,610	172,048	718,321	86	114	126,453	1,524	461,307
75	Cotton goods	34	14,509,211	740,927	3,621,305	5,341,881	4,805,098	25	156	226,701	8,659	2,582,394
76	Cotton small wares	18	550,938	12,500	42,000	203,455	292,983	22	42	36,449	600	163,454
77	Cutlery and edge tools	59	1,987,913	171,637	330,749	418,174	1,067,353	57	88	74,910	1,575	710,515
78	Dentists' materials	11	243,585	----------	100	34,912	208,573	14	53	49,810	111	51,800
79	Druggists' preparations, not including prescriptions.	42	3,959,371	366,835	352,665	526,996	2,712,875	47	249	355,003	1,016	411,672
80	Drug grinding	10	729,269	27,000	53,000	74,991	574,278	14	30	38,914	150	66,607
81	Dyeing and cleaning	331	1,442,419	159,342	278,469	381,218	623,390	381	206	100,194	1,309	579,244

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
667	$238,634	313	$64,899	79	$10,344	$40,887	$13,638	$2,048	$12,092	$13,109	$416,489	$407,148	$9,341	$1,001,623	12
49	26,621	------	------	------	------	14,651	1,900	641	11,750	360	84,905	83,042	1,863	148,284	13
553	318,666	------	------	5	1,130	140,943	37,023	6,088	97,732	100	2,400,486	2,384,165	16,321	3,293,095	14
928	453,157	6	1,153	25	4,258	240,351	177,036	2,452	49,589	11,274	1,015,240	988,050	27,190	2,693,174	15
2,032	970,043	46	11,009	25	7,000	366,501	34,428	10,628	320,148	1,297	1,856,065	1,805,967	50,098	3,842,020	16
192	128,069	4	1,364	1	182	128,250	19,793	1,527	103,080	3,850	340,002	335,531	4,471	781,497	17
101	59,041	157	42,450	1	156	146,072	22,205	2,439	121,428	------	371,225	366,173	5,052	882,360	18
4,805	2,912,055	------	------	38	7,085	626,336	428,709	50,838	133,115	13,674	3,290,667	3,094,443	196,224	11,699,115	19
30	18,490	36	9,395	------	------	17,593	5,691	308	11,594	------	104,400	103,581	819	232,871	20
3,427	1,994,266	3,597	1,134,610	128	23,863	721,719	322,660	12,379	344,964	41,716	3,132,118	3,055,949	76,169	9,049,198	21
240	102,229	212	40,464	25	3,757	2[illegible],816	16,139	432	12,984	261	1,208,923	1,203,736	5,187	1,677,661	22
133	61,670	133	28,753	------	------	30,145	11,675	15	10,255	8,200	316,819	311,842	4,977	541,755	23
95	49,319	21	6,402	------	------	12,663	10,337	253	2,070	3	172,299	171,256	1,043	311,568	24
2,410	1,090,440	39	11,142	21	3,299	716,696	613,281	6,743	57,761	38,911	1,883,492	1,825,494	57,998	6,381,615	25
9,754	4,465,363	5,483	1,584,992	559	88,298	1,251,902	204,153	23,563	924,075	100,111	15,611,386	15,508,224	103,162	25,585,631	26
1,453	777,323	26	6,736	13	2,323	662,671	117,237	48,039	492,045	5,350	4,421,684	4,367,739	53,945	7,368,003	27
693	307,184	477	140,222	28	5,214	71,782	38,482	2,277	31,023	------	759,896	740,599	19,297	1,537,217	28
2,572	1,252,315	5,333	1,312,450	371	52,392	563,887	257,701	9,252	296,194	740	3,347,401	3,288,284	59,117	8,379,757	29
3,089	1,394,641	162	34,435	112	20,570	373,483	115,001	26,744	191,480	40,258	4,954,761	4,910,651	44,110	7,850,262	30
807	468,679	4	1,055	6	1,246	106,014	30,666	8,953	65,295	1,100	1,509,941	1,470,633	39,308	2,495,500	31
1,288	658,495	305	77,412	29	5,388	184,910	54,210	5,018	106,047	19,635	1,542,272	1,508,873	33,399	3,071,970	32
11,999	6,811,107	2,295	564,274	260	38,637	3,048,857	1,247,554	135,215	1,659,123	6,965	23,557,866	22,902,948	654,918	43,051,251	33
6,662	2,748,130	1	225	74	16,524	561,721	235,210	53,434	271,552	1,525	1,108,595	315,298	793,297	5,684,320	34
2,183	1,316,219	1	300	------	------	188,141	3,482	10,844	172,315	1,500	2,816,797	2,776,466	40,331	5,090,076	35
322	197,558	------	------	4	575	23,827	6,620	1,350	15,857	------	141,277	133,364	7,913	532,230	36
1,786	830,102	742	171,388	120	19,585	184,041	50,844	7,948	112,083	13,166	2,265,682	2,239,957	25,725	4,335,471	37
1,157	464,518	1,349	326,130	141	22,330	110,717	35,932	863	63,322	10,600	943,432	924,034	19,398	2,371,196	38
33	14,288	------	------	------	------	4,752	2,702	------	2,050	------	19,386	18,196	1,190	52,592	39
22	12,468	23	5,950	4	728	9,909	6,430	209	770	2,500	78,856	77,630	1,226	131,160	40
18,515	12,400,032	4	1,006	28	5,606	5,104,307	369,526	60,931	388,299	4,285,551	20,579,936	20,487,855	92,081	46,617,814	41
3,911	1,887,556	4,112	1,313,904	580	106,978	541,841	53,200	47,608	425,654	15,379	7,681,097	7,567,391	113,706	15,029,218	42
45	18,563	21	4,640	------	------	11,637	5,785	413	5,339	100	25,069	23,678	1,391	104,722	43
302	216,752	------	------	------	------	26,034	12,980	------	13,054	------	147,277	144,643	2,634	471,587	44
889	338,708	49	17,281	4	750	85,317	4,821	4,836	74,435	1,225	1,023,811	1,004,027	19,784	1,741,041	45
171	86,706	8	2,496	3	404	13,023	7,718	1,038	4,261	6	186,610	184,678	1,932	373,299	46
6,908	3,879,282	58	16,938	15	3,679	873,942	244,236	73,877	517,762	38,067	5,174,662	5,051,629	123,033	13,068,385	47
13,013	6,747,126	49	15,378	------	------	203,221	3,400	63,721	136,100	------	8,879,813	8,721,294	158,519	16,194,850	48
2,559	1,800,551	------	------	------	------	121,933	300	70,374	51,259	------	1,527,946	1,496,763	31,183	3,514,763	49
2,072	1,033,313	17	5,119	2	516	81,996	------	8,446	73,550	------	3,744,911	3,680,282	64,629	5,228,351	50
50	17,752	------	------	------	------	9,783	300	212	9,271	------	32,676	32,376	300	64,722	51
12	6,790	2	330	------	------	4,128	2,343	240	1,545	------	111,793	109,814	1,979	136,835	52
2,085	1,063,837	345	91,917	9	1,327	337,303	31,270	31,715	273,752	566	22,486,869	22,230,050	256,819	26,557,888	53
4,429	2,269,815	102	33,184	------	------	1,142,851	64,620	81,947	993,784	2,500	8,669,561	7,497,127	1,172,434	15,994,366	54
50	29,256	52	15,767	5	741	18,348	10,820	239	7,289	------	69,023	64,441	4,582	201,299	55
281	129,640	314	65,700	24	1,950	145,595	45,135	2,035	98,425	------	1,956,113	1,942,081	14,032	2,714,872	56
163	81,965	72	22,351	3	350	56,263	15,041	1,563	35,959	3,700	576,328	567,897	8,431	1,030,184	57
1,186	395,962	448	115,620	3	457	78,781	6,915	7,228	63,838	800	898,818	889,544	9,274	1,761,610	58
342	179,321	2	800	------	------	71,772	36,620	200	34,752	200	11,301	6,775	4,526	384,017	59
19	8,256	38	15,550	4	500	7,463	6,120	23	1,320	------	78,094	77,437	657	140,358	60
10,485	6,237,008	2,613	761,525	85	13,169	3,994,370	1,707,463	41,000	597,884	1,648,023	11,778,039	11,625,372	152,667	31,538,653	61
24,274	14,626,270	16,700	4,908,283	326	45,385	20,396,003	1,583,956	61,403	2,880,472	15,870,172	64,500,271	64,260,231	240,040	126,478,057	62
252	123,475	236	64,631	14	2,102	19,787	8,885	589	9,713	600	50,499	47,590	2,909	351,205	63
2,431	1,616,223	8,538	2,752,756	89	12,053	1,331,445	1,072,539	15,388	210,293	33,225	5,490,079	5,411,611	78,468	14,915,538	64
19,673	12,307,231	28,751	9,627,931	293	52,734	8,407,495	1,901,971	25,695	2,444,860	4,034,969	56,848,074	56,620,372	227,702	106,892,390	65
945	555,625	553	148,509	43	7,270	1,523,357	123,794	43,131	1,354,347	2,085	18,130,868	18,007,453	123,415	22,470,856	66
938	532,917	309	93,063	3	387	209,597	53,764	9,966	145,331	536	1,303,195	1,281,497	21,698	2,700,925	67
211	101,466	22	5,650	------	------	45,317	5,435	------	14,882	25,000	196,905	194,120	2,785	406,535	68
3,548	1,848,905	3,441	791,259	241	33,913	1,753,214	508,544	60,273	1,182,362	2,035	10,683,276	10,510,046	173,230	18,842,148	69
3,068	1,472,670	20	3,810	65	12,320	278,327	45,169	24,314	205,239	3,605	3,830,679	3,787,201	43,478	6,471,782	70
2,080	824,987	1,485	418,405	259	48,747	511,422	75,234	23,903	412,285	------	6,534,147	6,446,792	87,355	9,790,644	71
35	14,500	27	6,386	------	------	24,401	10,735	798	12,618	250	166,280	165,075	1,205	306,866	72
104	48,995	53	17,138	------	------	19,945	11,248	12	8,685	------	290,952	288,389	2,563	466,523	73
172	75,171	1,304	379,001	48	7,135	211,945	65,236	864	145,845	------	892,271	881,102	11,169	2,000,226	74
4,094	1,412,902	3,761	1,024,845	804	144,647	909,351	24,943	135,327	579,833	169,248	5,257,419	5,034,368	223,051	9,947,986	75
146	70,315	447	92,034	7	1,105	34,497	15,240	905	15,152	3,200	460,876	455,350	5,526	840,017	76
1,443	681,400	83	20,642	49	8,473	114,070	13,843	7,551	82,385	10,291	554,864	512,120	42,744	1,665,644	77
61	37,082	49	14,568	1	150	25,552	3,988	14	20,350	1,200	365,579	363,855	1,724	603,118	78
645	306,868	368	104,259	3	545	665,031	44,359	22,515	598,157	------	3,731,186	3,641,112	90,074	6,242,481	79
105	58,357	40	8,000	5	250	49,221	16,998	1,033	19,140	12,050	1,152,225	1,141,542	10,683	1,492,763	80
759	404,296	534	171,889	16	3,059	356,703	112,066	9,601	220,776	14,260	560,916	506,667	54,249	2,171,777	81

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
82	Dyeing and finishing textiles	42	$6,230,657	$339,909	$1,335,748	$2,097,541	$2,457,459	50	107	$134,345	3,117	$1,424,578
83	Dye stuffs and extracts	19	2,548,136	567,463	345,504	436,703	1,198,466	7	78	91,680	538	300,832
84	Electrical apparatus and supplies	134	17,697,352	1,301,218	2,442,795	3,092,606	10,860,733	111	1,113	904,201	10,370	5,666,702
85	Electrical construction and repairs	288	1,381,225	55,000	55,150	231,745	1,039,330	335	220	171,758	1,438	927,882
86	Electroplating	121	624,359	6,000	31,646	241,992	344,721	157	44	37,088	796	376,575
87	Emery wheels	3	44,854	2,500	1,000	16,000	25,354	1			16	11,360
88	Enameling and enameled goods	30	2,672,709	312,800	564,885	690,181	1,104,843	35	49	42,725	1,483	537,358
89	Engravers' materials	6	49,466	600	400	13,130	35,336	7	8	17,114	47	25,605
90	Engraving and diesinking	117	257,048	6,300	1,500	126,475	122,773	136	17	19,276	330	192,727
91	Engraving, steel, including plate printing.	97	3,607,505	800,250	164,500	1,223,230	1,419,525	119	118	184,987	1,677	1,153,354
92	Engraving, wood	42	39,316	1,000	4,000	14,985	19,331	47	1	520	63	48,707
93	Envelopes	12	719,443	10,000	50,000	376,082	283,361	6	97	100,471	671	263,526
94	Explosives	5	451,505	40,000	67,475	101,815	242,215	2	19	18,003	85	52,288
95	Fancy articles, not elsewhere specified	166	1,910,797	140,600	145,320	415,522	1,209,355	213	247	184,956	1,865	719,457
96	Felt goods	11	2,183,050	143,500	396,534	528,401	1,114,615	7	41	73,130	735	297,853
97	Fertilizers	32	4,600,559	452,071	720,629	1,012,378	2,415,481	24	192	211,207	1,033	491,898
98	Files	17	226,379	26,700	38,914	82,076	78,689	23	7	7,144	163	78,934
99	Firearms	8	2,057,594	68,451	203,010	663,958	1,122,175	3	90	84,885	1,685	929,999
100	Fire extinguishers, chemical	7	102,238			9,825	92,413	3	22	15,393	22	17,320
101	Fireworks	9	480,707	42,000	95,856	102,330	240,521	4	40	56,295	547	197,089
102	Fish, canning and preserving	9	100,564	17,021	25,553	10,005	47,985	15	7	6,520	66	20,842
103	Flags and banners	13	405,535	300	1,000	44,110	360,125	17	25	30,112	195	64,027
104	Flavoring extracts	94	721,739	27,955	52,951	62,658	578,175	118	165	144,898	250	116,322
105	Flouring and grist mill products	1,513	23,384,858	6,275,063	5,563,206	4,792,699	6,753,890	1,844	388	440,929	2,489	1,284,438
106	Food preparations	123	3,333,760	259,000	753,100	620,909	1,700,751	141	305	309,069	1,712	618,363
107	Foundry and machine shop products	1,352	107,926,155	7,349,084	12,439,853	24,634,682	63,502,536	1,424	4,250	5,079,822	50,173	27,576,739
108	Foundry supplies	5	133,404	21,000	34,600	21,510	56,294	4	10	8,663	29	15,052
109	Fruits and vegetables, canning and preserving.	511	6,649,059	355,910	1,025,624	906,809	4,360,716	589	261	201,025	5,518	1,462,820
110	Fur goods	560	7,299,989	163,600	66,940	318,016	6,751,433	826	659	634,433	4,454	2,486,071
111	Fur hats	15	3,050,381	246,000	476,746	634,112	1,693,523	12	135	224,354	4,133	2,079,464
112	Furnishing goods, men's	270	16,158,628	657,400	1,417,815	1,432,656	12,650,757	412	1,329	1,541,451	21,610	7,299,054
113	Furniture, cabinetmaking, repairing, and upholstering.	1,295	3,581,938	340,530	390,865	462,840	2,387,703	1,491	240	210,954	3,452	2,218,030
114	Furniture, factory product	354	16,436,743	1,582,173	2,134,533	2,197,712	10,522,325	453	1,072	1,208,885	14,481	6,983,087
115	Furs, dressed	40	458,241	65,900	73,050	107,398	211,893	46	25	26,340	470	302,154
116	Galvanizing	5	71,327	6,000	4,000	12,198	49,129	5	10	10,342	41	21,229
117	Gas and lamp fixtures	76	3,112,930	153,050	136,708	772,508	2,050,664	86	290	352,777	2,169	1,183,117
118	Gas and oil stoves	8	437,155			47,934	389,221	9	30	26,505	168	84,237
119	Gas, illuminating and heating	101	171,379,067	23,719,690	24,384,916	91,224,969	32,049,492		1,324	1,320,036	5,381	3,676,712
120	Gas machines and meters	19	809,037	92,106	106,897	156,667	453,367	17	54	58,267	512	295,714
121	Glass	27	2,242,834	242,675	397,004	300,232	1,302,923	17	117	139,698	2,556	1,305,264
122	Glass, cutting, staining, and ornamenting.	135	1,621,422	32,025	41,800	198,253	1,349,344	169	166	175,844	2,063	1,074,070
123	Gloves and mittens	244	6,219,227	150,022	330,370	350,687	5,388,148	345	328	294,574	9,889	2,716,223
124	Glue	8	489,001	7,500	55,434	95,285	330,782	8	22	28,446	133	69,165
125	Gold and silver, leaf and foil	52	478,776	68,900	67,650	88,355	253,871	61	21	22,700	586	246,424
126	Gold and silver, reducing and refining, not from the ore.	14	602,450	104,000	135,000	73,350	290,100	18	8	9,770	54	38,624
127	Grease and tallow	44	1,302,494	184,495	281,850	252,426	583,723	53	51	60,898	416	222,349
128	Hairwork	94	502,817	1,550	2,800	26,455	472,012	104	22	19,130	408	155,117
129	Hand knit goods	16	103,795	2,200	2,100	21,975	77,520	20	19	11,650	156	34,369
130	Hand stamps	54	306,699			135,212	171,487	60	21	21,466	253	121,039
131	Hardware	63	2,547,436	128,275	302,107	780,300	1,336,754	65	176	188,956	1,851	812,995
132	Hardware, saddlery	10	682,692	63,000	120,912	156,351	342,429	10	31	32,941	505	195,992
133	Hat and cap materials	28	754,675	35,500	38,500	108,885	571,790	37	24	27,918	610	196,343
134	Hats and caps, not including fur hats and wool hats.	288	2,601,654	79,700	52,300	306,655	2,162,999	409	194	197,119	4,506	1,994,237
135	Hones and whetstones	4	69,736	300	700	4,384	64,352	5	2	1,352	41	19,379
136	Hosiery and knit goods	242	30,203,640	1,194,978	3,944,378	9,001,637	16,062,652	230	805	930,764	26,470	8,964,097
137	House furnishing goods, not elsewhere specified.	75	2,870,905	69,400	261,959	371,475	2,168,071	88	206	157,919	2,098	689,378
138	Ice, manufactured	41	2,554,722	341,518	595,070	1,432,701	185,433	17	63	51,789	319	201,394
139	Ink, printing	24	1,083,970	94,800	230,700	159,676	598,794	26	128	153,610	201	122,134
140	Ink, writing	10	431,723	53,000	61,365	47,322	270,036	11	13	26,099	105	47,408
141	Instruments, professional and scientific	99	1,620,866	146,500	152,500	361,864	960,002	119	132	132,488	993	530,088
142	Iron and steel	30	12,183,866	1,715,094	2,494,419	2,711,409	5,262,944	15	238	377,988	5,418	3,062,711
143	Iron and steel, bolts, nuts, washers, and rivets.	8	1,830,763	99,333	319,770	805,759	605,901	10	59	71,466	821	372,856
144	Iron and steel, doors and shutters	5	20,700			11,000	9,700	7			30	31,534
145	Iron and steel, forgings	11	952,863	138,606	154,151	297,256	362,850	8	40	46,306	315	204,629
146	Iron and steel, nails and spikes cut and wrought, including wire nails.	12	736,791	82,500	118,535	155,409	380,347	15	27	40,401	348	149,635
147	Ironwork, architectural and ornamental.	203	6,167,239	871,582	882,828	1,236,646	3,176,183	242	342	402,753	4,942	2,936,838
148	Ivory and bone work	23	251,396	7,000	19,000	57,393	168,003	31	22	22,206	306	126,415
149	Japanning	7	9,119		700	3,025	5,394	8			18	10,781
150	Jewelry	250	5,828,008	10,000	37,200	703,221	5,077,587	361	304	304,294	3,022	2,001,816
151	Jewelry and instrument cases	38	367,010	7,100	7,200	60,038	292,672	50	39	25,756	507	213,156

SPECIFIED INDUSTRIES: 1900—Continued

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
2,395	$1,244,051	636	$166,424	86	$14,103	$210,395	$29,067	$34,749	$140,586	$5,993	$1,402,373	$1,191,735	$210,638	$3,625,882	82
538	300,832	-------	-------	-------	-------	128,447	10,460	10,432	107,555	-------	1,263,843	1,232,277	31,566	2,111,811	83
9,266	5,341,834	1,023	309,044	81	15,824	893,038	110,367	51,717	690,170	40,784	12,538,790	12,304,944	233,846	22,695,024	84
1,421	924,092	5	1,530	12	2,260	193,899	83,154	2,538	86,965	21,242	1,958,439	1,945,831	12,608	4,095,033	85
717	353,974	62	19,667	17	2,934	93,037	49,281	842	40,969	1,945	410,730	389,895	20,835	1,197,716	86
16	11,360	-------	-------	-------	-------	1,842	600	106	1,136	-------	35,774	34,084	1,690	73,897	87
1,185	472,732	213	52,839	85	11,787	35,762	8,548	5,466	19,948	1,800	1,643,392	1,603,654	39,738	2,866,363	88
47	25,605	-------	-------	-------	-------	8,855	4,086	12	4,757	-------	126,254	123,614	2,640	195,029	89
290	183,334	21	6,334	19	3,059	42,253	29,369	170	9,504	3,210	57,922	51,088	6,834	514,630	90
1,039	894,517	594	250,990	44	7,847	248,509	160,836	20,449	52,449	14,775	723,334	712,241	11,093	2,726,644	91
57	47,819	2	320	4	568	20,923	8,092	40	3,241	9,550	13,797	13,485	312	160,982	92
181	100,756	490	162,770	-------	-------	85,826	40,638	786	44,402	-------	657,934	649,800	8,134	1,221,029	93
85	52,288	-------	-------	-------	-------	11,543	-------	1,968	9,575	-------	201,331	196,656	4,675	332,998	94
882	444,194	934	267,108	49	8,155	265,667	89,247	3,630	157,796	14,994	1,359,061	1,339,803	19,258	3,294,529	95
507	228,966	197	62,379	31	6,508	114,900	2,500	7,492	104,908	-------	987,380	955,201	32,179	1,734,136	96
1,033	491,898	-------	-------	-------	-------	317,826	7,410	20,420	289,846	150	1,909,158	1,713,459	195,699	3,147,894	97
163	78,934	-------	-------	-------	-------	10,086	1,993	1,236	6,857	-------	49,688	42,711	6,977	192,917	98
1,650	920,736	29	8,431	6	832	272,496	5,220	10,055	231,221	26,000	459,258	439,096	20,162	1,969,624	99
22	17,320	-------	-------	-------	-------	16,625	1,838	407	13,380	1,000	29,771	29,244	527	103,285	100
367	149,904	142	37,160	38	10,025	27,486	7,750	1,626	16,510	1,600	329,108	326,493	2,615	807,153	101
39	18,424	27	2,418	-------	-------	11,741	1,100	1,056	9,585	-------	134,211	132,486	1,725	197,869	102
88	39,407	77	20,056	30	4,564	55,615	20,220	240	34,955	200	285,518	283,338	2,180	520,950	103
143	79,912	105	35,994	2	416	105,852	27,708	4,021	73,403	720	763,043	759,272	3,771	1,547,828	104
2,404	1,267,340	85	17,098	-------	-------	1,014,018	90,102	119,038	804,578	300	36,523,959	36,232,302	291,657	42,796,340	105
1,138	495,215	567	121,783	7	1,365	660,715	70,225	18,801	570,849	840	4,242,134	4,177,189	64,945	7,405,641	106
49,607	27,425,564	402	118,423	164	32,752	7,390,514	813,842	460,990	4,977,628	1,138,054	41,814,790	40,144,049	1,670,741	96,636,517	107
28	14,840	1	212	-------	-------	2,949	924	787	1,238	-------	30,392	18,996	11,396	76,747	108
2,292	811,564	3,007	623,168	219	28,088	495,478	15,910	17,503	461,302	763	5,592,462	5,452,088	140,374	8,975,321	109
2,702	1,772,239	1,736	711,300	16	2,532	1,208,935	420,370	7,553	483,140	297,872	8,732,323	8,705,049	27,274	15,828,996	110
2,960	1,566,907	1,112	499,772	61	12,785	300,185	11,360	8,792	269,283	10,750	2,607,454	2,542,099	65,355	5,602,458	111
3,075	1,677,767	18,334	5,590,145	201	31,142	1,963,863	361,177	24,770	984,871	593,045	15,865,729	15,782,078	83,651	31,000,834	112
2,988	2,054,901	443	159,454	21	3,675	814,515	348,982	13,185	199,945	252,403	2,894,361	2,856,678	37,683	8,108,237	113
13,992	6,846,566	311	108,881	178	27,640	1,813,548	436,329	61,006	1,154,531	161,682	9,908,514	9,751,867	156,647	23,643,245	114
456	296,510	13	5,844	1	300	30,125	12,180	1,927	16,018	-------	246,602	235,010	11,592	777,227	115
41	21,229	-------	-------	-------	-------	4,380	2,860	340	1,180	-------	149,657	147,722	1,935	221,253	116
2,122	1,171,200	30	8,921	17	2,996	339,409	82,958	24,534	230,191	1,726	1,429,796	1,385,956	43,840	3,853,518	117
168	84,237	-------	-------	-------	-------	46,144	15,660	310	27,274	2,900	414,991	411,246	3,745	628,199	118
5,379	3,675,892	2	820	-------	-------	5,060,906	28,743	1,293,177	3,738,986	-------	5,866,549	5,517,190	349,359	20,917,726	119
498	292,249	14	3,465	-------	-------	50,010	9,372	6,038	34,600	-------	494,152	481,749	12,403	1,061,233	120
2,201	1,239,971	73	17,831	282	47,462	145,505	8,945	8,122	115,369	13,069	899,590	672,432	227,158	2,756,978	121
1,832	986,690	193	64,410	38	22,970	304,496	95,512	5,128	154,022	49,834	1,406,241	1,382,137	24,104	3,559,236	122
2,839	1,296,958	6,987	1,410,314	63	8,951	341,567	47,115	11,194	197,438	85,820	6,317,033	6,281,008	36,025	10,835,898	123
117	65,065	16	4,100	-------	-------	19,750	5,546	1,124	13,080	-------	572,710	547,656	25,054	743,279	124
273	156,101	301	88,365	12	1,958	19,442	7,938	1,825	9,499	180	829,062	825,047	4,015	1,459,393	125
54	38,624	-------	-------	-------	-------	24,890	9,008	2,840	12,292	750	4,313,818	4,308,124	5,694	4,528,119	126
410	220,633	6	1,716	-------	-------	88,279	9,193	6,779	72,307	-------	1,705,013	1,666,788	38,225	2,300,060	127
89	54,529	319	100,588	-------	-------	106,746	54,836	69	46,600	5,241	306,949	304,497	2,452	861,894	128
14	6,414	142	27,955	-------	-------	8,932	4,975	231	2,595	1,131	47,793	47,669	124	142,066	129
215	107,802	36	12,729	2	508	54,830	21,547	109	28,284	4,890	126,174	122,727	3,447	476,653	130
1,699	778,513	125	29,462	27	5,020	155,244	44,047	8,293	94,304	8,600	1,338,239	1,311,153	27,086	2,929,572	131
434	182,242	27	6,072	44	7,678	52,957	2,990	2,787	47,180	-------	282,104	266,570	15,534	621,574	132
269	123,925	313	69,426	28	2,992	54,321	18,364	2,059	30,648	3,250	1,255,887	1,246,016	9,871	1,751,350	133
2,807	1,461,372	1,691	531,439	8	1,426	347,209	199,011	2,876	126,775	18,547	4,288,588	4,257,495	31,093	8,343,983	134
41	19,379	-------	-------	-------	-------	5,897	2,480	87	3,330	-------	38,626	37,680	946	84,198	135
8,327	3,612,989	17,219	5,180,572	924	170,536	2,199,029	144,387	94,980	1,818,590	141,072	20,218,200	19,924,742	293,458	35,886,048	136
732	334,654	1,315	346,732	51	7,992	228,566	57,197	4,280	122,199	44,890	4,041,852	4,017,274	24,578	5,578,690	137
319	201,394	-------	-------	-------	-------	177,727	31,056	13,813	112,282	20,576	268,695	80,346	188,349	1,051,372	138
196	120,488	5	1,646	-------	-------	108,145	24,486	2,867	80,792	-------	694,585	676,300	18,285	1,417,820	139
60	35,136	45	12,272	-------	-------	42,496	9,085	3,203	30,208	-------	257,976	256,052	1,924	506,336	140
801	488,845	180	38,826	12	2,417	153,508	44,021	6,986	94,254	8,247	437,476	422,405	15,071	1,656,934	141
5,365	3,052,386	35	7,550	18	2,775	503,558	65,531	60,460	369,255	8,312	7,676,155	5,874,846	1,801,309	13,858,553	142
733	352,151	84	19,541	4	1,164	88,986	585	8,336	68,843	11,222	1,173,992	1,142,647	31,345	2,025,995	143
30	31,534	-------	-------	-------	-------	4,211	3,252	-------	959	-------	26,260	25,518	742	87,080	144
315	204,629	-------	-------	-------	-------	60,506	1,420	4,685	54,401	-------	228,296	205,367	22,929	678,109	145
259	130,121	80	17,714	9	1,800	15,512	3,680	4,142	7,680	10	320,636	308,234	12,402	637,978	146
4,895	2,927,351	4	1,567	43	7,920	835,632	117,992	27,368	311,137	379,135	6,877,269	6,781,705	95,564	12,745,249	147
256	116,703	49	9,452	1	260	19,563	10,380	383	7,600	1,200	226,582	222,252	4,330	500,336	148
17	10,570	1	211	-------	-------	2,828	2,010	-------	818	-------	7,375	6,718	657	26,110	149
2,433	1,823,277	457	157,249	132	21,290	474,446	145,844	3,113	240,756	84,733	5,427,002	5,385,676	41,326	10,244,624	150
238	137,638	244	70,782	25	4,736	63,309	22,425	306	20,238	20,340	270,493	265,404	5,089	756,341	151

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
152	Kaolin and other earth grinding	24	$5,090,088	$3,280,647	$241,706	$280,914	$1,286,821	19	48	$54,765	201	$95,947
153	Kindling wood	24	421,343	154,650	83,400	100,843	82,450	31	20	15,036	329	166,629
154	Labels and tags	13	143,935			81,977	61,958	13	25	47,506	174	79,435
155	Lamps and reflectors	37	1,339,562	26,000	70,600	411,847	831,115	33	150	158,535	1,100	500,455
156	Lapidary work	37	2,975,775	33,600	305,500	57,900	2,578,775	49	34	45,761	398	450,634
157	Lasts	19	211,901	650	3,000	88,086	120,165	20	13	15,599	227	118,113
158	Lead, bar, pipe, and sheet	8	697,010	50,520	27,000	146,378	473,112	7	30	31,646	93	49,310
159	Leather goods	128	2,828,764	30,850	37,950	321,674	2,438,290	159	294	280,431	2,921	1,155,658
160	Leather, tanned, curried, and finished	147	19,062,817	633,849	2,251,812	2,204,338	13,972,818	199	193	264,724	6,530	2,775,115
161	Lime and cement	117	8,447,923	2,051,639	1,603,252	2,492,839	2,300,193	102	279	294,867	3,880	1,753,212
162	Liquors, distilled	16	394,906	24,740	76,200	82,731	211,235	20	19	24,468	62	26,621
163	Liquors, malt	225	95,057,875	13,022,037	22,686,162	15,843,299	43,506,377	153	1,721	3,673,854	7,424	5,630,996
164	Liquors, vinous	38	2,157,322	99,695	420,635	185,555	1,451,437	31	104	102,341	244	83,464
165	Lithographing and engraving	111	12,288,055	325,000	749,386	5,516,626	5,697,043	113	688	958,328	6,335	3,497,757
166	Lock and gun smithing	420	450,863	56,150	34,850	148,747	211,116	454	15	13,200	329	185,241
167	Looking-glass and picture frames	339	1,909,975	80,430	144,600	274,284	1,410,661	389	187	196,456	1,758	900,401
168	Lumber and timber products	1,765	21,873,203	8,097,840	1,648,986	3,853,452	8,272,925	2,161	333	270,891	6,850	2,737,361
169	Lumber, planing mill products, including sash, doors, and blinds.	509	22,941,540	2,564,841	2,882,382	3,687,736	13,806,581	648	860	857,588	11,515	5,583,243
170	Malt	57	13,656,870	2,624,808	4,302,968	1,012,843	5,716,251	47	94	120,722	756	363,198
171	Mantels, slate, marble, and marbleized	7	603,042	55,000	20,500	34,300	493,242	7	55	56,361	287	204,251
172	Marble and stone work	449	9,037,390	2,140,715	771,425	2,102,768	4,022,482	574	356	416,360	6,360	4,131,267
173	Masonry, brick and stone	905	12,915,072	1,189,466	917,540	1,499,418	9,308,648	1,089	573	675,548	16,634	10,391,281
174	Matches	3	649,750	62,000	212,000	213,500	162,250	3	6	11,500	328	96,116
175	Mats and matting	3	136,250	11,700	42,050	31,300	51,200	6	1	3,000	169	82,940
176	Mattresses and spring beds	152	1,359,855	31,416	58,186	166,908	1,103,345	181	155	174,161	1,303	619,377
177	Millinery and lace goods	393	7,720,991	53,950	67,350	1,112,325	6,487,366	571	1,180	1,052,169	11,274	4,031,573
178	Millinery, custom work	1,721	4,084,912	318,668	446,035	190,369	3,129,840	1,950	562	258,667	5,135	1,733,528
179	Mineral and soda waters	525	5,925,536	928,313	969,667	2,377,733	1,649,823	616	352	329,377	2,400	1,319,185
180	Mirrors	36	1,456,184	10,800	31,200	188,349	1,225,835	59	95	108,938	944	522,678
181	Models and patterns	105	675,443	48,150	80,600	161,088	385,605	123	34	36,771	547	375,441
182	Monuments and tombstones	408	2,773,915	481,555	331,851	287,739	1,672,770	517	104	88,436	1,523	988,962
183	Mucilage and paste	16	188,169	12,300	23,800	46,840	105,229	14	39	31,626	79	37,527
184	Musical instruments and materials, not specified.	58	1,146,213	37,200	50,650	173,038	885,325	56	42	47,346	443	237,495
185	Musical instruments, organs and materials.	17	269,336	22,000	32,000	66,900	148,436	23	4	4,000	151	101,900
186	Musical instruments, pianos and materials.	118	12,897,946	1,184,962	1,798,376	901,243	9,013,365	130	435	636,789	6,650	3,861,359
187	Needles and pins	8	237,306	800	24,500	92,500	119,506	7	15	13,900	190	63,101
188	Oil, essential	14	256,885	52,220	35,910	29,075	139,680	2	24	13,318	42	24,295
189	Oil, lard	3	218,773	15,000	15,000	13,516	175,257	3	14	14,142	47	25,904
190	Oil, linseed	9	4,084,574	893,786	493,653	883,814	1,813,321	9	64	114,216	391	199,174
191	Oil, not elsewhere specified	46	1,168,883	95,000	98,700	199,743	775,440	54	135	142,486	230	137,617
192	Oilcloth, floor	6	1,926,984	147,250	356,650	182,007	1,241,077	10	23	45,032	803	326,593
193	Optical goods	82	2,392,243	90,700	249,867	561,631	1,490,045	107	255	183,900	1,494	703,868
194	Painting, house, sign, etc	2,742	5,505,327	595,255	669,466	807,996	3,432,610	3,167	326	222,417	11,499	8,541,667
195	Paints	82	11,318,449	2,129,678	1,095,653	1,495,299	6,597,819	34	505	717,339	2,173	1,175,277
196	Paper and wood pulp	179	37,349,390	6,389,909	7,880,814	12,239,407	10,839,260	129	604	858,662	9,268	4,099,771
197	Paper goods, not elsewhere specified	64	3,937,106	292,246	515,754	885,207	2,243,899	71	302	386,618	1,972	740,999
198	Paper hanging	103	921,262	30,375	91,310	142,841	656,736	118	64	65,447	651	334,089
199	Paper hangings	18	4,086,264	120,788	384,393	1,514,200	2,066,883	8	249	424,021	2,128	1,093,375
200	Paper patterns	6	192,239	30,025	70,200	21,075	70,939	3	86	58,452	625	189,564
201	Patent medicines and compounds	392	12,809,437	1,193,270	1,765,640	1,029,901	8,820,626	364	1,379	1,471,594	2,885	1,182,657
202	Paving and paving materials	168	12,454,065	5,150,570	706,540	1,932,318	4,664,637	164	273	298,555	4,691	2,169,832
203	Pencils, lead	3	1,493,381	131,500	119,000	126,000	1,116,881	1	46	69,602	1,415	492,546
204	Pens, fountain and stylographic	9	261,670			25,175	236,495	8	49	56,834	105	48,395
205	Pens, gold	14	307,734			88,856	218,878	17	39	45,672	302	191,623
206	Perfumery and cosmetics	85	1,870,160	62,100	126,750	208,136	1,473,174	93	340	416,162	707	232,581
207	Petroleum, refining	4	16,970,492	2,383,796	1,068,691	6,771,064	6,746,941		312	575,313	2,629	1,306,084
208	Phonographs and graphophones	3	77,800			46,600	31,200	1	2	5,000	66	38,672
209	Photographic apparatus	21	1,223,188	46,800	164,720	196,353	815,315	11	91	67,373	1,412	539,662
210	Photographic materials	31	2,377,764	95,052	397,906	635,340	1,249,466	26	140	140,025	670	287,622
211	Photography	927	2,021,706	115,975	147,343	912,872	845,516	1,028	169	131,417	1,407	710,951
212	Photolithographing and photoengraving.	56	544,542			274,405	270,137	73	133	126,664	719	557,730
213	Pickles, preserves, and sauces	98	1,726,651	231,925	249,242	390,138	855,346	112	205	216,122	910	361,363
214	Pipes, tobacco	39	672,415	2,100	2,900	107,455	559,960	46	80	73,289	854	483,471
215	Plastering and stuccowork	152	676,141	41,100	33,050	123,325	478,666	212	39	41,540	1,108	880,045
216	Plated and britannia ware	13	1,122,989	21,455	78,364	309,124	714,046	17	118	94,578	880	359,647
217	Plumbers' supplies	43	1,517,419	190,220	165,800	357,243	804,156	32	136	158,996	695	384,593
218	Plumbing, and gas and steam fitting	2,491	11,192,264	1,148,699	1,248,409	1,209,197	7,585,959	2,958	707	568,504	12,677	8,245,839
219	Pocketbooks	52	385,296	13,510	44,150	31,196	296,440	65	71	52,526	636	252,614
220	Pottery, terra cotta, and fire-clay products.	52	4,102,667	908,764	1,163,615	641,221	1,389,067	43	176	200,468	2,270	872,583
221	Printing and publishing, book and job	1,412	24,114,794	702,910	920,352	12,155,818	10,335,714	1,656	1,879	1,945,692	16,273	9,265,500
222	Printing and publishing, music	22	987,093	5,000	2,000	130,463	849,630	29	129	89,522	215	119,736
223	Printing and publishing, newspapers and periodicals.	1,206	55,486,474	3,977,982	3,944,294	15,564,120	32,000,078	1,107	7,415	9,096,420	16,460	10,924,755
224	Printing materials	20	345,847	300	300	143,156	202,091	14	24	28,247	137	76,404
225	Pulp goods	9	1,434,893	17,475	112,044	231,310	1,074,064	2	35	50,704	376	161,035
226	Pumps, not including steam pumps	18	84,834	15,129	31,450	17,575	20,680	21			19	8,191

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
201	$95,947	-------	-------	-------	-------	$43,908	$3,750	$5,707	$32,852	$1,599	$275,873	$259,136	$16,737	$587,287	152
289	153,663	35	$11,516	5	$1,450	34,256	15,836	6,181	12,239	-------	264,406	261,758	2,648	587,205	153
81	51,568	78	24,867	15	3,000	36,921	14,690	125	16,606	5,500	82,202	79,224	2,978	295,007	154
1,011	477,535	74	20,460	15	2,460	162,938	46,723	5,102	99,913	11,200	926,234	913,293	12,941	2,350,587	155
376	444,676	14	4,571	8	1,387	66,886	20,583	4,843	40,751	709	4,514,539	4,506,513	8,026	5,500,861	156
227	118,113	-------	-------	-------	-------	36,273	13,018	292	22,963	-------	100,344	95,732	4,612	354,798	157
91	48,710	2	600	-------	-------	55,521	13,240	1,735	40,546	-------	1,468,727	1,456,671	12,056	1,773,228	158
1,815	850,784	1,044	293,884	62	10,990	540,922	106,939	3,250	384,363	46,370	3,523,609	3,505,411	18,198	6,336,683	159
6,397	2,738,721	122	33,510	11	2,884	558,470	39,090	50,148	468,232	1,000	17,424,300	17,254,947	169,353	23,205,991	160
3,861	1,748,174	6	2,360	13	2,678	635,461	59,274	56,884	518,953	350	2,408,569	1,817,623	590,946	6,188,342	161
61	26,361	1	260	-------	-------	909,958	6,725	1,567	901,666	-------	141,626	129,305	12,321	1,201,851	162
7,409	5,627,656	13	2,620	2	720	26,954,024	92,860	566,136	26,290,528	4,500	11,418,383	10,519,578	898,805	56,137,854	163
220	79,473	24	3,991	-------	-------	132,891	1,925	6,172	124,794	-------	382,887	378,626	4,261	942,548	164
5,111	3,192,477	984	268,532	240	36,748	1,543,750	281,433	39,204	1,134,581	88,532	3,790,350	3,703,786	86,564	11,062,856	165
310	180,482	11	3,347	8	1,412	93,434	77,710	1,288	13,011	1,425	193,396	181,846	11,550	822,723	166
1,643	875,952	90	20,283	25	4,166	340,356	175,383	7,247	147,829	9,897	1,749,925	1,730,835	19,090	4,026,374	167
6,751	2,719,966	77	12,985	22	4,410	523,407	60,151	94,294	367,402	1,560	9,038,425	9,030,619	7,806	15,766,977	168
11,311	5,548,396	21	5,164	183	29,683	1,197,987	205,389	95,297	756,270	141,031	18,507,066	18,350,843	156,223	29,756,257	169
756	363,198	-------	-------	-------	-------	326,542	55,120	48,313	220,180	2,929	4,510,431	4,377,308	133,123	5,918,025	170
286	204,051	-------	-------	1	200	92,390	4,650	1,114	86,626	-------	250,832	248,477	2,355	702,871	171
6,310	4,124,367	48	6,482	2	418	736,629	179,188	45,781	360,801	150,859	4,469,228	4,351,330	117,898	12,354,313	172
16,599	10,382,460	25	6,660	10	2,161	16,812,191	128,100	48,361	526,731	16,108,999	18,420,818	18,347,527	73,291	53,287,843	173
148	58,593	146	33,115	34	4,408	101,730	50	2,775	98,905	-------	648,542	647,417	1,125	1,192,692	174
166	81,440	3	1,500	-------	-------	11,676	-------	1,563	10,113	-------	95,905	92,881	3,024	232,700	175
1,023	521,736	272	96,608	8	1,033	222,984	101,995	2,046	111,152	7,791	2,008,381	1,992,015	16,366	3,732,486	176
1,913	1,122,397	9,264	2,891,810	97	17,366	1,139,237	520,447	8,665	509,654	100,471	11,177,259	11,102,021	75,238	21,037,782	177
102	51,000	4,982	1,675,626	51	6,902	845,301	612,975	12,609	217,870	1,847	5,417,171	5,378,989	38,182	10,844,072	178
2,349	1,308,539	25	5,859	26	4,787	662,390	140,583	43,329	478,478	-------	1,835,426	1,780,791	54,635	5,794,438	179
860	500,388	71	19,840	13	2,450	191,615	74,023	1,566	111,226	4,800	2,502,884	2,482,825	20,059	3,947,113	180
478	354,155	63	20,131	6	1,155	74,396	34,410	11,897	20,201	7,888	230,173	216,596	13,577	983,642	181
1,521	988,462	-------	-------	2	500	201,279	49,114	10,633	77,875	63,657	1,865,997	1,845,207	20,790	4,018,349	182
62	33,287	7	1,940	10	2,300	44,199	9,272	778	34,149	-------	140,992	136,918	4,074	312,381	183
387	223,891	48	11,604	8	2,000	52,116	23,926	2,650	24,040	1,500	305,749	297,924	7,825	763,408	184
143	99,700	5	1,500	3	700	17,858	7,634	803	9,321	100	119,339	116,133	3,206	326,517	185
6,476	3,831,639	15	4,055	159	25,665	1,124,314	208,165	64,173	785,561	66,415	6,443,196	6,350,600	92,596	14,419,914	186
91	41,741	88	19,360	11	2,000	13,116	3,460	53	9,603	-------	102,807	98,396	4,411	221,387	187
39	23,470	3	825	-------	-------	38,411	2,427	1,326	34,658	-------	412,832	400,360	12,472	531,000	188
46	25,695	1	209	-------	-------	39,040	7,192	1,972	29,876	-------	508,527	505,255	3,272	675,611	189
391	199,174	-------	-------	-------	-------	213,031	2,700	9,825	198,704	1,802	7,595,025	7,558,243	36,782	8,427,271	190
221	135,347	8	1,958	1	312	103,410	28,081	3,474	71,655	200	2,063,311	2,052,924	10,387	2,951,172	191
764	314,873	39	11,720	-------	-------	89,640	-------	11,859	77,781	-------	832,398	798,912	33,486	1,479,986	192
1,105	634,130	345	64,799	44	4,939	275,017	63,477	10,938	198,162	2,440	1,064,046	1,046,581	17,465	2,653,020	193
11,394	8,510,642	63	23,058	42	7,967	1,053,757	474,909	21,788	290,429	266,631	5,091,151	5,054,737	36,414	18,546,524	194
1,975	1,125,011	187	48,086	11	2,180	815,946	99,494	60,984	650,468	5,000	8,344,936	8,223,023	121,913	12,543,825	195
8,811	3,995,068	451	103,060	6	1,643	2,398,994	30,628	181,954	2,086,983	99,429	14,563,222	13,124,270	1,438,952	26,715,628	196
973	476,583	956	257,931	43	6,485	444,883	91,498	16,741	317,344	19,300	2,747,199	2,701,683	45,516	4,854,509	197
617	324,437	25	6,852	9	2,800	97,460	22,636	2,209	71,426	1,189	594,369	588,047	6,322	1,336,561	198
1,807	1,003,704	249	74,737	72	14,934	252,558	101,155	20,972	123,007	7,424	2,534,088	2,460,634	73,454	4,812,288	199
64	57,495	561	132,069	-------	-------	22,037	6,600	1,822	13,615	-------	86,547	86,087	460	388,675	200
1,309	736,309	1,559	443,488	17	2,860	5,845,921	170,091	63,817	5,559,117	52,896	4,914,438	4,843,081	71,357	17,075,937	201
4,688	2,169,426	-------	-------	8	406	359,019	44,272	28,070	250,877	35,800	3,469,564	3,376,362	93,202	7,503,566	202
523	291,032	758	179,798	134	21,716	191,382	720	13,289	177,373	-------	755,549	747,060	8,489	1,581,351	203
94	44,620	10	3,550	1	225	72,371	11,620	142	58,609	2,000	235,550	233,714	1,836	524,079	204
274	181,517	28	10,106	-------	-------	27,845	12,574	271	11,600	3,400	264,138	261,125	3,013	657,693	205
193	103,015	505	127,919	9	1,647	441,637	69,842	7,046	364,449	300	1,509,086	1,499,982	9,104	3,219,465	206
2,612	1,302,942	9	1,803	8	1,339	974,321	-------	142,423	831,898	-------	23,435,357	22,934,238	501,119	27,184,524	207
56	34,672	10	4,000	-------	-------	6,546	2,840	48	3,658	-------	46,148	45,800	348	119,980	208
1,208	458,456	152	60,674	52	20,532	139,923	33,078	2,485	101,360	3,000	377,189	366,755	10,434	1,236,342	209
426	226,510	240	60,417	4	695	201,847	12,069	5,658	174,677	9,443	1,446,405	1,417,153	29,252	2,950,534	210
1,006	569,708	372	136,040	29	5,203	475,833	340,625	4,383	118,772	12,053	1,036,764	1,013,213	23,551	3,626,083	211
694	544,797	14	10,823	11	2,110	94,067	52,389	371	34,932	6,375	223,542	209,698	13,844	1,178,579	212
535	262,411	364	97,232	11	1,720	379,797	76,626	7,299	295,872	-------	2,199,438	2,174,382	25,056	3,610,246	213
700	425,481	146	56,420	8	1,570	85,590	31,134	157	43,159	11,140	807,607	797,548	10,059	1,690,830	214
1,070	867,849	30	10,546	8	1,650	102,128	50,465	2,496	22,798	26,369	376,514	371,709	4,805	1,737,124	215
729	313,194	145	45,463	6	990	104,399	15,427	2,090	86,742	140	562,853	550,065	12,788	1,562,049	216
683	380,347	10	3,560	2	686	146,978	34,333	10,079	85,580	16,986	1,068,771	1,051,955	16,816	2,048,957	217
12,572	8,222,514	3	1,041	102	22,284	1,121,886	589,683	37,623	357,709	136,871	15,612,376	15,466,026	146,350	31,947,275	218
439	201,628	170	47,825	27	3,161	49,736	18,794	792	27,988	2,162	491,610	488,643	2,967	1,030,591	219
1,908	781,208	341	88,929	21	2,446	334,157	10,939	25,629	296,589	1,000	522,408	314,594	207,814	2,389,449	220
13,314	8,279,319	2,642	932,932	317	53,249	4,915,318	1,071,530	46,636	1,543,232	2,253,920	8,691,912	8,387,686	304,226	31,413,113	221
190	110,066	23	9,240	2	430	251,297	37,387	250	40,234	173,426	160,647	156,599	4,048	853,862	222
13,304	9,861,947	2,849	1,018,564	307	44,244	15,178,916	1,175,060	241,097	7,877,636	5,885,123	14,511,890	13,950,883	561,007	62,965,076	223
129	73,874	8	2,530	-------	-------	30,017	16,628	417	12,972	-------	154,490	149,517	4,973	384,180	224
350	156,700	26	4,335	-------	-------	45,105	7,100	1,781	36,224	-------	293,003	277,695	15,308	592,193	225
19	8,191	-------	-------	-------	-------	2,611	732	557	1,322	-------	14,812	14,105	707	47,104	226

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
227	Refrigerators	21	$846,717	$134,271	$187,956	$110,606	$413,884	25	36	$32,385	543	$252,732
228	Regalia and society banners and emblems.	37	317,448	35,000	50,000	28,651	203,797	44	28	23,277	177	60,983
229	Roofing and roofing materials	322	2,654,244	499,940	429,120	376,235	1,348,949	362	141	163,081	1,629	941,831
230	Rubber and elastic goods	55	4,114,297	176,909	404,077	723,672	2,809,639	58	214	312,234	2,103	832,113
231	Rules, ivory and wood	5	171,919	4,200	23,256	45,498	98,965	8	11	9,714	185	58,141
232	Saddlery and harness	1,258	3,371,161	280,244	448,396	411,105	2,231,416	1,338	123	106,111	2,034	1,029,696
233	Safes and vaults	4	682,190	94,121	39,600	322,291	226,778	2	54	47,844	125	60,207
234	Salt	38	17,231,864	6,387,587	6,143,385	2,338,407	2,362,485	5	157	247,373	1,279	542,909
235	Sausage	58	360,893	86,800	85,100	70,174	118,819	69	10	8,424	189	102,907
236	Saws	17	689,397	187,276	95,034	199,097	207,990	18	8	8,448	273	128,574
237	Scales and balances	17	718,322	82,000	109,800	112,384	414,138	16	77	71,280	507	238,973
238	Screws, machine	4	253,623	16,000	37,000	84,667	115,956	4	11	12,374	118	45,489
239	Sewing machine repairing	110	153,541	10,000	13,300	26,500	103,741	116	5	2,705	98	53,670
240	Sewing machines and attachments	12	130,282	100	400	38,650	91,132	13	42	27,572	75	40,672
241	Ship and boat building, wooden	218	6,138,915	1,674,472	646,203	1,373,636	2,444,604	268	123	154,676	3,464	2,014,788
242	Shipbuilding, iron and steel	9	3,536,165	1,273,066	401,862	642,370	1,218,867	7	74	110,673	2,108	1,167,171
243	Shirts	324	9,526,124	189,247	522,411	810,260	8,004,206	441	825	713,490	13,565	4,699,177
244	Shoddy	9	329,861	18,700	45,150	77,152	188,859	11	7	6,130	167	65,739
245	Show cases	19	228,735	25,737	8,900	47,432	146,666	19	33	29,840	300	158,967
246	Silk and silk goods	92	9,800,207	202,138	586,224	3,061,252	5,950,593	94	363	514,439	7,861	2,861,818
247	Silversmithing	23	467,275	12,500	15,000	106,650	333,125	33	29	36,092	478	298,651
248	Silverware	20	2,586,267	178,000	78,000	728,604	1,601,663	18	190	204,650	1,167	676,413
249	Slaughtering and meat packing, wholesale.	53	7,309,162	725,365	1,213,556	800,888	4,569,353	67	331	260,774	1,530	777,738
250	Slaughtering, wholesale, not including meat packing.	57	8,047,913	874,980	2,410,425	857,680	3,904,828	73	271	323,612	1,569	1,068,696
251	Smelting and refining, not from the ore	9	1,014,126	208,393	92,993	113,361	599,379	9	79	101,428	171	134,766
252	Soap and candles	91	7,669,979	780,074	1,147,564	1,431,628	4,310,713	97	742	577,259	2,020	821,340
253	Soda water apparatus	8	689,734	8,000	10,000	118,308	553,426	7	63	62,122	287	115,410
254	Sporting goods	56	450,926	17,850	27,900	84,090	321,086	58	48	36,952	475	136,650
255	Springs, steel, car and carriage	12	722,318	51,700	76,501	174,946	416,171	11	32	57,002	420	213,509
256	Stamped ware	41	5,014,779	362,268	931,500	1,126,069	2,624,942	60	219	230,486	3,510	1,320,902
257	Starch	15	3,547,305	717,180	1,072,223	696,892	1,061,010	17	79	149,169	996	471,662
258	Stationery goods, not elsewhere specified.	42	1,707,398	165,612	233,148	266,306	1,042,332	48	223	196,272	948	355,192
259	Steam fittings and heating apparatus	42	7,487,854	392,200	911,058	1,355,583	4,829,013	41	389	507,318	2,918	1,674,778
260	Steam packing	27	431,139	9,000	18,200	68,198	335,741	30	66	70,259	136	81,979
261	Stencils and brands	21	119,563	----------	100	74,923	44,540	27	8	6,700	137	65,056
262	Stereotyping and electrotyping	36	769,208	8,300	8,500	341,724	410,684	41	89	86,939	709	434,508
263	Sugar and molasses, refining	14	64,020,999	7,336,972	5,577,606	11,655,173	39,451,248	20	352	541,475	3,275	1,877,320
264	Surgical appliances	55	348,274	11,900	21,100	118,712	196,562	52	55	44,865	286	125,304
265	Taxidermy	27	115,932	9,700	15,850	3,634	86,748	30	5	3,224	63	37,904
266	Tin and terne plate	4	245,579	20,100	44,300	35,179	146,000	2	23	23,430	55	25,399
267	Tinfoil	12	1,879,427	103,500	1,003,600	473,427	298,900	11	37	46,461	469	187,998
268	Tinsmithing, coppersmithing, and sheet-iron working.	1,818	10,858,979	1,032,924	1,515,053	2,406,353	5,904,649	2,147	522	497,486	8,808	4,864,236
269	Tobacco, chewing, smoking, and snuff	42	1,757,687	116,550	160,883	250,019	1,230,235	38	137	188,629	1,020	345,704
270	Tobacco, cigars and cigarettes	3,055	20,733,667	1,035,796	1,374,625	1,227,535	17,095,711	3,423	1,259	1,563,367	26,051	11,157,020
271	Tobacco, stemming and rehandling	9	913,167	6,600	27,400	5,167	874,000	17	14	19,670	378	111,586
272	Tools, not elsewhere specified	77	2,022,806	66,700	107,082	287,464	1,561,560	95	75	57,613	556	274,322
273	Toys and games	49	669,746	25,300	60,850	194,985	388,611	60	39	48,088	582	211,651
274	Trunks and valises	88	1,140,660	42,000	79,000	115,126	904,534	110	125	101,696	1,178	582,452
275	Type founding	5	563,000	----------	----------	319,000	244,000	3	29	45,421	271	148,248
276	Typewriter repairing	11	11,306	----------	----------	5,530	5,776	8	7	10,540	32	23,499
277	Typewriters and supplies	21	3,782,014	150,513	347,786	919,422	2,364,293	7	157	178,651	1,848	1,083,939
278	Umbrellas and canes	117	1,639,806	41,600	55,500	179,839	1,362,867	159	200	161,712	1,629	626,823
279	Upholstering materials	49	633,224	39,240	50,500	139,814	403,670	63	66	51,736	690	253,876
280	Varnish	40	5,630,082	530,518	617,937	426,433	4,055,194	19	298	641,208	537	343,558
281	Vault lights and ventilators	8	78,600	2,500	4,000	32,600	39,500	10	5	9,180	98	56,660
282	Vinegar and cider	248	1,687,083	171,757	453,230	523,240	538,856	271	37	30,491	450	181,217
283	Washing machines and clothes wringers.	17	356,244	38,546	55,250	72,716	189,732	15	17	19,798	227	98,890
284	Watch and clock materials	4	18,468	----------	----------	10,600	7,868	2	1	411	9	3,221
285	Watch cases	13	2,582,472	110,500	205,412	497,303	1,769,257	10	69	106,358	1,075	630,782
286	Watch, clock, and jewelry repairing	1,778	1,841,443	129,483	193,716	517,747	1,000,497	1,863	66	36,178	1,293	751,691
287	Whalebone and rattan	3	56,200	----------	----------	4,200	52,000	3	----------	----------	14	7,856
288	Wheelbarrows	5	51,750	3,900	13,700	15,800	18,350	6	1	572	32	11,804
289	Whips	9	300,809	13,900	49,170	33,368	204,371	7	42	36,888	160	62,862
290	Window shades	58	2,186,556	149,060	244,387	468,789	1,324,320	67	86	114,162	646	252,380
291	Wire	3	96,135	1,500	6,000	42,894	45,741	3	7	5,014	45	19,428
292	Wirework, including wire rope and cable.	109	2,100,226	158,173	283,190	510,303	1,148,560	126	109	107,489	1,276	586,426
293	Wood, turned and carved	191	928,403	51,515	106,550	337,303	433,035	220	46	35,663	952	520,121
294	Woodenware, not elsewhere specified	9	61,492	4,675	9,425	18,588	28,804	13	3	3,000	87	32,866
295	Wool hats	5	896,852	46,500	100,082	130,095	620,175	3	23	42,462	930	403,213
296	Wool pulling	5	114,510	46,600	31,400	6,960	29,550	7	1	600	59	34,866
297	Woolen goods	65	7,338,813	440,506	919,362	1,871,495	4,077,450	73	210	231,733	4,033	1,399,527
298	Worsted goods	7	8,809,390	515,170	802,700	1,868,341	5,623,179	8	134	267,367	3,726	1,201,228
299	All other industries[1]	44	12,917,831	1,084,745	2,162,493	4,194,827	5,475,766	31	294	528,796	5,091	2,159,274

[1] Embraces belting and hose, rubber, 1; bone, ivory, and lamp black, 1; brass, 1; brass and copper, rolled, 2; cardboard, 1; cars, street railroad, not including operations of railroad companies, 2; coke, 1; copper, smelting and refining, 2; cotton, cleaning and rehandling, 1; cotton waste, 2; graphite and graphite refining, 1; hammocks, 1; hooks and eyes, 1; iron and steel, pipe, wrought, 2; jute and jute goods, 2; lard, refined, 2; leather board, 1; linen goods, 2; millstones, 1; oakum, 1;

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
536	$251,062	-------	----------	7	$1,670	$90,358	$11,028	$6,900	$52,430	$20,000	$466,336	$460,293	$6,093	$1,014,509	227
34	20,160	143	$40,823	-------	----------	52,949	19,349	886	19,244	13,470	188,120	187,058	1,062	400,054	228
1,620	940,263	1	468	8	1,100	267,275	63,385	11,527	169,550	22,813	1,892,861	1,848,383	44,478	3,959,080	229
1,009	532,876	1,052	291,038	42	8,199	317,510	53,367	12,818	217,605	33,720	2,997,636	2,939,563	58,073	5,303,824	230
124	47,837	48	8,348	13	1,956	14,967	1,570	313	13,084	----------	66,298	62,585	3,713	182,007	231
1,928	1,000,943	95	27,032	11	1,721	328,832	185,500	13,189	129,443	700	2,095,875	2,059,879	35,996	4,790,992	232
121	59,682	-------	----------	4	525	76,965	2,820	2,526	71,619	----------	127,801	124,301	3,500	334,848	233
1,137	509,436	133	32,106	9	1,367	329,701	21,671	19,069	288,161	800	958,302	652,298	306,004	2,698,691	234
188	102,667	1	240	-------	----------	38,357	17,374	2,348	17,819	816	649,846	637,709	12,137	972,159	235
251	122,140	22	6,434	-------	----------	20,479	2,320	3,625	11,134	3,400	209,353	195,580	13,773	433,835	236
506	238,823	-------	----------	1	150	67,072	28,584	6,007	32,481	----------	217,225	208,894	8,331	720,805	237
118	45,489	-------	----------	-------	----------	6,845	2,180	885	3,780	----------	49,271	47,626	1,645	155,637	238
94	52,274	4	1,396	-------	----------	29,220	24,244	232	4,439	305	80,275	78,219	2,056	255,523	239
75	40,672	-------	----------	-------	----------	22,522	6,810	71	15,131	510	48,682	46,885	1,797	196,006	240
3,426	2,006,374	9	4,136	29	4,278	210,445	70,095	23,043	101,752	15,555	1,882,659	1,847,846	34,813	5,423,717	241
2,100	1,164,415	2	936	6	1,820	98,970	15,400	23,934	34,636	25,000	1,233,338	1,211,553	21,785	3,223,654	242
3,227	1,603,131	10,229	3,079,038	109	17,008	3,313,052	261,488	11,512	788,997	2,251,055	10,721,902	10,654,414	67,488	22,782,302	243
137	58,695	28	6,781	2	263	18,122	2,440	1,134	14,548	----------	310,783	300,440	10,343	443,529	244
291	157,221	8	1,600	1	146	39,323	17,227	862	20,234	1,000	238,376	233,530	4,846	552,953	245
3,149	1,509,660	4,299	1,293,875	413	58,283	1,601,527	182,323	27,587	512,228	879,389	6,570,037	6,473,751	96,286	12,706,246	246
415	275,857	57	21,914	6	880	41,838	18,188	860	21,640	1,150	450,950	445,289	5,661	1,028,988	247
1,072	619,693	66	46,570	29	10,750	250,793	58,935	15,339	173,519	3,000	1,244,948	1,228,131	16,817	2,754,532	248
1,442	752,662	78	23,332	10	1,744	520,208	35,988	29,843	452,697	1,680	16,980,708	16,905,808	74,900	19,624,187	249
1,567	1,068,292	1	304	1	100	754,326	78,227	41,601	633,799	699	33,542,478	33,461,208	81,270	37,807,106	250
171	134,766	-------	----------	-------	----------	128,196	5,109	3,601	119,486	----------	1,475,144	1,447,118	28,026	2,143,850	251
1,442	701,505	410	95,917	168	23,918	2,020,165	98,860	30,924	1,885,944	4,437	7,853,624	7,749,501	104,123	12,833,645	252
277	113,269	9	1,985	1	156	72,918	17,678	5,103	50,137	----------	246,124	241,395	4,729	694,148	253
185	91,843	278	41,957	12	2,850	30,114	12,901	1,407	14,031	1,775	146,880	141,878	5,002	433,877	254
420	213,509	-------	----------	-------	----------	54,604	7,235	2,455	41,414	3,500	506,671	469,946	36,725	996,085	255
2,463	1,076,663	794	216,115	253	28,124	400,484	37,810	18,382	338,442	5,850	2,794,022	2,710,541	83,481	5,581,519	256
804	437,322	174	32,130	18	2,210	303,643	240	18,177	285,226	----------	1,704,054	1,616,559	87,495	2,589,903	257
514	219,004	427	134,875	7	1,313	247,984	36,352	5,759	200,073	5,800	894,506	882,963	11,543	2,141,758	258
2,839	1,655,100	77	19,158	2	520	599,072	58,613	23,448	505,183	11,828	3,551,978	3,486,064	65,914	7,751,104	259
133	81,261	2	510	1	208	67,509	8,854	1,033	57,542	80	306,739	301,017	5,722	633,823	260
111	60,473	25	4,508	1	75	16,891	10,204	205	6,332	150	32,104	30,725	1,379	169,569	261
637	416,348	66	17,123	6	1,037	112,911	42,460	1,502	60,849	8,100	229,263	208,899	20,364	1,093,696	262
3,221	1,862,669	54	14,651	-------	----------	2,300,545	22,730	141,608	2,134,349	1,858	86,148,971	85,440,742	708,229	90,680,478	263
142	83,201	141	41,655	3	448	173,434	21,698	705	144,481	6,550	166,355	162,742	3,613	663,139	264
53	34,006	8	3,598	2	300	12,299	7,780	427	2,866	1,226	87,922	87,085	837	183,764	265
55	25,399	-------	----------	-------	----------	14,058	----------	1,161	12,897	----------	366,409	363,934	2,475	463,199	266
227	125,648	208	56,435	34	5,915	156,382	28,206	4,805	123,371	----------	969,451	958,525	10,926	1,416,673	267
8,106	4,690,220	603	157,438	99	16,578	1,108,080	405,879	44,836	605,319	52,046	8,371,058	8,209,279	161,779	18,696,192	268
446	218,673	564	125,333	10	1,698	2,032,836	28,493	11,655	1,992,688	----------	1,734,072	1,716,965	17,107	4,632,101	269
15,342	7,688,913	10,513	3,441,573	196	26,534	10,055,023	694,794	59,729	9,885,709	14,791	17,380,949	17,291,763	89,186	49,028,479	270
164	68,184	204	42,030	10	1,372	14,220	6,625	1,108	6,487	----------	671,147	670,367	780	880,405	271
498	254,826	55	18,851	3	645	84,340	15,195	3,621	55,184	10,340	238,103	223,554	14,549	893,509	272
339	152,268	232	57,500	11	1,883	76,116	25,369	1,753	38,844	10,150	342,813	336,032	6,781	865,420	273
1,108	563,778	59	17,394	11	1,280	149,904	87,613	3,099	58,242	950	1,540,862	1,533,310	7,552	2,923,140	274
195	126,397	76	21,851	-------	----------	46,341	22,950	1,496	21,895	----------	111,040	105,006	6,034	425,855	275
32	23,499	-------	----------	-------	----------	4,236	2,930	----------	1,306	----------	12,342	12,023	319	54,942	276
1,745	1,050,373	93	32,138	10	1,428	375,234	22,915	13,893	338,426	----------	682,826	663,376	19,450	3,823,992	277
728	359,363	890	266,147	11	1,313	276,559	93,506	1,730	154,643	26,680	3,329,846	3,311,496	18,350	5,259,019	278
298	141,760	378	109,403	14	2,713	106,556	29,945	1,203	60,776	14,632	579,334	571,820	7,514	1,270,752	279
515	335,003	21	8,360	1	195	537,238	13,202	26,204	497,332	500	3,954,088	3,908,448	45,640	6,334,467	280
98	56,660	-------	----------	-------	----------	8,453	6,765	150	1,538	----------	84,440	82,125	2,315	221,000	281
429	177,379	18	3,461	3	377	63,418	5,866	5,713	51,339	500	749,955	721,302	28,653	1,347,365	282
221	97,554	3	936	3	400	16,004	2,885	1,639	10,788	692	409,209	405,930	3,279	614,833	283
9	3,221	-------	----------	-------	----------	1,850	703	125	1,022	----------	1,593	1,436	157	9,307	284
960	596,460	104	32,177	11	2,145	126,751	8,338	6,856	111,557	----------	2,031,910	2,019,812	12,098	3,165,512	285
1,186	727,906	42	13,794	65	9,991	400,082	287,165	5,040	78,346	29,531	696,193	669,816	26,377	3,268,963	286
13	7,356	1	500	-------	----------	4,657	2,320	----------	2,337	----------	98,875	98,350	525	135,000	287
32	11,804	-------	----------	-------	----------	2,399	300	194	855	1,050	16,392	16,027	365	37,938	288
84	42,756	74	19,906	2	200	23,013	2,180	1,187	18,580	1,066	159,035	156,805	2,230	341,863	289
475	213,538	159	36,829	12	2,013	169,629	36,961	6,046	126,622	----------	2,203,897	2,186,541	17,356	3,045,945	290
41	18,618	1	160	3	650	10,027	1,980	----------	6,159	1,888	148,620	144,916	3,704	193,670	291
1,108	540,908	154	43,668	14	1,850	133,152	37,305	5,695	86,152	4,000	1,181,510	1,150,291	31,219	2,424,492	292
935	515,673	6	2,058	11	2,390	88,116	49,577	2,566	33,901	2,072	509,535	479,655	29,880	1,539,617	293
87	32,866	-------	----------	-------	----------	3,333	1,108	194	1,206	825	31,282	30,542	740	85,060	294
609	319,729	310	81,558	11	1,926	68,296	8,462	2,974	56,860	----------	789,348	770,326	19,022	1,376,721	295
59	34,866	-------	----------	-------	----------	7,755	60	1,920	5,475	300	3,552	1,987	1,565	56,731	296
1,913	827,179	1,974	549,253	146	23,095	761,841	38,824	23,906	658,545	40,566	3,499,864	3,415,627	84,237	6,715,005	297
1,613	645,539	1,737	503,777	376	51,912	241,410	1,832	20,638	218,940	----------	3,406,918	3,341,290	65,628	5,958,259	298
3,867	1,913,324	995	212,109	229	33,841	849,970	91,916	64,338	681,669	12,047	22,174,822	21,805,447	369,375	27,788,165	299

oilcloth, enameled, 2; ordnance and ordnance stores, 1; registers, car fare, 1; rice, cleaning and polishing, 2; sand and emery paper and cloth, 2; straw goods, not elsewhere specified, 1; sugar and molasses, beet, 2; turpentine and rosin, 1; watches, 1; windmills, 2; wood, preserving, 1.

TABLE 8.—MANUFACTURES IN CITIES

ALBANY.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	1,566	$21,328,764	$2,607,764	$3,817,985	$4,564,761	$10,338,254	1,703	918	$1,016,805	12,389	$6,111,059
2	Agricultural implements	3	180,500	500	5,500	76,500	98,000	3	10	10,190	54	26,600
3	Awnings, tents, and sails	6	30,235	2,100	1,600	3,335	23,200	8	1	350	12	5,861
4	Bicycle and tricycle repairing	15	26,543	500	1,000	8,345	16,698	16	2	268	17	7,774
5	Blacksmithing and wheelwrighting	59	123,730	19,450	26,550	25,255	52,475	63			102	64,501
6	Bookbinding and blank book making	6	24,537			13,980	10,557	6	1	320	47	22,055
7	Boot and shoe uppers	3	3,000			1,800	1,200	3			5	2,300
8	Boots and shoes, custom work and repairing.	120	49,784	3,966	5,517	15,160	25,141	117			53	20,080
9	Bottling	4	58,300	6,600	24,000	6,900	20,800	4	4	3,512	29	12,362
10	Boxes, cigar	3	10,200			2,900	7,300	3	1	600	27	7,470
11	Boxes, fancy and paper	4	16,046			9,271	6,775	7	6	2,387	94	23,403
12	Bread and other bakery products	70	402,431	59,800	119,400	88,246	134,985	70	58	25,476	223	108,568
13	Brick and tile	5	143,000	43,000	13,500	15,500	71,000	5	3	2,400	80	33,000
14	Brooms and brushes	3	17,415	2,100	2,500	2,900	9,915	3	2	1,350	13	5,282
15	Carpentering	79	397,625	35,850	50,800	65,510	245,465	85	13	9,380	532	304,831
16	Carpets, rag	4	2,390			2,015	375	6				
17	Carriages and wagons	11	225,625	47,400	55,500	21,200	101,525	22	5	7,624	98	61,283
18	Cars and general shop construction and repairs by steam railroad companies.	3	1,708,685	140,000	250,800	514,394	803,491		25	22,973	1,953	1,067,156
19	Clothing, men's, custom work and repairing.	128	277,580	13,466	31,167	21,935	211,012	140	23	15,468	430	193,738
20	Clothing, men's, factory product	27	104,885	450	550	13,405	90,480	29	23	14,700	137	45,837
21	Clothing, women's, dressmaking	243	158,312	4,550	8,250	34,962	110,550	252			380	116,034
22	Clothing, women's, factory product	7	180,748	500	2,000	14,727	163,521	14	21	15,572	284	94,867
23	Coffee and spice, roasting and grinding	4	198,150	6,250	23,500	10,400	158,000	7	9	7,500	39	23,950
24	Confectionery	35	278,558	31,225	57,600	83,803	105,930	38	18	8,530	165	61,797
25	Cooperage	7	42,090	10,000	14,900	2,940	14,250	7			25	11,592
26	Dyeing and cleaning	9	23,490	5,900	11,100	3,950	2,540	9	1	364	19	6,481
27	Electrical construction and repairs	6	20,750			3,450	17,300	8			20	13,166
28	Electroplating	3	10,520	1,000	900	6,900	1,720	3	1	936	13	6,100
29	Engraving, steel, including plate printing.	4	21,300			7,300	14,000	8	6	4,000	26	16,924
30	Fancy articles, not elsewhere specified	3	5,280			880	4,400	3			14	5,252
31	Flavoring extracts	6	11,925	1,000	2,000	1,850	7,075	6	3	750	8	2,658
32	Foundry and machine shop products	21	898,306	83,500	208,700	265,647	340,459	26	50	61,584	777	395,063
33	Fur goods	3	6,750	900	1,200	650	4,000	3			5	2,320
34	Furniture, cabinetmaking, repairing, and upholstering.	32	114,285	9,450	19,500	11,135	74,200	36	8	3,800	56	83,071
35	Hats and caps, not including fur hats and wool hats.	5	17,000			1,800	15,200	6			19	8,964
36	Hosiery and knit goods	4	428,938	11,302	15,000	93,787	308,849	3	5	3,836	376	112,589
37	Ironwork, architectural and ornamental.	4	178,360	18,400	39,400	33,500	87,060	5	4	3,664	163	82,576
38	Liquors, malt	10	3,776,272	388,600	1,338,108	942,607	1,106,957	4	106	276,987	343	235,935
39	Lock and gun smithing	14	24,660	3,550	5,650	7,145	8,315	16			14	7,932
40	Looking-glass and picture frames	5	106,542	32,000	34,000	5,337	35,205	5	5	3,900	19	10,858
41	Lumber, planing mill products, including sash, doors, and blinds.	9	413,050	31,000	89,800	103,500	188,750	12	11	9,520	236	112,549
42	Marble and stone work	5	9,950			950	9,000	5	1	500	21	12,000
43	Masonry, brick and stone	29	307,509	7,850	9,900	20,865	268,894	35	13	14,416	531	324,338
44	Millinery, custom work	33	85,527	2,000	7,000	5,845	70,682	40	31	8,449	119	41,106
45	Mineral and soda waters	9	57,000	4,500	9,000	14,500	29,000	10	7	5,200	22	10,808
46	Models and patterns	3	13,250			10,300	2,950	3			18	8,004
47	Monuments and tombstones	9	55,900	3,100	1,250	7,250	44,300	10	3	1,100	28	19,184
48	Mucilage and paste	3	62,679	5,500	18,600	15,600	22,979	1	8	6,820	22	9,050
49	Musical instruments and materials, not specified.	3	6,600			3,300	3,300	4			6	4,200
50	Oil, not elsewhere specified	5	60,750	4,000	8,000	1,750	47,000	6	8	5,240	7	3,680
51	Optical goods	3	9,440			1,140	8,300	4	3	1,300	2	792
52	Painting, house, sign, etc	53	99,419	4,250	9,150	14,043	71,976	55	4	3,108	189	122,717
53	Paper hanging	8	35,305			965	34,340	7	1	600	41	29,992
54	Patent medicines and compounds	14	29,970	1,275	2,125	2,405	24,165	16	2	780	14	5,848
55	Paving and paving materials	6	96,100	15,500	16,100	28,000	36,500	7	10	6,800	139	53,715
56	Photography	13	35,030			18,000	17,030	13	2	864	22	12,536
57	Photolithographing and photoengraving.	3	22,000			13,500	8,500	1	4	5,360	30	25,536
58	Plumbing, and gas and steam fitting	60	359,477	27,470	66,950	42,572	222,485	77	20	10,604	420	249,085
59	Printing and publishing, book and job	29	1,253,446	41,500	83,300	490,497	638,149	31	77	68,202	685	347,876
60	Printing and publishing, newspapers and periodicals.	15	714,443	18,000	28,000	341,900	326,543	11	50	53,937	392	232,963
61	Roofing and roofing materials	9	53,675	3,000	5,000	7,050	38,625	10	4	3,600	81	41,102
62	Saddlery and harness	20	20,203			3,205	16,998	20			25	14,499
63	Shirts	7	307,974	20,000	70,000	20,221	197,753	9	8	10,504	446	147,653
64	Slaughtering and meat packing, wholesale.	6	113,653	4,500	9,500	9,455	90,198	7			30	14,364
65	Tinsmithing, coppersmithing, and sheet-iron working.	16	16,197	500	1,000	4,255	10,442	17	2	900	23	13,103
66	Tobacco, chewing, smoking and snuff	3	133,190	5,000	11,038	11,056	106,096	2	15	16,436	90	40,238

BY SPECIFIED INDUSTRIES: 1900.

ALBANY.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
9,734	$5,350,042	2,541	$739,767	114	$21,250	$2,383,917	$309,631	$105,062	$1,747,941	$221,283	$11,121,501	$10,865,899	$255,602	$24,992,021	1
54	26,600					6,032	2,200	572	3,260		31,617	29,997	1,620	75,940	2
9	4,825	3	1,036			1,396	955	45	396		18,767	18,532	235	37,370	3
16	7,474			1	300	2,740	2,142	40	558		11,962	11,654	308	37,737	4
100	64,085			2	416	8,912	6,064	1,014	1,834		59,403	55,968	3,435	192,149	5
29	15,272	17	6,583	1	200	3,669	1,903	123	1,643		20,327	19,621	706	55,092	6
4	1,800	1	500			273	226		44	3	4,818	4,755	63	10,683	7
50	19,404	3	676			9,900	8,333	209	1,208	150	41,278	39,820	1,458	138,159	8
24	11,300	5	1,062			4,207	600	136	3,471		52,084	51,414	670	93,508	9
10	4,030	17	3,440			607	432		175		12,198	12,115	83	30,194	10
24	7,533	70	15,870			5,495	3,625		1,870		33,800	33,490	310	87,420	11
195	102,814	22	4,740	6	1,014	27,112	8,718	3,891	14,503		413,156	400,313	12,843	755,961	12
80	33,000					5,445	325	700	4,420		12,880	2,380	10,500	63,300	13
11	4,682	2	600			737	300	102	335		11,008	10,768	240	21,600	14
530	304,207			2	624	83,492	5,316	2,216	5,822	70,138	459,865	458,538	1,327	1,009,984	15
						528	318		210		695	615	80	3,200	16
98	61,283					5,447	1,316	2,095	2,036		58,366	56,005	2,361	168,975	17
1,945	1,064,682	8	2,474			25,531		7,000	18,531		1,445,069	1,425,971	19,098	2,560,666	18
337	168,658	57	24,032	6	1,048	44,806	31,808	1,365	5,924	5,709	306,922	303,885	3,037	747,842	19
42	20,832	93	24,845	2	160	13,441	3,863	70	1,933	7,575	91,135	89,595	1,540	209,075	20
12	7,752	367	108,204	1	78	26,172	19,895	332	5,945		123,806	118,599	5,207	439,886	21
37	24,570	247	70,297			11,273	6,600	125	3,625	923	191,065	190,025	1,040	369,177	22
37	23,430	2	520			9,017	400	901	7,516	200	242,935	241,329	1,606	320,300	23
95	45,601	68	15,696	2	500	20,388	9,937	2,059	8,392		245,866	242,842	3,024	437,814	24
25	11,592					1,157	60	454	643		30,401	30,346	55	58,251	25
10	4,155	9	2,326			2,338	720	448	1,170		7,578	6,686	892	27,980	26
20	13,166					2,463	1,718		745		31,135	30,981	154	60,922	27
12	6,000			1	100	558	420	38	100		3,149	2,524	625	17,150	28
13	12,624	10	3,676	3	624	3,085	1,685		1,400		9,356	9,300	56	38,146	29
2	1,248	12	4,004			820	450		370		3,345	3,285	60	11,438	30
5	1,946	2	512	1	200	1,247	602	47	598		12,669	12,619	50	22,877	31
747	385,563	30	9,500			35,078	8,360	5,735	18,682	2,301	311,624	284,703	26,921	949,248	32
1	280	4	2,040			2,556	320	15	121	2,100	8,645	8,570	75	20,000	33
54	32,271	2	800			9,560	5,471	1,070	2,819	200	40,535	39,562	973	119,739	34
10	6,232	9	2,732			1,031	776		255		22,141	21,898	243	47,000	35
64	30,159	312	82,430			24,247	2,200	535	21,512		315,822	314,283	1,539	500,914	36
163	82,576					11,404	72	1,354	9,978		92,590	89,772	2,818	218,582	37
341	235,597	2	338			1,061,377	200	30,069	1,031,108		527,657	492,648	35,009	2,478,991	38
14	7,932					2,655	2,057	162	436		11,455	11,076	379	32,696	39
19	10,858					2,502	718	1,130	654		38,708	38,346	362	55,167	40
221	109,125	4	1,240	11	2,184	16,023	3,000	2,107	8,416	2,500	223,997	223,427	570	415,044	41
21	12,000					855	620		235		9,910	9,875	35	30,905	42
531	324,338					24,662	2,120	452	14,890	7,200	747,388	745,539	1,849	1,211,226	43
1	468	115	40,048	3	590	20,651	14,950	125	5,576		102,096	101,354	742	233,889	44
22	10,808					3,487	816	292	2,379		23,496	23,161	335	66,550	45
18	8,004					305	255		50		13,689	13,654	35	33,207	46
27	18,784			1	400	4,957	896	116	1,245	2,700	33,270	32,715	555	79,415	47
12	6,750			10	2,300	2,671		425	2,246		17,332	16,862	470	44,750	48
6	4,200					710	410		300		51,008	50,765	243	71,150	49
7	3,680					4,952	655	666	3,631		54,860	54,626	234	89,167	50
1	428	1	364			3,425	2,325		1,100		29,575	29,335	240	40,519	51
188	122,535			1	182	7,784	4,800	325	2,539	120	60,371	59,816	555	263,707	52
41	29,992					3,534	2,744		790		23,060	22,907	153	69,199	53
11	5,423	3	425			3,118	1,000	85	2,033		10,726	10,341	385	35,522	54
139	53,715					20,753	25	495	17,033	3,200	52,265	49,215	3,050	180,838	55
17	10,506	5	2,030			7,935	6,375	52	1,487	21	14,962	14,631	331	51,485	56
30	25,536					3,672	1,265	7	2,400		9,653	8,743	910	49,716	57
418	248,785			2	300	25,682	10,359	1,751	13,177	395	481,078	476,455	4,623	937,368	58
524	296,840	148	49,014	13	2,022	181,168	47,513	2,132	27,778	103,745	332,316	325,508	6,808	1,244,810	59
360	221,595	30	11,036	2	332	58,416	5,364	1,795	40,454	10,803	143,343	132,487	10,856	592,124	60
78	40,502			3	600	3,995	2,248	175	1,422	150	41,091	40,529	562	111,489	61
25	14,499					3,429	2,882		547		17,239	16,869	370	52,487	62
44	19,552	399	127,581	3	520	16,925	1,450	1,727	12,748	1,000	153,411	152,144	1,267	469,058	63
30	14,364					13,007	2,325	320	10,362		344,029	342,764	1,265	399,468	64
23	13,103					2,374	2,048	19	307		22,776	22,432	344	53,492	65
76	36,238	14	4,000			100,154	1,344	343	98,467		64,696	63,184	1,512	257,519	66

TABLE 8.—MANUFACTURES IN CITIES

ALBANY—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
67	Tobacco, cigars and cigarettes	71	$383,500	$8,910	$12,925	$15,555	$346,110	89	28	$21,628	280	$151,982
68	Toys and games	3	108,110	8,000	30,000	41,100	29,010	3	5	11,000	61	22,620
69	Watch, clock, and jewelry repairing	32	29,066	1,400	2,800	13,320	11,546	32	4	1,040	32	21,261
70	Wood, turned and carved	3	13,000	1,300	2,500	5,800	3,400	3			9	5,100
71	All other industries[1]	106	6,118,604	1,405,900	953,855	855,541	2,903,308	113	183	240,476	1,697	752,928

[1] Embraces artificial feathers and flowers, 1; axle grease, 1; bags, paper, 1; baking and yeast powders, 1; belting and hose, leather, 1; billiard tables and materials, 2; bluing, 1; boots and shoes, factory product, 2; boxes, wooden packing, 2; brass castings and brass finishing, 2; bridges, 1; buttons, 1; calcium lights, 1; cars and general shop construction and repairs by street railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; chemicals, 2; cleansing and polishing preparations, 1; cloth, sponging and refinishing, 1; clothing, men's, factory product, buttonholes, 1; cork, cutting, 1; corsets, 1; cutlery and edge tools, 2; druggists' preparations, not including prescriptions, 1; dye stuffs and extracts, 1; emery wheels, 1; engraving and diesinking, 2; engraving, wood, 1; felt goods, 1; files, 2; flouring and grist mill products, 2; foundry supplies, 1; furnishing goods, men's, 2; furniture, factory product, 1; gas, illuminating and heating, 1; gas machines and meters, 1; glass, cutting, staining, and ornamenting, 2; gold and silver, leaf and foil, 1; grease and tallow, 1; hairwork, 2; hand stamps, 1; hardware, 1; house furnishing goods, not elsewhere specified, 1; ink, writing, 2; jewelry, 1; jewelry and instrument cases, 1; lasts, 1; leather, tanned, curried, and finished, 1;

AMSTERDAM.

1	All industries	213	$10,119,879	$598,241	$1,219,204	$2,537,060	$5,765,374	257	197	$223,221	6,769	$2,680,359
2	Bicycle and tricycle repairing	3	1,140			400	740	3			2	890
3	Blacksmithing and wheelwrighting	18	24,570	10,460	6,590	3,050	4,470	20			15	7,015
4	Boots and shoes, custom work and repairing.	7	1,040			715	325	8				
5	Bread and other bakery products	9	23,425	7,000	8,000	3,075	5,350	9			19	9,339
6	Brooms and brushes	7	444,622	42,400	75,943	103,474	222,805	12	26	24,347	293	138,392
7	Carpentering	13	23,965	2,900	1,650	8,315	11,100	14			42	28,880
8	Carpets and rugs, other than rag	3	3,560,901	56,000	406,306	744,583	2,354,012	3	46	67,397	2,173	860,027
9	Carriages and wagons	3	2,400			1,100	1,300	4			6	3,100
10	Clothing, men's, custom work and repairing.	13	12,620			1,805	10,815	14	2	520	21	9,477
11	Clothing, women's, dressmaking	6	1,100			465	635	6			14	4,196
12	Confectionery	3	2,750			1,650	1,100	4			2	325
13	Foundry and machine shop products	11	559,790	56,000	35,000	177,500	291,290	15	9	18,837	278	142,754
14	Hosiery and knit goods	19	3,333,479	222,580	343,824	1,001,430	1,765,645	31	56	63,059	2,858	1,051,147
15	Lumber, planing mill products, including sash, doors, and blinds.	3	65,365	11,000	10,800	13,100	30,465	6	2	1,565	36	16,868
16	Masonry, brick and stone	4	8,230	1,700	3,400	2,380	750	4			24	10,278
17	Millinery, custom work	3	18,850	5,000	10,000	300	3,550	5			8	2,800
18	Painting, house, sign, etc	6	9,645			750	8,895	7			15	7,645
19	Photography	3	8,100			4,800	3,300	3			4	1,700
20	Plumbing, and gas and steam fitting	6	46,434	4,300	8,000	5,700	28,434	8	2	750	34	20,460
21	Printing and publishing, book and job	3	7,300			5,600	1,700	4			9	3,068
22	Printing and publishing, newspapers and periodicals.	8	56,400	1,800	8,200	40,700	5,700	3	4	3,016	28	15,482
23	Saddlery and harness	4	6,925	375	2,800	750	3,000	4			3	1,470
24	Tinsmithing, coppersmithing, and sheet-iron working.	8	17,650			4,450	13,200	8			30	18,136
25	Tobacco, cigars and cigarettes	14	22,505	1,700	4,300	1,030	15,475	15			34	16,423
26	Watch, clock, and jewelry repairing	7	4,800			2,000	2,800	7			5	2,972
27	All other industries[1]	34	1,855,873	175,026	294,391	407,938	978,518	40	50	43,730	816	307,515

[1] Embraces bookbinding and blank book making, 1; boxes, cigar, 1; boxes, fancy and paper, 2; boxes, wooden packing, 1; brick and tile, 2; buttons, 2; corsets, 1; dyeing and finishing textiles, 1; flouring and grist mill products, 1; furniture, cabinetmaking, repairing, and upholstering, 1; gas, illuminating and heating, 1; hand stamps, 1; hats and caps, not including fur hats and wool hats, 1; liquors, malt, 1; lock and gun smithing, 1; looking-glass and picture frames, 1; marble

AUBURN.

1	All industries	316	$12,810,363	$587,200	$1,623,859	$1,704,799	$8,894,505	355	343	$333,495	6,530	$2,706,948
2	Agricultural implements	3	6,084,941	145,000	522,163	226,177	5,191,601	2	111	119,106	1,551	767,342
3	Bicycle and tricycle repairing	8	20,650	200	300	4,700	15,450	8			13	5,902
4	Blacksmithing and wheelwrighting	20	17,290	1,700	2,300	4,235	9,055	21			25	13,449
5	Boots and shoes, custom work and repairing.	14	5,370	800	800	1,630	2,140	14			8	2,786
6	Bread and other bakery products	14	45,500	5,700	4,800	14,775	20,225	14	16	5,244	41	20,717
7	Carpentering	17	30,936	3,300	4,650	6,220	16,766	18	1	156	93	47,620
8	Carriages and wagons	6	46,068	4,000	12,700	4,914	24,454	6	2	582	19	8,050
9	Clothing, men's, custom work and repairing.	11	15,758			1,085	14,673	12	2	1,650	33	11,305
10	Clothing, women's, dressmaking	24	14,622	500	500	2,330	11,292	26	1	117	78	16,856
11	Clothing, women's, factory product	5	187,409	13,000	14,500	7,300	152,609	8	14	9,512	184	41,788
12	Confectionery	7	10,850	500	2,000	3,475	4,875	9	2	600	7	2,250
13	Dyeing and cleaning	4	6,400	1,100	2,000	2,400	900	5	2	600	4	988
14	Flouring and grist mill products	3	127,500	26,000	30,000	28,000	43,500	5	1	700	15	7,344
15	Foundry and machine shop products	7	1,073,781	22,156	90,151	372,896	588,578	8	38	41,876	529	289,734
16	Furniture, cabinetmaking, repairing, and upholstering.	6	11,195	1,800	4,700	910	3,785	9			8	4,464
17	Liquors, malt	4	599,068	41,000	368,000	114,768	75,300	4	11	17,650	44	29,375
18	Looking-glass and picture frames	4	11,775			575	11,200	3	6	2,179	7	3,118
19	Masonry, brick and stone	6	25,900	7,175	2,500	2,725	13,500	10	1	416	108	43,753
20	Millinery, custom work	13	46,144	1,100	3,400	525	41,119	15	7	2,180	50	11,554
21	Monuments and tombstones	3	6,900			550	6,350	5			9	6,100

BY SPECIFIED INDUSTRIES: 1900—Continued.

ALBANY—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
221	$134,760	55	$16,532	4	$690	$58,128	$9,330	$404	$48,394		$167,623	$166,410	$1,213	$502,227	67
45	17,732	16	4,888			2,658	240	783	1,635		21,844	20,388	1,456	77,456	68
29	20,796	2	340	1	125	5,655	4,552	75	1,028		14,182	13,652	530	72,237	69
9	5,100					476	100	118	258		6,946	6,633	313	16,725	70
1,320	653,851	345	93,336	82	5,741	303,658	36,515	26,221	240,772	$150	2,477,437	2,404,648	72,789	4,714,139	71

lithographing and engraving, 1; malt, 2; mattresses and spring beds, 1; mirrors, 1; musical instruments, organs and materials, 1; musical instruments, pianos and materials, 2; paints, 2; paper and wood pulp, 1; paper goods, not elsewhere specified, 2; perfumery and cosmetics, 1; photographic materials, 1; pickles, preserves, and sauces, 1; plumbers' supplies, 1; pottery, terra cotta, and fire-clay products, 2; regalia and society banners and emblems, 1; sausage, 1; saws, 1; scales and balances, 1; ship and boat building, wooden, 2; shoddy, 1; silversmithing, 1; slaughtering, wholesale, not including meat packing, 2; soap and candles, 1; stamped ware, 1; stationery goods, not elsewhere specified, 1; steam fittings and heating apparatus, 2; stencils and brands, 1; stereotyping and electrotyping, 1; surgical appliances, 1; tools, not elsewhere specified, 1; typewriter repairing, 2; umbrellas and canes, 1; window shades, 2; wirework, including wire rope and cable, 2; wool pulling, 1.

AMSTERDAM.

3,904	$1,722,464	2,694	$909,464	171	$48,431	$584,019	$36,889	$32,564	$494,223	$20,343	$6,424,315	$6,313,755	$110,560	$11,502,316	1
2	890					550	408		142		1,645	1,615	30	5,500	2
15	7,015					1,346	1,083	144	119		8,020	7,419	601	32,440	3
						770	720		50		1,944	1,875	69	5,493	4
19	9,339					2,924	2,320	300	304		50,080	48,630	1,450	75,820	5
292	137,992			1	400	25,055		1,658	23,397		339,998	336,077	3,921	602,933	6
42	28,880					3,975	181	121	173	3,500	47,170	47,060	110	94,835	7
1,280	550,805	816	296,147	77	13,075	106,642		8,297	98,345		1,751,585	1,728,677	22,908	3,408,589	8
6	3,100					488	360	30	98		2,955	2,795	160	9,600	9
19	8,850	2	627			3,139	2,609		530		11,333	10,893	440	37,875	10
		14	4,196			372	287		85		1,247	1,125	122	8,815	11
1	175			1	150	415	375		40		2,870	2,750	120	5,700	12
270	139,865	8	2,889			20,368	4,495	1,084	14,789		155,710	148,788	6,922	432,786	13
1,037	441,883	1,762	580,500	59	28,764	281,418	9,288	13,162	244,620	14,348	2,516,287	2,481,846	34,441	4,259,138	14
36	16,868					2,020		525	1,495		37,891	37,493	398	60,595	15
24	10,278					207	90	57	60		21,174	21,174		36,500	16
		8	2,800			1,473	309	150	1,014		11,005	11,000	5	22,500	17
15	7,645					1,491	1,175	6	310		6,886	6,749	137	26,338	18
2	1,000	1	500	1	200	1,125	708		417		3,160	3,095	65	9,000	19
34	20,460					2,533	1,232	25	976	300	40,643	40,125	518	79,260	20
6	2,392			3	676	609	500		109		2,662	2,481	181	12,400	21
27	15,326			1	156	1,905	520	145	1,161	79	7,029	6,461	568	56,414	22
3	1,470					531	336	48	197		4,262	4,205	57	9,125	23
30	18,136					3,192	2,415		777		31,885	31,445	440	62,500	24
34	16,423					7,256	1,787	175	5,294		21,557	21,305	252	59,045	25
5	2,972					1,769	1,500	13	256		1,745	1,595	150	11,372	26
705	280,700	83	21,805	28	5,010	112,396	4,191	6,624	99,465	2,116	1,343,572	1,307,077	36,495	2,077,743	27

and stone work, 1; mineral and soda waters, 2; monuments and tombstones, 2; needles and pins, 1; oil, linseed, 1; paper and wood pulp, 1; paper hanging, 2; shoddy, 2; slaughtering and meat packing, wholesale, 1; springs, steel, car and carriage, 1; woolen goods, 1.

AUBURN.

4,669	$2,243,504	1,709	$437,496	152	$25,948	$644,549	$49,381	$35,778	$529,005	$30,385	$5,630,925	$5,499,075	$131,850	$10,591,109	1
1,537	763,681	14	3,661			166,499		10,227	156,272		1,188,176	1,146,653	41,523	2,338,191	2
13	5,902					1,561	1,057	25	479		7,205	7,052	153	22,100	3
25	13,449					2,857	2,474	51	332		10,881	9,837	1,044	45,842	4
8	2,786					1,463	1,254	22	187		6,812	6,672	140	16,537	5
37	19,706	2	725	2	286	3,751	2,346	84	1,321		83,176	80,741	2,435	152,749	6
92	47,320	1	300			10,920	343	151	1,126	9,300	75,929	75,794	135	168,630	7
19	8,050					10,397	731	236	1,000	8,430	6,974	6,477	497	42,361	8
20	8,580	13	2,725			2,335	1,351		984		23,422	23,153	269	59,805	9
2	992	76	15,864			2,925	2,370	10	545		26,832	26,722	110	65,904	10
7	3,626	177	38,162			2,232	974	414	844		137,352	135,863	1,489	249,548	11
3	1,000	4	1,250			3,477	2,531	25	921		17,919	17,689	230	33,464	12
4	988					820	480	40	300		1,217	916	301	8,094	13
15	7,344					3,220		1,120	2,100		178,837	178,762	75	202,540	14
529	289,734					123,861	1,320	2,484	120,057		518,694	511,959	6,735	1,110,982	15
8	4,464					1,236	754	95	387		9,723	9,588	135	20,450	16
44	29,375					78,122		2,670	70,452		53,644	48,759	4,885	184,662	17
7	3,118					1,677	686		991		6,251	6,151	100	15,965	18
108	43,753					1,070		104	966		33,978	33,978		93,770	19
		50	11,554			8,738	5,632	126	2,980		31,277	30,820	457	76,600	20
9	6,100					940	640		800		10,430	10,110	320	20,150	21

TABLE 8.—MANUFACTURES IN CITIES

AUBURN—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
22	Painting, house, sign, etc	8	$7,250			$1,800	$5,450	9	1	$250	54	$18,427
23	Photography	10	14,777	$300	$1,200	6,050	7,227	10			18	8,508
24	Plumbing, and gas and steam fitting	7	55,791	2,000	3,000	4,240	46,551	9	6	2,406	49	23,336
25	Printing and publishing, book and job	5	23,350	250	1,500	16,400	5,200	6	1	300	21	6,338
26	Printing and publishing, newspapers and periodicals.	3	122,450	26,000	29,000	51,450	16,000	6	2	1,850	85	29,600
27	Saddlery and harness	7	95,709	1,300	4,500	19,376	70,533	8	6	5,302	40	17,171
28	Shirts	8	8,450	1,000	3,000	3,250	1,200	4	1	400	7	1,945
29	Tinsmithing, coppersmithing, and sheet-iron working.	8	17,435	2,500	4,000	4,150	6,785	15			27	14,145
30	Tobacco, cigars and cigarettes	15	18,603	300	900	1,430	15,973	20			25	12,413
31	Watch, clock, and jewelry repairing	9	4,200	100	200	1,800	2,100	10			10	4,247
32	All other industries[1]	61	4,054,291	278,419	511,095	794,663	2,470,114	56	111	120,419	3,368	1,236,323

[1] Embraces awnings, tents, and sails, 1; bicycles and tricycles, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 1; bottling, 2; boxes, fancy and paper, 2; brassware, 1; brick and tile, 1; brooms and brushes, 1; buttons, 1; carpets and rugs, other than rag, 1; cheese, butter, and condensed milk, factory product, 2; clothing, men's, factory product, 2; cordage and twine, 1; cutlery and edge tools, 1; electroplating, 1; files, 1; flavoring extracts, 1; fruits and vegetables, canning and preserving, 1; fur hats, 1; gas, illuminating and heating, 1; gloves and mittens, 1; grease and tallow, 2; hairwork, 1; hand stamps, 1;

BINGHAMTON.

1	All industries	594	$9,295,859	$707,736	$1,086,719	$2,549,843	$4,951,561	663	517	$490,442	6,106	$2,461,084
2	Bicycle and tricycle repairing	12	27,411	2,000	4,800	5,066	15,545	16			17	7,534
3	Blacksmithing and wheelwrighting	24	23,138	4,350	3,800	5,720	9,268	30	1	600	24	13,878
4	Bookbinding and blank book making	3	6,590			5,900	690	3			6	1,895
5	Boots and shoes, custom work and repairing.	32	8,155	250	650	4,500	2,755	32			9	4,131
6	Bottling	3	25,100	3,000	8,000	4,700	9,400	3	1	624	10	4,200
7	Bread and other bakery products	11	139,477	11,000	13,800	71,140	43,537	12	9	10,784	81	38,694
8	Carpentering	40	103,710	10,175	15,525	19,850	58,160	49	2	1,512	303	212,184
9	Carriages and wagons	9	330,738	36,300	42,600	25,949	225,889	7	16	19,116	193	89,645
10	Cheese and butter, urban dairy products.	4	3,221	50	250	1,375	1,546	3			2	780
11	Clothing, men's, custom work and repairing.	47	52,278	250	275	6,798	44,955	51	4	3,191	77	34,128
12	Clothing, men's, factory product	6	735,682	85,000	57,000	53,755	539,927	10	67	49,742	662	183,187
13	Clothing, women's, dressmaking	66	19,065	950	2,720	6,950	8,445	70			142	35,010
14	Confectionery	7	12,800			5,700	7,100	10	2	850	16	6,306
15	Flavoring extracts	3	20,119	500	1,151	1,823	16,645	3	5	4,783	10	3,116
16	Flouring and grist mill products	5	226,960	46,060	19,500	43,000	118,400	4	12	12,270	33	15,408
17	Foundry and machine shop products	11	623,389	52,965	83,283	101,432	385,709	9	32	27,982	236	117,267
18	Furniture, cabinetmaking, repairing, and upholstering.	7	13,775	400	700	6,000	6,675	5	7	5,625	18	8,464
19	Furniture, factory product	3	315,926	20,000	65,000	53,500	177,426	5	24	22,400	398	165,782
20	Gloves and mittens	3	12,926	300	250	1,819	10,557	5			20	6,637
21	Liquors, malt	3	247,960	16,350	55,650	111,500	64,460	3	12	13,008	25	14,006
22	Lock and gun smithing	4	4,300			2,400	1,900	5			3	1,368
23	Looking-glass and picture frames	4	7,625	200	300	575	6,550	4	6	2,300	8	2,832
24	Lumber, planing mill products, including sash, doors, and blinds.	5	568,194	74,000	68,072	68,360	357,762	10	32	21,203	271	117,838
25	Marble and stone work	4	34,000		1,600	8,660	23,740	3	5	3,604	41	25,692
26	Masonry, brick and stone	12	28,020	770	1,035	8,050	18,165	14	2	1,218	155	94,177
27	Millinery, custom work	17	88,670	5,000	2,000	2,220	29,450	18	4	2,800	66	19,327
28	Mineral and soda waters	6	30,830	2,000	8,100	11,500	9,230	8			8	3,415
29	Painting, house, sign, etc	21	9,407	400	300	3,475	5,232	24	1	250	61	29,815
30	Patent medicines and compounds	13	647,252	10,900	31,100	19,865	585,387	19	30	15,006	102	35,002
31	Perfumery and cosmetics	3	92,442	35,000	10,000	15,030	32,412	2	6	5,600	12	4,334
32	Photography	8	18,156			7,645	10,511	10	2	772	8	3,286
33	Plastering and stuccowork	4	2,200	450	550	725	475	4			5	2,624
34	Plumbing, and gas and steam fitting	17	188,841	14,000	30,000	12,048	132,793	23	14	6,974	84	54,001
35	Printing and publishing, book and job	11	32,400	2,000	2,000	21,900	6,500	11	1	1,000	18	5,656
36	Printing and publishing, newspapers and periodicals.	6	228,954	12,000	28,000	125,036	63,918	4	29	19,232	82	48,807
37	Saddlery and harness	9	31,200	850	950	2,425	26,975	9	2	1,500	20	8,730
38	Shirts	5	32,022	300	250	7,000	24,472	7	8	3,670	73	17,685
39	Tinsmithing, coppersmithing, and sheet-iron working.	10	30,705	1,500	2,000	8,030	19,175	10			28	15,488
40	Tobacco, chewing, smoking, and snuff	3	4,101			1,200	2,901	4	3	3,000	13	2,500
41	Tobacco, cigars and cigarettes	53	1,042,924	59,500	86,050	56,865	840,509	66	70	113,824	1,446	491,618
42	Watch, clock, and jewelry repairing	14	9,480			5,130	4,350	14			14	5,493
43	All other industries[1]	66	3,265,716	198,966	439,458	1,625,227	1,002,065	64	108	116,002	1,306	509,144

[1] Embraces agricultural implements, 1; awnings, tents, and sails, 1; baking and yeast powders, 1; boots and shoes, factory product, 2; boxes, cigar, 2; boxes, fancy and paper, 1; boxes, wooden packing, 1; brass castings and brass finishing, 1; brassware, 1; brick and tile, 1; carriages and sleds, children's, 1; cars and general shop construction and repairs by steam railroad companies, 2; cheese, butter, and condensed milk, factory product, 2; chemicals, 2; china decorating, 1; clothing, men's, factory product, buttonholes, 1; clothing, women's, factory product, 1; coffee and spice, roasting and grinding, 1; combs, 1; dyeing and cleaning, 2; electrical construction and repairs, 2; envelopes, 1; fancy articles, not elsewhere specified, 1; fur goods, 2; fur hats, 1; gas, illuminating and heating, 1; glass, 1;

BY SPECIFIED INDUSTRIES: 1900—Continued.

AUBURN—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
54	$18,427					$1,466	$480		$986		$12,620	$12,575	$45	$52,644	22
13	7,001	5	$1,507			3,840	1,930	$28	1,322	$560	9,526	9,046	480	32,575	23
47	22,984	1	192	1	$160	2,673	1,792	78	803		70,998	70,568	430	121,659	24
10	3,640	11	2,698			1,361	830	35	496		8,099	7,499	600	25,325	25
41	19,700	43	9,700	1	200	3,880	120	1,214	2,377	169	13,968	12,738	1,230	95,750	26
34	15,782	6	1,389			5,620	2,057	248	3,315		40,249	38,970	1,279	86,998	27
2	720	5	1,225			347	110	50	187		3,228	3,110	118	6,530	28
27	14,145					1,639	1,001	55	583		41,924	41,617	307	89,123	29
23	12,029	2	334			6,658	1,346	26	5,286		20,703	20,522	181	52,784	30
10	4,247					1,240	1,020	3	217		3,900	3,850	50	13,460	31
1,921	864,861	1,299	346,160	148	25,302	192,724	13,752	16,157	150,889	11,926	2,976,981	2,910,884	66,097	5,085,917	32

hardware, 1; iron and steel, 2; iron and steel, forgings, 2; lime and cement, 1; lumber, planing mill products, including sash, doors, and blinds, 2; malt, 2; marble and stone work, 1; mattresses and spring beds, 2; mineral and soda waters, 1; musical instruments, pianos and materials, 1; optical goods, 1; paints, 1; patent medicines and compounds, 1; paving and paving materials, 2; roofing and roofing materials, 1; sausage, 1; silk and silk goods, 1; sporting goods, 1; tools, not elsewhere specified, 1; vinegar and cider, 1; washing machines and clothes wringers, 1; wood, turned and carved, 2; woolen goods, 2.

BINGHAMTON.

3,970	$1,878,395	2,113	$579,134	23	$3,555	$1,040,419	$86,397	$29,385	$893,400	$31,237	$6,339,365	$6,231,353	$108,012	$12,638,547	1
16	7,334	1	200			1,616	1,078	120	318	100	13,946	13,397	549	29,759	2
24	13,878					3,225	2,782	99	344		11,492	10,576	916	52,821	3
2	1,079	4	816			575	332	5	238		1,308	1,206	102	5,292	4
9	4,131					2,149	1,991	13	145		9,545	9,171	374	81,701	5
10	4,200					3,469	378	40	3,051		17,313	17,263	50	30,539	6
73	36,258	8	2,436			16,900	5,098	576	11,226		149,206	145,104	4,102	245,858	7
303	212,184					16,568	2,230	299	4,708	9,331	300,560	299,425	1,135	644,800	8
187	88,251	6	1,394			13,606	655	946	11,930	75	166,829	164,324	2,505	313,511	9
1	650	1	130			379	315	5	59		9,690	9,548	142	12,512	10
45	23,224	32	10,904			27,877	6,862	92	1,843	19,080	60,570	59,684	886	174,409	11
65	29,894	597	153,293			60,790	3,390	3,129	54,271		697,145	692,440	4,705	1,079,783	12
1	576	140	34,330	1	104	6,226	4,994	50	1,182		7,941	6,791	1,150	86,725	13
12	5,144	4	1,162			1,767	1,535		232		33,999	33,488	511	48,926	14
5	2,076	5	1,040			6,148	825	23	5,300		51,601	51,511	90	68,839	15
33	15,408					10,919	500	1,148	9,271		1,030,981	1,014,369	16,612	1,142,925	16
236	117,267					36,681	798	1,639	34,044	200	137,088	132,540	4,548	396,240	17
17	8,364	1	100			1,658	810	9	839		18,277	17,862	415	40,982	18
378	160,872	17	4,400	3	510	5,703	1,000	958	3,745		191,557	186,407	5,150	461,681	19
10	3,351	10	3,286			253	145	6	102		24,046	23,971	75	36,263	20
25	14,006					78,718		1,254	77,464		45,148	41,835	3,313	181,810	21
3	1,368					528	466		62		1,118	937	181	7,270	22
7	2,632	1	200			488	340	9	139		10,804	10,724	80	20,400	23
271	117,838					40,364	720	3,724	35,920		404,532	400,857	3,675	652,191	24
41	25,692					3,679	420	15	3,244		39,880	39,100	780	87,019	25
155	94,177					2,957	362	25	2,570		176,143	175,793	850	291,174	26
		66	19,327			6,445	5,053	85	1,307		62,967	62,672	295	113,819	27
8	3,415					5,008	1,210	101	3,697		8,114	7,969	145	26,700	28
61	29,815					2,079	1,060	16	193	810	13,428	13,308	120	63,248	29
40	15,514	62	19,488			130,679	864	737	129,078		228,819	227,488	1,331	839,162	30
11	4,034	1	300			3,103	135	790	2,178		40,796	39,797	999	59,511	31
4	1,758	4	1,528			2,728	2,132		596		6,342	6,117	225	21,078	32
5	2,624					90	24	14	52		3,920	3,910	10	10,600	33
84	54,001					7,199	3,383	450	2,766	600	159,598	158,420	1,178	276,487	34
12	4,640	1	275	5	741	2,030	1,238	56	736		9,195	8,453	742	28,582	35
78	47,303	3	1,404	1	100	11,310	4,130	1,105	6,075		44,005	41,849	2,156	224,124	36
19	8,380	1	350			1,194	1,028	7	159		21,868	21,477	391	39,164	37
5	2,240	68	15,445			1,937	950	10	977		33,985	33,522	463	71,124	38
28	15,488					2,764	1,690	182	892		28,531	28,132	399	56,994	39
12	2,230	1	270			5,423	618	23	4,782		4,050	3,844	206	12,975	40
553	224,224	893	267,394			391,673	12,322	1,942	377,409		503,219	500,866	2,353	1,951,842	41
14	5,493					2,721	2,556	26	139		2,778	2,665	113	20,213	42
1,107	467,382	186	39,662	13	2,100	120,793	9,978	9,657	100,117	1,041	1,557,031	1,512,541	44,490	2,679,494	43

glass, cutting, staining, and ornamenting, 1; hairwork, 1; hardware, 1; house furnishing goods, not elsewhere specified, 1; leather, tanned, curried, and finished, 1; lithographing and engraving, 1; mattresses and spring beds, 2; models and patterns, 2; monuments and tombstones, 2; musical instruments, organs and materials, 1; optical goods, 1; paper and wood pulp, 1; roofing and roofing materials, 2; sausage, 2; scales and balances, 2; stencils and brands, 1; stereotyping and electrotyping, 1; varnish, 1; vinegar and cider, 1; washing machines and clothes wringers, 1; whips, 1; wirework, including wire rope and cable, 2; wood, turned and carved, 1; wool hats, 1.

TABLE 8.—MANUFACTURES IN CITIES

BUFFALO.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	3,902	$103,939,655	$11,658,359	$15,563,836	$31,705,763	$45,011,697	4,280	4,184	$3,680,491	43,422	$19,915,817
2	Awnings, tents, and sails	8	34,162			5,245	28,917	11	3	825	50	19,650
3	Baking and yeast powders	8	25,975	1,500	2,000	1,800	20,675	9	9	3,924	10	2,762
4	Baskets, and rattan and willow ware	4	18,080	300	20	1,060	16,700	4	1	1,600	15	6,352
5	Belting and hose, leather	3	149,675			20,961	128,714	5	10	6,525	21	8,711
6	Bicycle and tricycle repairing	114	106,396	2,375	3,900	41,292	58,829	126	7	4,937	102	45,151
7	Bicycles and tricycles	14	1,063,957	111,715	157,503	238,535	556,204	11	65	69,844	597	264,476
8	Blacking	6	75,589	1,400	7,024	6,200	60,965	7	26	22,879	48	10,120
9	Blacksmithing and wheelwrighting	157	339,805	93,040	82,600	50,853	113,312	167	4	2,520	242	148,739
10	Bluing	3	2,760	900	950	110	800	3			2	1,000
11	Bookbinding and blank book making	8	51,951	8,500	3,500	21,512	18,439	9	6	4,240	102	39,896
12	Boots and shoes, custom work and repairing.	227	111,158	25,947	19,475	30,771	34,965	226	2	1,162	75	32,170
13	Boots and shoes, factory product	17	540,398	7,500	13,550	116,161	403,187	19	69	59,063	725	192,439
14	Bottling	14	147,965	8,300	6,500	20,591	112,574	15	11	8,156	41	17,886
15	Boxes, cigar	3	24,780	6,900	3,500	4,900	9,480	3			25	7,200
16	Boxes, fancy and paper	9	145,673	6,000	6,000	54,640	79,033	13	12	9,552	374	76,845
17	Boxes, wooden packing	6	300,544	11,500	36,200	69,053	183,791	8	16	9,872	373	99,452
18	Brass castings and brass finishing	7	47,182	2,000	1,000	19,492	24,690	8	2	1,326	32	15,723
19	Bread and other bakery products	154	1,946,937	282,500	333,706	856,501	474,230	163	129	96,079	1,003	413,025
20	Brick and tile	6	677,955	320,150	99,900	137,800	120,105	12	7	4,974	222	92,859
21	Bridges	5	304,735	10,000	22,939	112,579	159,217	5	20	28,306	334	116,821
22	Brooms and brushes	10	66,259	16,700	19,300	5,223	25,036	13	2	704	39	15,783
23	Carpentering	179	993,913	232,109	214,250	98,605	448,949	199	20	10,169	1,184	648,531
24	Carpets, rag	12	20,646	2,906	1,775	11,565	4,400	13	2	422	25	7,975
25	Carriage and wagon materials	8	250,800	20,000	15,000	51,500	164,300	1	16	20,500	131	54,181
26	Carriages and wagons	58	1,387,426	327,665	253,713	196,887	609,161	65	35	21,980	456	255,260
27	Cars and general shop construction and repairs by steam railroad companies.	11	1,968,332	279,072	374,080	540,267	774,913		87	68,857	3,686	1,729,837
28	Chemicals	4	1,558,880	140,179	175,853	499,403	743,445		26	59,560	125	71,119
29	China decorating	3	2,940			340	2,600	3				
30	Clothing, men's, custom work and repairing.	452	1,251,059	181,485	247,650	92,839	729,085	490	53	37,675	1,536	607,718
31	Clothing, men's, factory product	119	1,708,661	42,250	36,550	69,893	1,554,968	141	90	87,578	1,485	450,111
32	Clothing, men's, factory product, buttonholes.	4	7,475	1,500	1,800	3,375	800	4			27	8,730
33	Clothing, women's, dressmaking	303	190,056	20,100	28,800	38,250	102,906	315	10	9,018	785	190,919
34	Clothing, women's, factory product	10	75,681			11,482	64,199	13	9	4,602	258	57,289
35	Coffee and spice, roasting and grinding	12	231,400	37,500	69,000	14,400	110,500	21	13	16,600	16	5,915
36	Confectionery	35	459,684	14,300	12,675	132,522	300,187	48	96	56,630	558	139,211
37	Cooperage	35	265,445	56,275	47,750	47,840	113,580	41	7	8,200	353	185,069
38	Corsets	7	4,700			1,580	3,120	7	3	200	12	3,428
39	Cotton small wares	3	104,308	7,500	17,000	31,760	48,048	5	8	5,300	98	22,759
40	Dentists' materials	5	12,785			3,812	8,973	1	2	2,100	11	4,584
41	Druggists' preparations, not including prescriptions.	3	107,256			5,256	102,000	1	19	18,700	27	6,970
42	Dyeing and cleaning	16	48,257	12,310	12,100	14,728	9,119	17	2	1,248	56	26,257
43	Electrical apparatus and supplies	8	125,660	8,500	5,500	19,105	92,555	7	10	8,230	50	19,943
44	Electrical construction and repairs	13	88,681			11,001	77,680	20	23	10,189	86	45,524
45	Electroplating	9	14,725			9,400	5,325	13	1	240	19	8,970
46	Enameling and enameled goods	5	7,925	1,800	2,800	1,800	1,525	6			18	7,440
47	Engraving and diesinking	6	56,725			30,799	25,926	6	6	2,240	52	17,652
48	Fancy articles, not elsewhere specified	10	20,850	500	400	4,600	15,350	10	1	600	29	9,935
49	Flavoring extracts	6	53,600	6,500	10,000	4,100	33,000	5	8	5,570	15	5,582
50	Flouring and grist mill products	9	1,593,589	384,573	330,978	398,200	479,838	11	37	43,937	195	112,331
51	Food preparations	5	464,700	84,300	175,400	89,800	115,200	5	34	18,640	193	66,258
52	Foundry and machine shop products	86	8,613,240	885,751	863,107	2,855,711	4,508,671	90	353	308,150	3,694	1,988,906
53	Fur goods	13	62,622			2,790	59,832	15	5	2,178	47	17,115
54	Furniture, cabinetmaking, repairing, and upholstering.	54	92,971	13,450	19,875	9,939	49,707	60	3	1,850	117	56,924
55	Furniture, factory product	18	2,329,454	141,700	303,705	490,958	1,393,091	25	73	84,474	1,126	453,886
56	Glass, cutting, staining, and ornamenting.	7	58,815			17,166	41,649	7	11	11,570	39	38,362
57	Gloves and mittens	4	63,666			7,704	55,962	3	19	12,398	54	18,844
58	Grease and tallow	4	81,600	25,700	28,000	10,000	17,900	4	3	2,000	9	4,217
59	Hairwork	6	12,825			375	12,450	6			21	5,394
60	Hand stamps	5	27,543			10,833	16,710	6	1	900	16	5,972
61	Hardware	4	328,738	10,000	41,144	70,941	206,653	5	25	21,550	406	163,539
62	Hats and caps, not including fur hats and wool hats.	6	21,850			8,350	13,000	9			57	16,486
63	Instruments, professional and scientific	4	135,465			36,653	98,812		13	22,592	58	30,617
64	Iron and steel	3	1,631,289	65,000	514,696	337,619	713,974		32	49,036	371	541,893
65	Ironwork, architectural and ornamental.	7	805,060	34,132	32,928	60,971	177,029	6	13	17,203	138	85,526
66	Jewelry	10	322,029			29,316	292,713	13	13	32,585	173	87,277

BY SPECIFIED INDUSTRIES: 1900—Continued.

BUFFALO.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
36,252	$18,432,353	6,606	$1,408,828	564	$74,636	$9,559,245	$963,661	$416,299	$7,579,805	$599,480	$73,359,466	$71,774,498	$1,584,968	$122,230,061	1
30	14,263	20	5,337			6,999	4,258		2,741		38,055	37,617	438	84,123	2
6	1,906	4	856			1,863	1,430	88	345		23,915	23,745	170	48,720	3
14	6,052	1	300			2,168	1,658	10	500		9,500	9,265	235	25,500	4
21	8,711					8,022	3,900		4,122		89,468	88,181	1,287	130,882	5
97	44,497	1	200	4	454	18,694	15,302	75	2,707	610	106,442	103,500	2,942	267,111	6
585	261,576	12	2,900			117,009	6,398	4,278	106,333		596,761	583,113	13,648	1,222,602	7
6	2,408	41	7,556	1	156	13,201	2,040	146	11,015		64,889	64,409	480	134,519	8
240	148,329			2	410	25,653	19,388	2,540	3,725		133,408	123,589	9,819	486,384	9
1	500	1	500			215	170	45			3,085	3,025	60	7,300	10
51	29,294	50	10,446	1	156	6,273	2,339	250	2,369	1,315	15,707	15,179	528	80,954	11
72	31,590	2	510	1	70	20,718	18,007	589	2,122		80,793	77,757	3,036	257,883	12
430	149,971	259	37,888	36	4,580	36,926	6,840	204	29,882		571,450	564,934	6,516	890,493	13
40	17,786			1	100	11,273	4,238	457	6,578		180,279	179,477	802	250,106	14
12	4,780	13	2,420			1,059	480	175	404		10,579	10,129	450	23,983	15
55	30,900	310	45,023	9	922	19,853	8,270	103	11,480		101,341	100,402	939	237,504	16
351	96,680			22	2,772	20,921	7,706	695	12,520		350,306	349,481	825	531,117	17
31	15,548	1	175			3,616	1,904	75	837	800	40,432	38,909	1,523	75,196	18
728	366,910	270	45,366	5	749	233,089	35,589	12,720	184,780		1,412,693	1,375,449	37,244	2,548,447	19
218	92,238			4	621	27,763		11,001	16,762		38,347	11,909	26,438	202,982	20
334	116,321					10,146	550	1,010	7,086	1,500	293,106	288,454	4,652	529,000	21
38	15,685	1	98			1,491	410	458	623		43,102	42,635	467	81,559	22
1,184	648,531					186,236	9,450	4,865	21,863	150,058	1,440,802	1,437,760	3,042	2,729,751	23
17	6,475	8	1,500			5,519	1,784	87	3,548	100	3,255	2,813	442	26,911	24
106	43,988	25	10,193			29,675	650	830	28,195		252,683	250,700	1,983	366,100	25
455	254,960	1	300			62,194	10,864	5,149	45,276	905	375,195	365,548	9,647	1,021,194	26
3,675	1,726,721	11	3,116			45,080		14,521	30,559		2,667,553	2,636,237	31,316	4,513,333	27
125	71,119					29,086	900	3,596	24,590		1,109,559	1,072,391	37,168	1,939,378	28
						369	328		41		1,801	1,685	116	3,500	29
907	451,421	624	155,843	5	454	193,423	86,583	6,484	56,007	44,349	1,007,570	995,508	12,062	2,531,241	30
425	249,090	1,047	199,495	13	1,526	283,164	33,578	1,048	48,863	199,675	1,464,610	1,457,002	7,608	2,793,474	31
15	6,760	12	1,970			425	250	65	110		3,665	3,520	145	17,055	32
49	34,040	731	156,529	5	350	44,398	33,867	847	9,474	210	224,230	217,753	6,477	713,850	33
20	12,807	237	44,297	1	185	37,847	2,635		35,212		143,212	142,250	962	273,249	34
11	4,795	5	1,120			7,214	4,256	730	1,623	605	169,458	167,298	2,160	241,603	35
244	91,271	303	47,197	11	743	62,212	29,069	505	32,638		784,385	774,951	9,434	1,211,759	36
351	184,614			2	455	13,433	4,605	1,527	7,301		311,591	309,095	2,496	631,498	37
		12	3,428			1,586	1,427		159		6,223	6,077	146	18,481	38
35	14,335	63	8,424			5,780	1,350	180	4,250		61,874	60,974	900	151,000	39
9	3,934	1	500	1	150	1,801	354		447	1,000	2,339	2,234	105	19,228	40
8	3,796	19	3,174			13,643	1,876		11,767		29,152	28,837	315	77,236	41
34	18,657	20	7,300	2	800	6,629	3,465	382	2,782		10,540	8,700	1,840	73,971	42
50	19,943					19,999	2,710	155	17,134		75,714	74,609	1,105	161,188	43
32	44,906			4	618	9,147	4,128		5,019		148,752	148,107	645	278,965	44
19	8,970					2,519	2,167	4	348		6,620	6,009	611	29,015	45
17	7,196	1	250			553	446	57	50		1,886	1,466	420	16,047	46
41	15,717	4	850	7	1,085	6,083	2,432		3,651		16,826	16,059	767	60,545	47
5	2,305	24	7,630			3,236	2,160	12	564	500	19,050	18,930	120	44,095	48
8	3,530	7	2,052			4,705	1,038	450	3,217		37,272	36,914	358	77,360	49
195	112,331					71,868	512	13,986	57,370		2,932,191	2,902,064	30,127	3,263,697	50
78	42,010	115	24,248			20,904	138	2,162	18,604		770,807	766,169	4,638	1,454,130	51
3,656	1,978,368	22	7,349	16	3,189	504,650	80,162	30,699	385,593	8,196	3,069,198	2,931,230	137,968	6,816,057	52
11	6,612	36	10,503			11,440	8,042		3,398		43,768	43,440	328	107,065	53
107	55,091	9	1,700	1	133	13,135	9,838	503	2,794		65,995	64,488	1,507	179,752	54
1,082	445,755	14	4,099	30	4,032	81,676	11,060	7,104	63,512		720,105	709,117	10,988	1,644,671	55
58	29,191	31	9,171			4,458	3,060		1,398		52,781	52,111	670	131,631	56
25	10,820	28	7,934	1	90	2,336	1,406		930		55,126	54,437	689	106,000	57
9	4,217					1,338		617	721		52,201	51,133	1,068	71,029	58
1	936	20	4,458			2,578	1,600		978		9,994	9,815	179	23,779	59
14	5,478	2	494			3,420	1,070		850	1,500	6,382	6,195	187	26,200	60
370	155,453	36	8,086			16,418	1,680	875	13,863		258,304	255,159	3,145	412,036	61
20	8,644	37	7,842			3,126	2,736		390		27,186	26,610	576	57,794	62
48	28,201	10	2,416			9,791	2,450	491	6,850		14,747	13,982	765	108,178	63
834	534,158	34	7,308	3	432	130,008	30,020	7,580	92,408		1,629,168	1,099,717	529,451	2,624,547	64
188	85,526					33,836	1,304	1,060	7,407	24,065	425,524	421,540	3,984	648,480	65
152	81,509	16	5,168	5	600	12,065	4,736	250	5,529	1,550	194,410	193,385	1,025	413,845	66

TABLE 8.—MANUFACTURES IN CITIES

BUFFALO—Continued.

	Manufacturing and mechanical industries.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
67	Jewelry and instrument cases	4	$43,200			$9,750	$33,450	7	11	$7,036	107	$30,864
68	Lasts	3	30,358			17,434	12,924	8			26	13,363
69	Leather goods	5	69,590			11,000	58,590	4	5	4,600	45	12,371
70	Leather, tanned, curried, and finished	3	1,295,095	$107,800	$183,900	108,825	894,570	10	9	7,850	561	219,652
71	Lime and cement	6	398,161	82,112	49,921	88,427	177,701	5	18	20,600	187	74,181
72	Liquors, malt	18	9,135,343	1,051,633	2,709,807	1,772,977	3,600,926	5	170	209,261	560	410,704
73	Lithographing and engraving	7	881,957	90,000	67,600	384,452	339,905	11	89	66,145	472	249,244
74	Lock and gun smithing	23	23,420	1,750	1,050	10,495	10,125	29			23	11,674
75	Looking-glass and picture frames	25	101,660	7,450	6,000	19,522	68,688	30	2	1,855	82	31,045
76	Lumber, planing mill products, including sash, doors, and blinds.	22	2,851,650	408,986	322,535	466,574	1,653,555	29	66	51,554	1,573	675,473
77	Malt	16	2,394,179	369,125	676,850	256,403	1,091,801	15	35	41,106	205	123,116
78	Marble and stone work	11	793,568	403,572	56,197	52,797	281,002	8	26	32,065	396	216,606
79	Masonry, brick and stone	89	1,067,972	185,691	115,020	183,594	583,667	104	38	22,095	1,285	695,163
80	Mattresses and spring beds	8	186,629			22,589	164,040	6	27	25,657	129	47,526
81	Millinery, custom work	69	227,404	29,575	31,650	11,889	154,290	80	49	13,594	285	74,438
82	Mineral and soda waters	20	203,238	18,785	16,150	106,710	61,593	17	28	27,397	98	45,156
83	Models and patterns	6	10,906			7,175	3,731	7			15	12,345
84	Monuments and tombstones	11	117,851	50,000	16,900	7,851	43,100	14	5	5,220	84	48,528
85	Mucilage and paste	3	26,315	5,000	5,000	7,015	9,300	7	1	250	11	3,183
86	Oil, linseed	5	1,786,809	243,786	216,653	603,493	722,877	5	50	93,494	222	112,475
87	Optical goods	6	20,411			6,200	14,211	8	6	2,360	21	9,195
88	Painting, house, sign, etc	140	269,818	44,315	46,110	36,726	142,667	161	11	7,382	572	314,841
89	Paints	5	610,634	28,198	81,880	103,767	396,789	3	46	46,350	126	71,817
90	Paper hanging	34	92,205	10,250	13,410	4,110	64,435	36	4	2,500	98	62,910
91	Patent medicines and compounds	44	1,105,432	78,700	246,236	92,924	687,572	43	61	60,045	462	194,763
92	Paving and paving materials	19	830,306	308,891	118,571	125,129	277,715	21	26	23,588	450	243,028
93	Photography	57	129,457	18,050	17,900	50,475	43,032	63	6	2,324	91	38,217
94	Pickles, preserves, and sauces	5	41,428			11,405	30,023	7	2	1,040	21	5,700
95	Plastering and stuccowork	11	14,865	3,200	2,200	2,405	7,060	14			35	26,835
96	Plumbers' supplies	3	34,993	1,920	4,000	10,659	18,414	2	3	1,850	19	7,408
97	Plumbing, and gas and steam fitting	115	781,516	131,778	110,900	68,377	470,461	148	57	33,994	721	385,400
98	Printing and publishing, book and job	87	1,517,303	29,300	27,625	779,329	681,049	97	101	92,661	1,071	522,369
99	Printing and publishing, newspapers and periodicals.	32	1,788,558	161,050	159,450	697,970	770,088	25	252	200,226	749	445,340
100	Refrigerators	3	279,028	65,771	63,056	29,756	120,445	2	9	7,800	94	43,256
101	Roofing and roofing materials	16	322,667	53,538	55,020	24,332	189,777	15	17	19,726	181	85,939
102	Saddlery and harness	41	426,180	20,380	26,050	69,388	310,362	50	24	20,616	317	155,444
103	Sausage	8	48,100	7,700	6,500	15,700	18,200	9			46	21,450
104	Ship and boat building, wooden	8	574,826	476,690	17,491	42,433	38,212	8	9	10,091	162	86,547
105	Shirts	8	50,430	500	1,200	10,310	38,420	8	9	9,228	160	43,307
106	Slaughtering and meat packing, wholesale.	10	4,948,216	356,782	727,890	484,298	3,379,246	13	188	133,113	829	384,007
107	Slaughtering, wholesale, not including meat packing.	14	225,478	29,580	73,525	19,650	102,723	15	15	13,410	99	52,862
108	Soap and candles	9	2,565,134	186,577	546,835	451,355	1,380,367	13	493	266,754	743	241,639
109	Steam packing	3	11,275			1,000	10,275	5	3	6,000	8	4,672
110	Stereotyping and electrotyping	3	62,309			24,025	38,284	4	13	9,608	55	28,323
111	Surgical appliances	4	16,794	4,000	6,000	1,638	5,156	7	1	866	5	2,183
112	Tinsmithing, coppersmithing, and sheet-iron working.	107	847,838	142,882	139,750	160,403	404,803	130	30	21,788	470	233,758
113	Tobacco, cigars and cigarettes	176	420,011	59,323	49,709	15,417	295,562	194	16	15,068	325	178,686
114	Trunks and valises	7	82,977			14,728	68,249	10	7	4,490	84	30,451
115	Watch, clock, and jewelry repairing	87	135,218	23,250	15,025	28,867	68,071	91	4	1,230	73	38,962
116	Wirework, including wire rope and cable.	8	153,781	14,500	24,200	39,427	75,654	10	5	4,792	113	35,098
117	Wood, turned and carved	9	20,475	1,350	1,600	6,650	10,875	11			31	15,050
118	All other industries[1]	112	30,526,930	2,390,335	3,850,374	16,428,224	7,857,997	107	584	609,353	5,981	2,888,237

[1] Embraces agricultural implements, 1; artificial limbs, 2; axle grease, 1; bells, 1; billiard tables and materials, 1; boot and shoe cut stock, 1; boot and shoe uppers, 1; brassware, 1; buttons, 1; carpets, wood, 1; carriages and sleds, children's, 2; cars and general shop construction and repairs by street railroad companies, 1; cars, steam railroad, not including operations of railroad companies, 2; cheese, butter, and condensed milk, factory product, 1; cleansing and polishing preparations, 1; coffins, burial cases, and undertakers' goods, 2; copper, smelting and refining, 1; cordage and twine, 1; cork, cutting, 1; cutlery and edge tools, 1; dye stuffs and extracts, 1; emery wheels, 1; engraving, steel, including plate printing, 1; engraving, wood, 2; envelopes, 2; fertilizers, 2; files, 1; fire extinguishers, chemical, 1; fish, canning and preserving, 1; flags and banners, 2; foundry supplies, 1; fruits and vegetables, canning and preserving, 1; galvanizing, 1; gas and lamp fixtures, 2; gas and oil stoves, 1; gas, illuminating and heating, 1; gas machines and meters, 2; glue, 1; hand knit goods, 1; hosiery and knit goods, 1; house furnishing goods, not elsewhere specified, 1; ice, manufactured, 2; ink, printing, 2; ink, writing, 1; iron and steel, forgings, 1; lamps

COHOES.

1	All industries	316	$11,316,482	$256,835	$2,429,154	$3,762,828	$4,867,665	327	215	$257,138	8,673	$3,140,668
2	Bicycle and tricycle repairing	5	5,890			3,100	2,790	6			4	2,152
3	Blacksmithing and wheelwrighting	13	8,882	400	3,350	2,680	2,452	14			13	6,264
4	Boots and shoes, custom work and repairing.	22	5,009	200	220	1,475	3,114	19			8	3,533
5	Boxes, fancy and paper	3	68,997			31,413	37,584	5	10	8,372	98	40,514
6	Bread and other bakery products	18	40,295	8,400	14,450	6,545	10,900	18	4	1,952	51	23,851

BY SPECIFIED INDUSTRIES: 1900—Continued.

BUFFALO—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
18	$8,806	76	$19,382	13	$2,676	$5,500	$2,000	----------	$3,500	----------	$33,100	$32,900	$200	$90,700	67
26	13,363	------	----------	------	----------	2,761	1,220	----------	1,541	----------	5,812	5,392	420	29,849	68
21	8,226	22	3,845	2	300	7,288	1,536	----------	5,752	----------	48,809	48,257	552	92,754	69
530	213,772	81	5,880	------	----------	85,803	----------	$3,348	82,455	----------	1,151,700	1,145,000	6,700	1,663,350	70
187	74,181	------	----------	------	----------	45,104	2,783	1,219	41,102	----------	118,506	95,356	23,150	298,437	71
557	410,318	3	386	------	----------	2,240,526	----------	53,897	2,182,129	$4,500	862,108	790,376	71,732	4,269,973	72
374	228,067	90	19,709	5	1,468	83,427	6,558	684	76,185	----------	220,199	216,884	3,315	757,036	73
20	10,894	2	630	1	150	3,932	3,047	23	712	150	10,504	9,328	1,176	46,595	74
65	28,781	14	1,881	3	388	12,953	7,261	265	5,427	----------	202,687	201,234	1,453	303,108	75
1,533	670,834	------	----------	40	4,639	164,143	8,026	11,664	105,168	39,285	1,919,163	1,905,559	13,604	3,095,760	76
205	123,116	------	----------	------	----------	143,701	41,607	16,422	85,672	----------	1,377,491	1,329,576	47,915	1,959,967	77
348	210,124	48	6,482	------	----------	29,970	2,590	4,926	18,454	4,000	207,614	205,016	2,598	592,130	78
1,283	694,652	------	----------	2	511	88,437	4,484	6,167	23,136	54,650	1,115,513	1,111,243	4,270	2,309,168	79
79	31,082	48	16,204	2	240	17,796	9,340	215	8,241	----------	174,503	173,248	1,255	299,315	80
6	4,270	276	69,944	3	224	44,651	24,055	805	19,791	----------	326,650	324,024	2,626	604,066	81
89	43,596	7	1,260	2	300	24,912	7,550	468	16,894	----------	61,201	58,779	2,422	215,363	82
14	12,270	------	----------	1	75	936	814	----------	122	----------	1,935	1,339	596	25,120	83
84	48,528	------	----------	------	----------	6,244	462	844	2,938	2,000	46,055	45,667	388	143,945	84
6	2,143	5	1,040	------	----------	2,081	562	116	1,403	----------	16,245	15,885	360	27,411	85
222	112,475	------	----------	------	----------	149,673	2,300	1,709	145,664	----------	5,751,940	5,734,723	17,217	6,271,170	86
19	9,040	------	----------	2	155	8,605	7,340	----------	1,265	----------	27,088	26,476	612	76,256	87
570	314,535	------	----------	2	306	21,129	14,568	1,340	5,221	----------	272,194	270,317	1,877	846,710	88
113	68,205	13	3,612	------	----------	55,879	1,316	1,176	53,387	----------	529,022	522,093	6,929	753,519	89
98	62,910	------	----------	------	----------	9,017	5,611	311	3,095	----------	73,705	73,257	448	192,310	90
148	101,810	312	92,693	2	260	1,007,613	9,093	6,190	986,995	5,335	317,218	312,509	4,709	1,855,808	91
450	243,028	------	----------	------	----------	13,967	1,818	3,929	8,220	----------	309,356	305,101	4,255	650,564	92
60	30,240	28	7,709	3	268	22,012	13,884	398	7,570	160	59,905	58,152	1,753	210,732	93
9	4,112	12	1,588	------	----------	2,453	1,462	6	985	----------	27,082	25,902	1,180	46,560	94
35	26,835	------	----------	------	----------	2,430	1,112	68	1,250	----------	9,498	9,303	195	52,044	95
19	7,408	------	----------	------	----------	4,437	548	75	3,814	----------	31,192	30,783	409	56,138	96
716	384,628	------	----------	5	772	60,273	27,601	3,600	22,602	6,470	715,853	711,092	4,761	1,551,920	97
808	461,226	218	54,616	45	6,527	137,789	53,064	1,179	81,514	2,032	475,302	456,705	18,597	1,455,933	98
671	429,127	39	12,478	39	3,735	252,431	28,685	2,231	189,488	32,027	362,772	350,353	12,419	1,735,978	99
94	43,256	------	----------	------	----------	21,554	----------	2,754	18,800	----------	74,363	72,342	2,021	184,035	100
180	85,689	------	----------	1	250	36,976	1,190	1,404	33,322	1,060	236,315	233,417	2,898	444,244	101
283	147,359	33	7,960	1	125	25,089	7,614	2,213	15,262	----------	295,818	289,653	6,165	566,316	102
45	21,210	1	240	------	----------	4,630	1,740	215	2,675	----------	90,535	87,930	2,605	170,560	103
162	86,547	------	----------	------	----------	22,867	3,280	711	18,801	75	65,922	64,311	1,611	216,486	104
17	7,855	143	35,452	------	----------	19,444	3,260	15	16,169	----------	73,688	73,124	564	164,143	105
777	368,345	45	14,612	7	1,050	320,418	144	13,946	306,328	----------	8,286,237	8,242,050	44,187	9,631,187	106
99	52,862	------	----------	------	----------	22,460	1,917	1,309	19,234	----------	1,740,439	1,737,889	2,550	1,969,980	107
483	203,323	161	25,789	99	12,527	363,336	2,296	8,800	352,240	----------	2,475,171	2,435,807	39,364	3,818,571	108
8	4,672	------	----------	------	----------	1,107	550	----------	557	----------	15,628	15,572	56	34,560	109
55	28,323	------	----------	------	----------	29,769	1,550	----------	25,619	2,600	6,764	5,619	1,145	104,192	110
4	1,995	1	188	------	----------	1,303	466	75	762	----------	5,393	5,308	85	14,896	111
442	228,788	15	3,542	13	1,428	42,347	19,702	3,929	18,591	125	568,700	562,202	6,498	1,133,579	112
279	169,399	33	7,628	13	1,659	106,470	13,028	1,430	92,012	----------	298,512	295,649	2,863	811,605	113
65	26,185	14	3,832	5	434	13,278	6,560	50	6,668	----------	51,577	51,093	484	125,226	114
68	37,873	4	895	1	194	18,758	12,078	517	3,383	2,780	39,765	38,535	1,230	167,319	115
68	27,673	33	5,855	12	1,570	14,685	2,978	530	11,177	----------	90,232	88,756	1,476	179,549	116
31	15,050	------	----------	------	----------	3,456	1,610	41	1,705	100	10,658	10,023	635	41,231	117
5,609	2,813,232	328	67,927	44	7,078	1,147,470	48,338	113,345	980,594	5,193	17,164,465	16,928,211	236,254	23,646,410	118

and reflectors, 2; lead, bar, pipe, and sheet, 1; liquors, distilled, 2; mirrors, 2; musical instruments and materials, not specified, 1; musical instruments, organs and materials, 1; musical instruments, pianos and materials, 1; oil, not elsewhere specified, 2; paper goods, not elsewhere specified, 1; paper hangings, 1; petroleum, refining, 1; photographic apparatus, 1; photographic materials, 2; photolithographing and photoengraving, 2; pipes, tobacco, 2; pottery, terra cotta, and fire-clay products, 1; printing materials, 1; pumps, not including steam pumps, 1; regalia and society banners and emblems, 1; safes and vaults, 1; saws, 1; scales and balances, 2; screws, machine, 1; sewing machine repairing, 1; shipbuilding, iron and steel, 1; show cases, 2; sporting goods, 1; stamped ware, 1; starch, 2; stationery goods, not elsewhere specified, 1; steam fittings and heating apparatus, 2; taxidermy, 2; tobacco, chewing, smoking, and snuff, 2; tools, not elsewhere specified, 2; typewriters and supplies, 1; umbrellas and canes, 2; varnish, 1; vinegar and cider, 1; washing machines and clothes wringers, 1; whips, 1.

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4,246	$1,755,035	4,049	$1,309,678	378	$75,955	$653,130	$59,023	$83,959	$489,123	$21,025	$6,120,342	$5,910,552	$209,790	$11,636,130	1
4	2,152	------	----------	------	----------	729	580	----------	149	----------	4,311	4,270	41	10,400	2
13	6,264	------	----------	------	----------	990	908	39	43	----------	5,036	4,632	404	21,590	3
8	3,533	------	----------	------	----------	1,165	1,137	4	24	----------	6,390	6,176	214	19,398	4
69	32,285	13	5,670	16	2,559	6,943	3,920	223	2,800	----------	74,932	73,557	1,375	144,769	5
41	21,467	7	2,017	3	367	5,460	1,825	515	3,120	----------	68,622	66,429	2,193	141,899	6

TABLE 8.—MANUFACTURES IN CITIES

COHOES—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
7	Carpentering	18	$14,440	$1,100	$1,550	$4,055	$7,735	19			45	$17,496
8	Clothing, men's, custom work and repairing.	6	8,969			1,550	7,419	8			23	11,820
9	Clothing, women's, dressmaking	48	6,963	100	400	3,845	2,618	48			50	12,072
10	Confectionery	9	6,025	300	200	3,065	2,460	9	1	$468	6	2,580
11	Foundry and machine shop products	10	438,112	23,160	92,750	121,202	201,000	10	21	20,879	265	142,351
12	Furniture, cabinetmaking, repairing, and upholstering.	6	3,989	75	200	1,319	2,395	6			8	1,500
13	Hosiery and knit goods	24	5,299,944	53,897	642,217	1,704,860	2,898,970	20	93	121,170	3,685	1,390,475
14	House furnishing goods, not elsewhere specified.	6	230,873	6,000	66,959	84,822	73,092	2	15	9,215	108	42,361
15	Lumber, planing mill products, including sash, doors, and blinds.	3	75,900	7,500	18,500	19,000	30,900	4	4	2,804	80	40,675
16	Masonry, brick and stone	14	18,955	1,100	575	3,085	14,195	16			81	38,482
17	Millinery, custom work	10	15,641	1,000	2,500	366	11,775	13	6	1,600	23	6,628
18	Mineral and soda waters	4	16,950	1,250	5,500	4,100	6,100	6			7	3,700
19	Painting, house, sign, etc	15	16,740	400	1,000	2,625	12,715	18	3	1,216	47	25,974
20	Patent medicines and compounds	3	515			365	150	3			3	708
21	Paving and paving materials	4	5,400	1,500	800	1,100	2,000	4			16	6,100
22	Photography	3	3,500			2,675	825	4			2	542
23	Plumbing, and gas and steam fitting	14	22,775	1,500	1,500	6,650	13,125	14	3	2,200	38	17,994
24	Printing and publishing, book and job	3	35,985	2,860		21,710	11,415	3			29	12,480
25	Printing and publishing, newspapers and periodicals.	4	60,041	4,000	9,000	39,000	8,041	6	6	4,292	31	17,378
26	Saddlery and harness	4	3,980			740	3,240	4			3	1,546
27	Tobacco, cigars and cigarettes	4	16,425		4,000	1,500	10,925	3	1	600	19	8,604
28	Watch, clock, and jewelry repairing	3	1,654	200	300	425	729	3			2	424
29	All other industries[1]	40	4,883,633	141,893	1,568,183	1,689,556	1,489,001	42	48	82,370	3,922	1,262,464

[1] Embraces agricultural implements, 1; baskets, and rattan and willow ware, 1; bluing, 1; bottling, 1; brass castings and brass finishing, 1; brick and tile, 1; carriages and wagons, 1; cars and general shop construction and repairs by street railroad companies, 1; cotton goods, 1; cotton waste, 1; cutlery and edge tools, 2; dyeing and finishing textiles, 1; electrical construction and repairs, 1; fertilizers, 1; flouring and grist mill products, 1; furniture, factory product, 1; gas,

ELMIRA.

1	All industries	362	$7,365,534	$534,504	$953,706	$1,776,104	$4,101,220	392	315	$276,897	4,914	$1,965,056
2	Bicycle and tricycle repairing	13	11,987		680	5,700	5,607	15			8	2,974
3	Bicycles and tricycles	3	12,600		400	3,500	8,700	4			25	9,450
4	Blacksmithing and wheelwrighting	22	26,210	6,250	4,350	5,260	10,350	25			23	11,759
5	Boots and shoes, custom work and repairing.	24	11,142	1,300	2,400	4,662	2,780	27			13	4,748
6	Bread and other bakery products	9	40,010	7,000	15,500	5,295	12,215	9	14	4,324	31	11,471
7	Carpentering	12	23,525	1,350	1,850	6,125	14,200	13	1	800	90	50,784
8	Carriages and wagons	4	32,125	3,200	12,000	3,275	13,650	4			25	11,420
9	Cars and general shop construction and repairs by steam railroad companies.	3	255,184	25,500	115,810	33,949	79,925		33	24,334	497	257,640
10	Cheese and butter, urban dairy products.	3	3,575			1,975	1,600	3			1	480
11	Clothing, men's, custom work and repairing.	19	40,365			1,990	38,375	23	4	4,000	91	46,614
12	Clothing, women's, dressmaking	12	16,143			3,235	12,908	16	2	1,193	68	17,729
13	Clothing, women's, factory product	3	37,400			5,900	31,500	4	11	5,412	68	12,931
14	Confectionery	4	30,436	1,000	1,500	7,986	19,950	5	7	3,012	30	8,687
15	Flavoring extracts	3	20,600	400	600	4,050	15,550	4	1	260	14	7,600
16	Foundry and machine shop products	6	329,035	17,000	70,807	125,074	116,154	5	16	19,875	177	97,141
17	Furniture, cabinetmaking, repairing, and upholstering.	9	7,915	1,700	700	1,630	3,885	10			9	4,592
18	Hosiery and knit goods	3	362,492	7,000	54,384	129,977	171,131		8	7,328	587	185,316
19	Lock and gun smithing	3	2,300			1,600	700	3			1	466
20	Lumber, planing mill products, including sash, doors, and blinds.	8	928,457	86,300	163,245	161,441	517,471	9	42	40,511	420	173,906
21	Marble and stone work	3	31,550	3,000	1,400	4,500	22,650	8			17	8,578
22	Masonry, brick and stone	3	39,980	1,200	700	10,550	27,530	4	8	4,720	176	78,230
23	Millinery, custom work	15	77,420	13,000	10,500	970	52,950	15	4	2,206	40	9,411
24	Monuments and tombstones	3	26,472	5,000	6,150	275	15,047	3	1	200	12	5,519
25	Painting, house, sign, etc	16	26,525	850	250	2,825	22,600	19			59	30,000
26	Photography	8	11,815			7,725	4,090	8			8	2,806
27	Plumbing, and gas and steam fitting	9	60,102			4,246	55,856	10	4	1,608	43	21,802
28	Printing and publishing, book and job	11	44,635	1,000	1,800	24,350	17,485	16	2	660	27	8,344
29	Printing and publishing, newspapers and periodicals.	5	262,997	200		223,000	39,797	2	16	25,543	119	66,744
30	Saddlery and harness	6	11,125			925	10,200	5	2	1,032	12	5,335
31	Tinsmithing, coppersmithing, and sheet-iron working.	9	40,075	1,000	8,000	10,600	25,475	12	8	2,400	78	27,832

BY SPECIFIED INDUSTRIES: 1900—Continued.

COHOES—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
45	$17,496					$4,801	$633	$36	$132	$4,000	$25,947	$25,802	$145	$67,040	7
18	9,980	5	$1,840			2,041	1,976		65		12,002	11,798	204	34,990	8
		50	12,072			2,561	2,484	5	72		9,487	9,029	458	50,608	9
3	2,280			3	$300	1,850	1,789	8	53		11,603	11,303	300	29,886	10
261	141,645			4	706	16,467	860	2,250	13,357		140,147	131,000	9,147	396,872	11
7	1,400	1	100			589	456	3	30	100	4,608	4,488	120	9,870	12
1,271	566,070	2,327	807,802	87	16,603	313,701	27,439	15,575	270,687		2,688,750	2,639,294	49,456	5,026,374	13
108	42,361					8,040	1,150	1,107	5,783		269,532	265,415	4,117	375,295	14
86	40,675					1,716	50	440	1,226		60,910	60,120	790	118,949	15
81	38,482					1,797	196	22	779	800	21,333	21,333		95,117	16
		23	6,628			2,733	2,384	50	299		21,804	21,704	100	43,410	17
7	3,700					367	100	110	157		8,467	8,342	125	17,824	18
47	25,974					2,263	1,550	9	404	300	22,433	22,357	76	71,327	19
1	208	2	500			660	120		540		1,920	1,900	20	5,800	20
16	6,100					72	30	30	12		18,475	18,450	25	28,500	21
1	360	1	182			724	580		29	115	1,200	1,154	46	3,800	22
88	17,994					2,480	2,080	3	342	50	26,788	26,521	267	64,407	23
26	12,071			3	409	1,322	927	103	292		8,797	8,587	210	35,242	24
26	16,748			5	630	3,515	840	249	1,826	600	11,697	10,601	1,096	47,041	25
3	1,546					464	348		116		2,327	2,288	39	6,225	26
18	8,500			1	104	3,066	318	49	2,699		16,358	16,291	67	35,085	27
2	424					279	200	7	72		605	555	50	3,200	28
2,046	735,320	1,620	472,867	256	54,277	266,335	4,143	63,117	184,015	15,060	2,575,861	2,437,156	138,705	4,731,212	29

illuminating and heating, 1; hairwork, 2; iron and steel, 1; iron and steel, pipe, wrought, 1; leather goods, 1; liquors, malt, 1; lock and gun smithing, 1; monuments and tombstones, 2; needles and pins, 2; paper and wood pulp, 1; perfumery and cosmetics, 1; plastering and stuccowork, 1; roofing and roofing materials, 1; shirts, 1; shoddy, 1; soap and candles, 2; surgical appliances, 1; tinsmithing, coppersmithing, and sheet-iron working, 1; toys and games, 1.

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3,504	$1,683,952	1,243	$257,863	167	$23,241	$486,960	$59,226	$22,519	$397,118	$8,097	$4,961,635	$4,836,140	$125,495	$8,558,786	1
8	2,974					1,482	1,153	1	328		6,043	5,839	204	18,480	2
9	4,500			16	4,950	1,660	712	8	940		16,504	16,053	451	36,752	3
23	11,759					2,728	2,156	184	388		10,629	9,922	707	47,426	4
11	4,365	1	175	1	208	1,807	1,431	52	324		12,587	12,081	506	30,359	5
29	11,146	2	325			3,008	1,644	264	1,100		46,048	44,881	1,167	76,210	6
96	50,784					926	570	116	240		71,200	70,895	305	140,500	7
25	11,420					1,022	364	346	312		13,453	13,078	375	41,320	8
495	257,326	2	314			3,158		1,634	1,524		402,823	400,203	2,620	688,226	9
1	480					779	408		371		10,480	10,388	92	12,519	10
67	38,916	24	7,698			6,052	4,894	50	1,108		63,598	63,240	358	147,044	11
6	2,820	62	14,909			3,001	2,028	60	913		22,895	22,566	329	58,675	12
1	936	67	11,995			2,816	900		1,916		61,979	61,422	557	91,852	13
11	5,032	19	3,655			2,348	1,220	68	1,060		32,691	32,001	690	57,439	14
10	6,000	4	1,600			1,372	102	25	1,245		6,426	6,348	78	20,700	15
176	96,941			1	200	24,938	1,235	1,392	18,182	4,129	112,744	109,524	3,220	276,433	16
9	4,592					1,142	765	105	272		10,318	10,152	166	23,790	17
112	40,302	469	94,174	6	840	43,626		691	42,935		271,310	264,731	6,579	503,325	18
1	466					525	500		25		1,090	1,040	50	3,400	19
420	173,900					39,701	120	2,261	36,320	1,000	851,442	847,506	3,936	1,259,214	20
17	8,578					1,169	320	239	610		14,620	14,350	270	31,500	21
176	78,230					415	200	25	190		45,626	45,176	450	138,000	22
		40	9,411			6,716	2,957	408	3,351		47,299	47,006	293	85,402	23
12	5,519					767	132	85	550		11,289	11,259	30	20,666	24
59	30,000					3,458	2,690	17	751		19,679	19,608	71	71,594	25
4	1,920	4	886			2,243	1,898		345		5,431	5,176	255	18,349	26
43	21,892					6,422	2,713	16	2,693	1,000	66,978	66,333	645	118,932	27
21	7,532	1	300	5	512	2,335	1,340	50	945		19,652	18,822	830	43,876	28
106	62,040	13	4,704			18,402	4,190	643	13,519	50	51,622	47,212	4,410	233,130	29
12	5,335					1,807	1,542		265		16,385	16,300	85	31,450	30
67	26,896			6	936	2,223	1,298	102	823		47,767	46,067	1,700	102,058	31

TABLE 8.—MANUFACTURES IN CITIES

ELMIRA—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
32	Tobacco, cigars and cigarettes	27	$96,467	$8,200	$3,450	$5,528	$79,289	28	10	$7,514	118	$45,321
33	Tobacco, stemming and rehandling	4	702,017	4,600	21,400	4,017	672,000	6	9	11,220	187	55,720
34	Watch, clock, and jewelry repairing	13	12,225			6,100	6,125	9	1	120	12	7,815
35	All other industries[1]	67	3,730,628	838,454	460,830	957,869	1,973,475	73	116	108,625	1,827	725,807

[1] Embraces agricultural implements, 1; awnings, tents, and sails, 1; bookbinding and blank book making, 2; boots and shoes, factory product, 1; bottling, 2; boxes, cigar, 1; brick and tile, 1; bridges, 1; brooms and brushes, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by street railroad companies, 1; clothing, men's, factory product, 1; cooperage, 1; dyeing and cleaning, 2; electrical apparatus and supplies, 1; electrical construction and repairs, 2; fancy articles, not elsewhere specified, 1; flouring and grist mill products, 2; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; gloves and mittens, 1; hats and caps, not including fur hats and wool hats, 2; ice, manufactured, 1; iron and steel, 1; jewelry, 2; lamps and reflectors, 1; leather,

JAMESTOWN.

1	All industries	178	$8,552,470	$722,078	$1,110,541	$1,787,467	$4,932,384	214	386	$474,249	4,685	$1,800,192
2	Bicycle and tricycle repairing	3	10,200			2,800	7,400	2	1	600	6	2,936
3	Blacksmithing and wheelwrighting	9	7,625	1,750	2,400	1,725	1,750	11			6	8,376
4	Bottling	4	21,600			10,100	11,500	6	1	600	15	8,276
5	Cotton goods	5	216,819	33,500	58,741	81,891	42,687	5	5	2,777	91	26,092
6	Flouring and grist mill products	3	37,800	7,600	8,500	9,200	12,500	4	1	600	10	5,100
7	Foundry and machine shop products	9	966,568	53,650	52,550	218,999	641,369	10	49	84,116	368	196,200
8	Furniture, factory product	20	1,469,676	167,350	237,052	169,218	896,056	31	87	91,950	1,209	548,279
9	Lumber and timber products	4	236,235	82,500	10,000	30,450	113,285	4	9	10,938	71	31,671
10	Mattresses and spring beds	4	70,470	3,196	9,036	11,554	46,684	5	5	4,052	45	16,660
11	Millinery, custom work	3	4,800			350	4,450	3	1	192	12	2,444
12	Painting, house, sign, etc	6	4,525	50	300	1,350	2,825	7			25	15,090
13	Patent medicines and compounds	3	10,050	300	200	4,050	5,500	4			1	321
14	Photographic materials	5	452,892	29,222	52,274	38,541	332,855	2	49	69,586	78	28,599
15	Photography	6	12,150	1,000	500	8,200	2,450	7			10	3,711
16	Plumbing, and gas and steam fitting	7	35,976	2,501	2,875	3,755	26,845	9	3	1,632	33	18,742
17	Printing and publishing, book and job	8	25,080			18,986	6,094	10			15	6,166
18	Printing and publishing, newspapers and periodicals.	8	101,335	5,500	11,000	45,470	39,365	6	32	23,439	45	20,299
19	Saddlery and harness	4	14,950	3,000	7,500	850	3,600	4	1	500	8	4,156
20	Tinsmithing, coppersmithing, and sheet-iron working.	5	8,500	1,500	1,500	2,400	3,100	8			5	3,366
21	Tobacco, cigars and cigarettes	7	8,775			925	7,850	7	1	624	15	7,209
22	Watch, clock, and jewelry repairing	11	14,550	1,000	1,000	3,950	8,600	11			10	5,230
23	Worsted goods	3	3,686,871	147,000	419,155	859,040	2,261,676	4	73	117,935	1,911	582,133
24	All other industries[1]	45	1,135,023	181,459	235,958	263,663	453,943	54	68	64,708	696	264,136

[1] Embraces agricultural implements, 1; awnings, tents, and sails, 1; bicycles and tricycles, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 2; boxes, fancy and paper, 1; bread and other bakery products, 2; carpentering, 1; carriages and wagons, 2; cars and general shop construction and repairs by steam railroad companies, 1; confectionery, 1; cooperage, 1; dentists' materials, 1; dyeing and cleaning, 2; electrical construction and repairs, 2; electroplating, 1; flavoring extracts, 1; furniture, cabinetmaking, repairing, and upholstering, 2; gas, illuminating and heating, 1; glass, cutting, staining, and

KINGSTON.

1	All industries	344	$3,657,551	$558,200	$566,573	$1,069,041	$1,463,737	368	169	$158,913	2,685	$1,245,557
2	Bicycle and tricycle repairing	4	3,060	260	275	1,225	1,300	4			1	580
3	Blacksmithing and wheelwrighting	16	24,100	4,250	12,650	3,100	4,100	17			24	12,819
4	Boots and shoes, custom work and repairing.	19	6,350	300	1,000	2,220	2,830	19			6	2,952
5	Bottling	4	18,490	3,000	5,100	7,600	2,790	4	4	1,144	10	4,652
6	Bread and other bakery products	17	32,225	4,400	15,100	6,500	6,225	19	7	2,800	37	20,804
7	Brick and tile	3	251,599	115,000	34,636	67,000	34,963	1	3	2,328	252	102,551
8	Bridges	3	11,065	15	25	7,800	3,225	4			9	3,804
9	Carpentering	20	48,675	8,710	9,900	6,465	23,600	24			122	67,014
10	Carriages and wagons	6	33,350	8,300	11,500	6,850	6,700	7			18	8,588
11	Cars and general shop construction and repairs by steam railroad companies.	3	92,427	9,000	51,650	28,577	3,200		7	4,974	56	33,662
12	Clothing, men's, custom work and repairing.	24	31,575	4,900	11,375	3,020	12,280	25	2	1,100	27	12,116
13	Clothing, women's, dressmaking	32	13,104	1,400	2,550	2,685	6,469	33			50	12,345
14	Confectionery	8	34,775	2,600	7,000	16,600	8,575	13	1	1,000	16	7,708
15	Flouring and grist mill products	3	18,450	950	2,500	11,000	4,000	4			7	3,900
16	Foundry and machine shop products	5	167,530	19,350	33,000	64,000	51,180	5	5	3,620	86	44,721
17	Furniture, cabinetmaking, repairing, and upholstering.	5	20,000	3,700	8,500	2,050	5,750	7	3	1,500	17	9,794
18	Kindling wood	3	6,100	650	1,400	1,650	2,400	3			5	1,854
19	Lumber, planing mill products, including sash, doors, and blinds.	7	260,753	85,600	33,900	47,200	94,053	6	4	5,936	75	37,800
20	Marble and stone work	6	300,790	90,750	11,000	57,840	141,200	8	13	15,700	115	89,362
21	Masonry, brick and stone	13	40,740	2,690	2,610	6,085	29,355	17			139	86,257
22	Millinery, custom work	17	18,207	300	2,200	862	14,845	20	3	636	28	8,432
23	Mineral and soda waters	5	20,175	1,200	2,800	9,550	6,625	5			10	4,756
24	Painting, house, sign, etc	16	23,755	1,075	9,200	3,825	9,655	6	1	400	43	24,335
25	Patent medicines and compounds	5	50,910	4,600	7,000	7,010	32,300	6	16	13,184	25	7,844
26	Photography	8	9,635	60	100	5,850	3,625	10			6	2,675

BY SPECIFIED INDUSTRIES: 1900—Continued.

ELMIRA—Continued.

Average number of wage-earners and total wages—continued						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
87	$38,908	30	$6,303	1	$110	$25,727	$3,298	$184	$22,245	----------	$62,452	$61,807	$645	$171,584	32
97	38,378	82	16,230	3	1,112	7,967	3,750	786	3,431	----------	353,992	353,517	475	466,485	33
12	7,815	----------	----------	----------	----------	3,179	2,755	----------	424	----------	3,528	3,365	163	22,675	34
1,281	626,250	423	85,184	123	14,373	262,039	9,941	12,707	237,473	$1,918	2,171,055	2,078,272	92,783	3,469,421	35

tanned, curried, and finished, 1; liquors, malt, 2; looking-glass and picture frames, 2; mattresses and spring beds, 2; millinery and lace goods, 2; mineral and soda waters, 2; paints, 1; paper hanging, 1; patent medicines and compounds, 2; perfumery and cosmetics, 1; plumbers' supplies, 1; pottery, terra cotta, and fire-clay products, 1; roofing and roofing materials, 2; saws, 1; sewing machine repairing, 1; ship and boat building, wooden, 1; shirts, 2; silk and silk goods, 2; soap and candles, 1; taxidermy, 1; tobacco, chewing, smoking, and snuff, 2; typewriter repairing, 1; washing machines and clothes wringers, 1; wirework, including wire rope and cable, 1

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3,201	$1,427,698	1,268	$346,835	216	$25,659	$583,097	$27,923	$23,287	$529,273	$2,614	$4,096,302	$4,012,437	$83,865	$8,218,922	1
6	2,936	----------	----------	----------	----------	920	900	5	15	----------	4,086	3,940	146	10,800	2
6	3,376	----------	----------	----------	----------	924	734	69	121	----------	3,609	3,344	265	18,150	3
15	8,276	----------	----------	----------	----------	2,126	1,204	----------	922	----------	47,513	47,151	362	71,275	4
23	9,561	60	14,802	8	1,729	14,014	----------	788	12,681	545	66,933	64,566	2,367	141,462	5
10	5,100	----------	----------	----------	----------	3,430	1,200	82	2,148	----------	111,847	111,247	600	132,595	6
361	194,170	----------	----------	7	2,030	123,955	1,044	1,119	121,792	----------	316,270	311,032	5,238	739,701	7
1,193	543,789	8	3,390	3	1,100	160,329	3,855	4,035	152,139	300	636,537	621,780	14,757	1,642,762	8
71	31,671	----------	----------	----------	----------	9,068	660	1,388	7,020	----------	140,935	140,335	600	244,675	9
38	15,117	4	1,150	3	393	9,643	490	140	9,013	----------	69,637	69,017	620	117,425	10
----------	----------	12	2,444	----------	----------	1,473	972	----------	501	----------	16,462	16,392	70	24,600	11
25	15,090	----------	----------	----------	----------	467	295	12	160	----------	9,200	9,190	10	33,400	12
1	321	----------	----------	----------	----------	527	155	7	365	----------	3,309	3,282	27	6,000	13
42	19,998	33	8,088	3	513	27,357	245	778	26,334	----------	441,067	439,322	1,745	920,069	14
5	2,440	5	1,271	----------	----------	1,665	1,200	55	410	----------	5,475	5,194	281	17,427	15
33	18,742	----------	----------	----------	----------	2,066	1,058	84	824	100	51,460	50,878	582	90,669	16
12	5,470	2	515	1	181	1,796	1,272	----------	524	----------	10,100	9,465	635	30,648	17
34	18,350	6	1,169	5	780	12,658	3,041	30	7,918	1,669	16,310	14,386	1,924	81,094	18
8	4,156	----------	----------	----------	----------	809	504	130	175	----------	8,897	8,796	101	18,892	19
5	3,366	----------	----------	----------	----------	426	300	39	87	----------	10,460	10,285	175	22,750	20
14	7,003	----------	----------	1	206	3,529	695	6	2,827	----------	6,960	6,920	40	22,200	21
7	4,084	3	1,146	----------	----------	3,158	2,765	30	363	----------	7,066	6,800	266	22,700	22
758	285,853	976	278,053	177	18,227	132,727	----------	9,231	123,496	----------	1,399,085	1,364,899	34,186	2,565,920	23
534	228,829	159	34,807	3	500	70,030	5,333	5,259	59,438	----------	713,084	694,216	18,868	1,243,708	24

ornamenting, 1; liquors, malt, 1; lumber, planing mill products, including sash, doors, and blinds, 2; marble and stone work, 2; monuments and tombstones, 2; musical instruments, pianos and materials, 1; pottery, terra cotta, and fire-clay products, 1; roofing and roofing materials, 1; saws, 1; ship and boat building, wooden, 2; shirts, 1; tobacco, chewing, smoking, and snuff, 1; washing machines and clothes wringers, 1; wirework, including wire rope and cable, 1; wood, turned and carved, 1; woolen goods, 1.

KINGSTON.

2,161	$1,127,028	503	$114,301	21	$4,228	$327,143	$40,346	$22,554	$264,062	$181	$2,560,822	$2,464,679	$96,143	$5,280,478	1
1	580	----------	----------	----------	----------	402	372	11	19	----------	2,704	2,671	33	6,087	2
24	12,819	----------	----------	----------	----------	940	528	220	192	----------	12,349	11,757	592	45,535	3
6	2,952	----------	----------	----------	----------	1,848	1,781	14	53	----------	9,185	8,782	403	24,108	4
10	4,652	----------	----------	----------	----------	790	----------	206	584	----------	39,156	39,040	116	55,161	5
36	20,580	1	224	----------	----------	2,159	1,680	245	234	----------	76,551	74,631	1,920	147,394	6
246	100,605	----------	----------	6	1,946	13,620	----------	2,131	11,489	----------	24,508	6,261	18,247	159,131	7
9	3,804	----------	----------	----------	----------	150	----------	----------	150	----------	31,013	30,763	250	48,510	8
122	67,014	----------	----------	----------	----------	1,325	428	307	572	18	111,216	111,011	205	216,000	9
13	8,588	----------	----------	----------	----------	1,560	526	309	725	----------	9,652	9,357	295	32,593	10
56	33,662	----------	----------	----------	----------	4,558	----------	456	4,102	----------	15,018	13,468	1,550	58,212	11
17	8,129	10	3,987	----------	----------	2,889	2,366	154	369	----------	36,341	35,616	725	72,460	12
----------	----------	50	12,345	----------	----------	2,531	2,169	121	169	72	8,079	7,715	364	38,098	13
16	7,708	----------	----------	----------	----------	3,414	1,956	305	1,153	----------	43,600	43,075	525	78,526	14
7	3,900	----------	----------	----------	----------	595	----------	145	450	----------	69,586	68,386	1,200	80,112	15
36	44,721	----------	----------	----------	----------	5,521	1,200	808	3,513	----------	51,875	49,076	2,799	134,800	16
17	9,794	----------	----------	----------	----------	848	120	136	592	----------	22,950	22,935	15	45,302	17
5	1,854	----------	----------	----------	----------	47	----------	31	16	----------	6,321	6,234	87	11,900	18
75	37,800	----------	----------	----------	----------	15,270	2,060	2,557	10,653	----------	226,348	223,784	2,564	417,114	19
115	89,362	----------	----------	----------	----------	3,265	230	1,011	2,024	----------	133,874	129,134	4,740	271,914	20
139	86,257	----------	----------	----------	----------	748	24	120	604	----------	86,043	85,918	125	198,098	21
----------	----------	28	8,432	----------	----------	4,284	3,854	87	343	----------	31,574	31,062	512	64,468	22
10	4,756	----------	----------	----------	----------	2,044	1,658	66	320	----------	7,906	7,796	110	21,151	23
43	24,335	----------	----------	----------	----------	1,291	532	206	553	----------	22,858	22,790	68	62,732	24
7	3,444	17	4,300	1	100	57,333	990	684	55,659	----------	39,540	39,439	101	158,252	25
6	2,675	----------	----------	----------	----------	1,667	1,394	2	271	----------	4,499	4,269	230	18,000	26

TABLE 8.—MANUFACTURES IN CITIES

KINGSTON—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
27	Plumbing, and gas and steam fitting	10	$74,425	$6,000	$17,500	$8,825	$42,100	12	5	$5,200	91	$36,335
28	Printing and publishing, book and job	4	9,200	100	200	7,400	1,500	5			7	2,554
29	Printing and publishing, newspapers and periodicals.	5	73,650	3,250	9,250	39,500	21,650	6	14	10,184	72	33,857
30	Roofing and roofing materials	5	9,930	1,000	4,300	2,000	2,630	5			10	6,096
31	Saddlery and harness	6	4,895			745	4,150	6			7	3,850
32	Ship and boat building, wooden	4	90,000	20,000	7,000	26,600	36,400	4	1	1,500	146	93,476
33	Tobacco, cigars and cigarettes	11	54,025	4,525	12,375	990	36,135	11	3	2,600	39	18,024
34	Watch, clock, and jewelry repairing	8	15,100	3,000	3,500	4,500	4,100	12			12	6,656
35	All other industries[1]	38	1,788,486	147,265	235,477	601,917	803,827	30	77	85,607	1,117	433,384

[1] Embraces awnings, tents, and sails, 1; baking and yeast powders, 1; baskets, and rattan and willow ware, 1; bookbinding and blank book making, 1; boxes, fancy and paper, 1; brooms and brushes, 1; carpets, rag, 1; cars, street railroad, not including operations of railroad companies, 1; cooperage, 2; dyeing and cleaning, 1; electroplating, 1; furniture, factory product, 1; gas, illuminating and heating, 1; gloves and mittens, 2; grease and tallow, 1; hosiery and knit goods, 1;

NEWBURG.

1	All industries	253	$5,214,536	$517,200	$916,680	$1,297,754	$2,482,902	266	310	$287,839	3,926	$1,665,177
2	Bicycle and tricycle repairing	3	3,600			1,600	2,000	3			4	1,230
3	Blacksmithing and wheelwrighting	16	27,912	5,200	10,750	3,475	8,487	17			20	11,374
4	Boots and shoes, custom work and repairing.	21	3,850			2,605	1,245	21			6	2,748
5	Bread and other bakery products	17	32,211	2,800	9,000	8,045	12,366	17	20	7,228	48	28,403
6	Carpentering	8	54,790	7,400	10,900	4,250	32,240	11	1	400	58	41,458
7	Clothing, men's, custom work and repairing.	16	27,750	5,000	9,000	1,635	12,115	16			27	9,313
8	Clothing, men's, factory product	3	1,089,575	25,000	70,000	36,100	958,475	2	86	97,392	823	307,281
9	Confectionery	3	21,200	3,000	7,000	3,500	7,700	4	2	1,068	8	2,912
10	Electrical construction and repairs	4	75,377	500	1,000	19,700	54,177	4	4	4,560	31	14,071
11	Foundry and machine shop products	7	838,397	67,000	199,764	229,692	341,941	3	29	28,963	310	180,678
12	Furniture, cabinetmaking, repairing, and upholstering.	9	15,850	2,850	6,550	1,900	4,550	9			7	2,100
13	Furniture, factory product	4	26,500			4,600	21,900	7	6	2,938	57	21,806
14	Masonry, brick and stone	4	21,275	2,400	1,475	850	16,550	4			34	27,221
15	Millinery, custom work	15	30,330	2,400	3,400	1,195	23,335	17	6	2,078	42	12,339
16	Mineral and soda waters	4	29,050	5,500	5,500	9,000	9,050	5	1	550	11	4,807
17	Monuments and tombstones	3	34,916	1,000	800	5,165	27,951	4			12	9,776
18	Painting, house, sign, etc	10	66,380	1,000	1,500	2,850	61,030	16	3	1,624	80	46,193
19	Patent medicines and compounds	4	25,080			6,945	18,135	1	11	9,369	9	3,599
20	Photography	4	7,000			6,000	1,000	4			6	1,676
21	Plumbing, and gas and steam fitting	13	90,700	11,000	27,750	9,225	42,725	13	5	2,763	69	40,601
22	Printing and publishing, newspapers and periodicals.	6	116,086	2,000	3,000	73,022	38,064	6	15	11,702	80	38,829
23	Roofing and roofing materials	3	30,941	4,000	8,000	1,700	17,241	5	2	860	15	10,136
24	Saddlery and harness	4	7,359	500	1,000	850	5,009	4			5	2,766
25	Tinsmithing, coppersmithing, and sheet-iron working.	5	30,700	6,000	10,000	3,850	10,850	5	1	312	20	11,140
26	Tobacco, cigars and cigarettes	3	8,200	600	2,500	350	4,750	3			4	1,390
27	Watch, clock, and jewelry repairing	11	9,525	500	750	4,850	3,425	12			10	5,284
28	All other industries[1]	53	2,489,982	361,550	527,041	854,800	746,591	53	117	116,032	2,130	826,046

[1] Embraces awnings, tents, and sails, 2; baking and yeast powders, 1; bookbinding and blank book making, 1; bottling, 2; boxes, fancy and paper, 1; brass castings and brass finishing, 1; brick and tile, 2; brooms and brushes, 1; carpets and rugs, other than rag, 1; carpets, rag, 2; carriages and wagons, 2; clothing, women's, dressmaking, 1; coffee and spice, roasting and grinding, 1; cotton goods, 1; druggists' preparations, not including prescriptions, 1; dyeing and cleaning, 1; dyeing and finishing textiles, 1; engraving, steel, including plate printing, 1; explosives, 1; fancy articles, not elsewhere specified, 1; flouring and grist mill products, 2; fur hats, 1; gas, illuminating and heating, 1; grease and tallow, 1; hats and caps, not including fur hats and wool hats, 1; ice, manufactured, 1; lime

NEW YORK CITY.

1	All industries	39,776	$921,876,081	$98,049,402	$102,831,270	$207,007,886	$513,987,523	45,922	48,011	$55,645,464	462,763	$245,021,881
2	Artificial feathers and flowers	152	2,964,748	32,000	17,000	253,531	2,662,217	224	229	226,841	3,993	1,251,385
3	Artificial limbs	5	69,300	8,000	12,000	23,500	25,800	8	14	10,200	60	40,652
4	Artists' materials	4	10,906			1,240	9,666	4	1	636	5	3,265
5	Awnings, tents, and sails	153	540,774	12,050	17,950	101,353	409,421	185	38	31,774	757	431,073
6	Axle grease	4	5,916			410	5,506	6			8	3,750
7	Babbitt metal and solder	7	1,028,291	35,000	41,000	112,855	839,436	13	21	27,992	188	107,875
8	Bags, other than paper	16	674,000	40,000	20,000	131,500	482,500	14	50	109,048	639	201,142
9	Bags, paper	14	2,067,115	264,939	264,940	803,805	733,431	8	196	191,896	781	287,426
10	Baking and yeast powders	9	3,648,858	500,000	500,000	273,081	2,375,777	5	31	67,387	152	92,128
11	Baskets, and rattan and willow ware	37	224,265	14,045	26,453	52,444	131,323	39	12	14,993	291	111,241
12	Belting and hose, leather	12	2,063,536			101,022	1,962,514	9	84	115,224	478	279,233
13	Bicycle and tricycle repairing	426	509,009	18,887	40,638	156,743	292,741	487	19	13,980	423	221,253
14	Bicycles and tricycles	15	72,075			19,275	52,800	16	7	2,972	42	22,782
15	Billiard tables and materials	13	364,759		24,000	35,959	304,800	17	43	51,909	171	114,170
16	Blacking	14	283,784			49,457	234,327	20	80	115,387	176	79,079
17	Blacksmithing and wheelwrighting	1,003	2,627,170	675,505	576,807	467,625	907,233	1,106	52	46,946	2,304	1,628,840
18	Bluing	10	86,090	7,500	6,500	9,050	63,040	13	15	13,620	63	26,535
19	Bookbinding and blank book making	239	4,383,901	49,000	132,500	1,797,660	2,404,741	300	320	383,620	6,270	2,842,609
20	Boot and shoe cut stock	15	257,065	10,000	2,000	16,165	228,900	19	15	13,406	93	44,870
21	Boot and shoe findings	13	152,325			54,175	98,150	16	19	16,484	114	45,330

BY SPECIFIED INDUSTRIES: 1900—Continued.

KINGSTON—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
91	$36,335					$3,936	$720	$672	$2,544		$81,938	$81,138	$800	$170,275	27
6	2,450			1	$104	436	276	16	144		1,738	1,618	120	9,400	28
68	32,548	3	$1,109	1	200	6,699	1,632	388	4,679		20,407	18,795	1,612	97,182	29
10	6,096					542	461	45	36		10,331	10,146	185	22,693	30
7	3,850					1,939	1,880		59		6,632	6,517	115	17,691	31
146	93,476					4,004	1,320	400	2,284		88,560	86,985	1,575	207,201	32
33	16,970	1	350	5	704	8,293	1,157	210	6,926		19,105	18,663	442	59,248	33
12	6,656					1,268	1,010	65	193		4,255	4,115	140	17,525	34
717	348,656	393	83,554	7	1,174	170,927	8,022	10,426	152,388	$91	1,205,110	1,151,732	53,378	2,213,605	35

ironwork, architectural and ornamental, 1; lime and cement, 2; liquors, malt, 2; lock and gun smithing, 2; mattresses and spring beds, 2; monuments and tombstones, 1; perfumery and cosmetics, 1; sewing machine repairing, 1; shirts, 2; slaughtering and meat packing, wholesale, 1; soap and candles, 1; tinfoil, 1; tinsmithing, coppersmithing, and sheet-iron working, 1; tobacco, chewing, smoking, and snuff, 1; vinegar and cider, 1.

NEWBURG.

2,622	$1,283,261	1,223	$369,492	81	$12,424	$354,456	$59,465	$29,269	$234,290	$31,432	$3,123,590	$3,016,930	$106,660	$6,497,088	1
4	1,230					637	462		145	30	2,650	2,555	95	7,750	2
20	11,374					1,921	1,172	175	574		7,447	6,891	556	36,610	3
6	2,748					1,584	1,548		36		7,066	6,971	95	19,320	4
46	27,935	1	312	1	156	7,661	5,352	113	2,036	160	105,601	103,707	1,894	180,410	5
58	41,458					2,458	120	343	995	1,000	55,330	54,992	338	112,985	6
17	6,514	10	2,799			4,645	2,894	315	766	670	17,030	16,653	377	45,613	7
147	94,474	672	212,192	4	615	28,891	2,850	2,635	23,406		874,726	871,460	3,266	1,594,475	8
7	2,672			1	240	2,570	1,650	100	820		12,743	12,135	608	22,726	9
31	14,071					5,601	996	30	4,125	450	98,470	97,570	900	150,220	10
310	180,678					54,615	348	6,714	47,553		232,813	224,176	8,637	543,356	11
7	2,100					706	277	114	290	25	7,396	7,323	73	16,207	12
57	21,806					2,528	1,642		886		15,277	14,553	724	55,345	13
34	27,221					514		29	485		24,328	24,328		64,300	14
		40	12,121	2	218	6,094	4,609	50	1,425		44,941	44,675	266	81,493	15
11	4,807					867	240	176	451		5,185	4,960	225	20,500	16
12	9,776					2,752	550	20	2,182		19,458	18,963	495	39,981	17
50	46,193					4,762	2,813	10	1,439	500	29,782	29,263	519	99,697	18
4	2,362	5	1,237			15,347	2,204	102	13,041		13,308	13,174	134	47,159	19
3	798	3	878			1,336	954		248	134	3,350	3,238	112	13,822	20
69	40,601					5,432	1,301	392	2,559	1,180	83,980	82,993	987	165,397	21
72	35,775	8	3,054			8,753	3,330	250	5,173		29,637	27,813	1,824	122,087	22
15	10,136					1,200	420	138	642		11,252	11,167	85	32,936	23
5	2,766					840	690	15	135		5,056	5,026	30	11,955	24
20	11,140					2,356	1,056	70	1,230		10,481	10,332	149	34,573	25
4	1,390					1,088	258	42	788		3,052	3,030	22	7,290	26
10	5,284					3,941	1,550	13	638	1,740	3,766	3,597	169	19,520	27
1,573	677,952	484	136,899	73	11,195	185,357	20,179	17,413	122,222	25,543	1,399,465	1,315,385	84,080	2,951,361	28

and cement, 2; liquors, malt, 1; looking-glass and picture frames, 1; lumber, planing mill products, including sash, doors, and blinds, 1; marble and stone work, 2; oilcloth, floor, 1; printing and publishing, book and job, 2; shipbuilding, iron and steel, 1; shirts, 1; silk and silk goods, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 2; sporting goods, 1; tobacco, chewing, smoking, and snuff, 1; tools, not elsewhere specified, 1; wirework, including wire rope and cable, 1; woolen goods, 1.

NEW YORK CITY.

326,299	$202,051,974	130,691	$41,994,472	5,773	$975,435	$163,170,343	$24,001,559	$4,286,292	$81,753,149	$53,129,343	$709,109,412	$699,552,084	$9,557,328	$1,371,358,468	1
507	267,318	3,359	962,421	127	21,646	330,267	198,715	4,040	90,262	37,250	2,190,099	2,178,926	11,173	4,997,194	2
53	37,572	7	3,080			30,355	8,425	630	21,300		13,650	12,170	1,480	160,120	3
5	3,265					2,890	1,255	24	1,611		8,761	8,646	115	28,277	4
541	344,874	215	85,849	1	350	131,551	57,589	869	21,993	51,100	1,295,516	1,289,451	6,065	2,481,547	5
8	3,750					2,122	1,134		988		9,353	9,256	97	22,300	6
188	107,875					42,228	12,155	3,475	26,598		2,309,739	2,296,183	13,556	2,604,696	7
202	82,656	437	118,486			83,886	22,048	2,153	54,585	5,100	1,694,382	1,689,424	4,958	2,238,845	8
491	210,797	279	74,189	11	2,440	136,948	32,319	2,333	102,296		1,542,702	1,531,257	11,445	2,706,828	9
69	58,039	81	33,489	2	600	1,097,439	5,528	15,000	1,076,911		1,916,901	1,914,023	2,878	4,243,406	10
211	95,162	67	14,309	13	1,770	12,677	8,917	642	3,118		208,357	205,542	2,815	417,825	11
474	278,233			4	1,000	123,270	27,498	5,673	89,999	100	2,211,145	2,197,249	13,896	2,995,665	12
414	219,552	1	200	8	1,501	134,149	105,414	915	23,231	4,589	462,440	451,550	10,890	1,279,371	13
42	22,782					11,738	7,729	95	3,914		52,760	51,631	1,129	123,934	14
166	112,624	1	1,364	1	182	122,160	18,438	1,118	98,804	3,800	314,490	311,569	2,921	699,552	15
75	47,456	101	31,623			112,247	18,982	1,910	91,355		277,403	273,727	3,676	649,441	16
2,289	1,625,294			15	3,546	358,980	261,697	21,530	65,677	10,076	1,368,799	1,307,920	60,879	4,882,422	17
28	17,640	35	8,895			16,943	5,171	255	11,517		97,959	97,270	689	217,311	18
3,034	1,803,335	3,119	1,017,241	117	22,033	585,425	305,231	7,149	240,684	32,361	2,560,197	2,494,101	66,096	7,619,155	19
84	41,760	7	2,810	2	300	16,545	12,864	150	3,531		626,348	624,885	1,463	847,653	20
63	32,742	51	12,588			21,488	9,846		3,442	8,200	254,988	252,866	2,122	393,969	21

TABLE 8.—MANUFACTURES IN CITIES

NEW YORK CITY—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
22	Boot and shoe uppers	46	$79,300	$6,500	$8,000	$13,070	$51,730	54	1	$600	100	$46,907
23	Boots and shoes, custom work and repairing.	3,341	1,265,038	97,557	110,168	325,559	731,754	3,342	36	26,250	1,940	886,577
24	Boots and shoes, factory product	99	4,154,981	140,500	227,668	892,097	2,894,716	133	331	326,927	5,430	2,436,579
25	Bottling	203	2,472,008	276,550	398,850	402,332	1,394,276	229	128	149,101	1,086	604,760
26	Boxes, cigar	34	591,885	128,200	58,500	170,958	234,227	41	45	39,460	906	364,919
27	Boxes, fancy and paper	159	2,173,613	60,700	82,300	683,342	1,347,271	202	326	274,761	5,428	1,847,585
28	Boxes, wooden packing	63	2,409,564	192,600	277,219	446,135	1,493,610	65	114	122,386	1,626	841,105
29	Brass castings and brass finishing	56	721,589	100,700	71,310	212,642	336,937	72	33	45,586	426	248,622
30	Brassware	67	1,668,647	137,300	209,700	514,250	807,397	77	90	101,474	1,419	664,307
31	Bread and other bakery products	1,966	13,798,593	1,849,104	2,192,998	5,611,866	4,144,625	2,037	1,417	1,112,661	10,915	5,743,845
32	Bridges	8	782,500	40,700	103,000	199,000	439,800	8	19	29,740	925	741,402
33	Bronze castings	5	338,961	62,000	17,500	85,127	174,334	5	32	37,411	296	177,133
34	Brooms and brushes	84	1,575,070	46,250	68,467	160,914	1,299,439	99	131	98,837	1,396	550,453
35	Buttons	33	553,412			239,394	314,018	41	50	47,088	1,380	482,773
36	Calcium lights	4	39,400			11,000	28,400	5	1	1,200	31	13,788
37	Card cutting and designing	4	41,950			15,200	26,750	3	3	6,757	49	19,146
38	Carpentering	1,491	7,915,870	998,800	1,180,040	884,128	4,852,902	1,723	261	254,365	8,660	6,913,355
39	Carpets and rugs, other than rag	4	2,028,542	14,500	20,500	549,200	1,444,342		63	103,208	1,616	598,191
40	Carpets, rag	21	24,264	3,290	2,145	3,026	15,803	22	2	1,000	26	11,390
41	Carpets, wood	10	187,164			17,785	169,379	9	22	20,500	296	212,512
42	Carriage and wagon materials	3	2,450			1,800	650	3			3	1,375
43	Carriages and sleds, children's	14	70,325	5,500	9,300	6,625	48,900	15	3	2,190	83	45,616
44	Carriages and wagons	236	3,627,751	635,350	664,750	467,941	1,859,710	297	117	128,061	2,425	1,559,750
45	Cars and general shop construction and repairs by steam railroad companies.	10	744,558	168,700	208,425	212,633	154,800		44	29,742	948	558,428
46	Cars and general shop construction and repairs by street railroad companies.	6	5,944,848	916,834	2,716,974	1,395,954	915,086		37	46,248	2,131	1,509,274
47	Cheese and butter, urban dairy products.	6	20,425			11,850	8,575	5	1	260	7	3,180
48	Chemicals	37	4,437,028	430,000	602,469	1,276,426	2,128,133	10	159	214,554	877	479,479
49	China decorating	27	83,055	5,000	4,000	16,800	57,255	31	10	5,727	105	45,318
50	Chocolate and cocoa products	9	1,123,758	14,000	50,000	236,170	823,588	14	111	102,858	546	167,490
51	Cleansing and polishing preparations	25	407,760	37,500	42,500	68,410	259,350	26	50	52,436	206	95,553
52	Clocks	6	2,399,485	32,000	225,000	268,825	1,873,660	2	51	83,275	1,569	477,484
53	Cloth, sponging and refinishing	22	120,198			57,210	62,988	30	26	20,870	338	177,921
54	Clothing, horse	7	47,389	2,600	950	6,200	37,639	6	3	6,260	58	23,706
55	Clothing, men's, custom work and repairing.	3,284	8,614,126	475,175	810,405	587,677	6,740,869	3,567	677	666,056	8,050	4,805,663
56	Clothing, men's, factory product	1,889	36,842,799	702,003	594,247	1,271,491	34,275,058	2,565	2,727	2,942,182	30,406	15,687,104
57	Clothing, men's, factory product, buttonholes.	68	136,162	21,230	22,537	68,075	24,320	79			428	163,160
58	Clothing, women's, dressmaking	1,418	4,405,853	486,900	417,551	393,349	3,108,053	1,596	309	256,384	7,351	3,397,550
59	Clothing, women's, factory product	1,607	27,388,909	460,900	375,265	2,203,409	24,349,335	2,371	3,961	3,933,792	44,715	20,929,460
60	Coffee and spice, roasting and grinding	56	8,657,792	579,815	1,018,681	1,192,540	5,866,756	92	502	567,150	1,427	657,225
61	Coffins, burial cases, and undertakers' goods.	14	842,465	5,000	10,000	113,874	713,591	15	85	99,150	586	317,364
62	Combs	5	158,650			16,100	142,550	7	22	13,270	186	85,585
63	Confectionery	530	6,516,643	970,782	1,213,346	1,555,837	2,776,678	569	738	780,260	5,536	2,131,107
64	Cooperage	90	3,275,326	275,703	788,237	491,115	1,720,271	108	47	71,108	1,902	912,298
65	Cordage and twine	11	6,722,552	345,300	625,200	1,474,923	4,277,129	4	93	216,629	3,252	1,112,019
66	Cordials and sirups	7	79,800			12,800	67,000	9	11	11,950	25	12,000
67	Cork, cutting	22	228,061			33,425	194,636	23	19	17,120	167	66,133
68	Corsets	55	726,650	1,800	1,200	142,886	580,764	64	91	108,953	1,326	400,796
69	Cotton goods	6	561,785	2,600	4,000	256,915	298,270	5	16	37,874	342	109,412
70	Cotton small wares	12	239,330			95,995	143,335	16	25	19,449	254	87,570
71	Cutlery and edge tools	15	117,551			41,989	75,562	18	20	16,312	151	87,623
72	Dentists' materials	4	190,500			25,000	165,500	5	51	47,710	96	45,570
73	Druggists' preparations, not including prescriptions.	34	3,786,065	366,635	350,365	504,290	2,564,775	40	223	332,043	973	397,322
74	Drug grinding	10	729,269	27,000	53,000	74,991	574,278	14	30	38,914	150	66,607
75	Dyeing and cleaning	235	1,117,576	103,882	200,919	270,630	542,145	277	182	88,413	1,037	472,932
76	Dyeing and finishing textiles	32	1,709,051	224,659	326,589	696,944	460,859	44	70	79,905	1,029	458,496
77	Dye stuffs and extracts	12	1,229,255	428,000	190,000	112,735	498,520	4	28	32,430	332	217,335
78	Electrical apparatus and supplies	104	8,781,700	613,872	1,636,785	1,662,221	4,868,822	95	900	685,404	4,768	2,362,897
79	Electrical construction and repairs	208	968,658	33,800	46,500	160,265	728,093	243	154	130,508	1,082	726,604
80	Electroplating	79	201,541			113,814	87,727	102	18	14,012	429	236,282
81	Enameling and enameled goods	21	2,660,084	310,500	559,785	687,706	1,102,093	25	49	42,725	1,458	526,880
82	Engravers' materials	6	49,466	600	400	13,130	35,336	7	8	17,114	47	25,605
83	Engraving and diesinking	101	192,918	6,300	1,500	91,441	93,677	118	9	15,800	266	171,323
84	Engraving, steel, including plate printing.	85	3,573,155	800,250	164,500	1,206,455	1,401,950	104	112	180,987	1,640	1,131,416
85	Engraving, wood	32	32,321	1,000	4,000	10,535	16,786	35	1	520	57	46,400
86	Envelopes	9	565,804			335,000	230,804	5	89	91,986	534	229,798
87	Fancy articles, not elsewhere specified	135	1,738,276	120,500	120,300	374,402	1,123,074	182	231	176,880	1,686	659,921
88	Fertilizers	10	2,207,337	215,350	502,766	562,427	826,794	7	83	88,786	680	329,404
89	Files	6	78,900	18,000	16,500	21,200	23,200	9	1	364	66	35,676
90	Fire extinguishers, chemical	5	95,375			8,375	87,000	1	18	12,500	18	15,560
91	Fireworks	8	406,171	42,000	77,710	84,246	203,015	4	28	37,055	495	179,337

BY SPECIFIED INDUSTRIES: 1900—Continued.

NEW YORK CITY—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
82	$41,455	18	$5,452			$11,868	$9,646	$253	$1,969		$153,532	$152,617	$915	$274,987	22
1,895	875,029	81	9,320	14	$2,228	588,732	503,020	3,394	43,915	$38,403	1,337,439	1,298,478	38,961	4,726,961	23
3,696	1,872,891	1,629	547,888	105	15,800	524,836	106,037	8,908	349,734	60,157	5,982,725	5,044,972	37,753	9,124,495	24
1,058	597,939	18	4,898	10	1,928	574,215	96,674	43,980	428,211	5,350	3,204,431	3,159,592	44,839	5,455,792	25
565	254,679	319	105,834	22	4,406	60,437	33,355	1,755	25,327		570,740	555,228	15,512	1,171,166	26
1,707	881,426	3,535	938,753	186	27,406	411,165	204,582	4,184	201,749	650	2,209,045	2,173,823	35,222	5,758,569	27
1,548	827,028	60	11,869	18	2,208	265,046	84,545	18,506	121,812	40,183	2,842,330	2,822,513	19,817	4,590,908	28
421	247,326	3	880	2	416	59,227	26,826	3,824	28,277	300	699,110	677,535	21,575	1,264,009	29
1,126	590,672	268	69,447	25	4,188	164,306	53,127	3,839	89,503	17,837	1,171,577	1,140,913	30,664	2,424,530	30
9,036	5,274,525	1,666	437,553	213	31,767	2,397,989	1,039,134	100,128	1,251,922	6,805	17,558,932	17,087,006	471,926	32,239,307	31
925	741,402					20,619	2,616	4,568	13,435		872,870	863,855	9,015	1,906,088	32
292	176,558			4	575	22,875	5,920	1,350	15,605		65,871	60,635	5,236	385,825	33
823	411,385	480	122,655	93	16,413	117,164	45,033	3,419	58,312	10,400	1,296,351	1,283,512	12,839	2,448,194	34
617	287,370	744	192,999	19	2,404	59,170	21,876		26,694	10,600	608,655	601,503	7,152	1,457,145	35
31	13,788					4,355	2,390		1,965		18,703	17,533	1,170	49,632	36
22	12,468	23	5,950	4	728	9,909	6,430	209	770	2,500	78,856	77,630	1,226	131,160	37
8,641	6,909,383	1	260	18	3,712	3,590,725	317,133	36,862	226,874	3,009,856	10,490,605	10,433,070	57,535	26,061,584	38
592	280,321	845	285,722	179	32,148	272,877	53,200	22,928	181,370	15,379	1,317,486	1,289,793	27,693	2,467,571	39
24	10,540	2	850			4,130	2,850	137	1,143		11,139	10,814	325	41,894	40
296	212,512					25,804	12,860		12,944		138,777	136,143	2,634	455,987	41
3	1,375					801	438		263	100	2,971	2,920	51	9,000	42
78	44,216	3	1,100	2	300	8,493	6,318	170	2,005		109,267	108,587	680	202,210	43
2,421	1,558,050	1	700	3	1,000	335,534	193,083	37,210	97,541	7,700	1,409,529	1,368,617	40,912	4,317,872	44
923	550,163	25	8,265			13,550	3,000	5,846	4,704		532,926	520,807	12,119	1,134,646	45
2,131	1,509,274					112,209		64,937	47,272		1,362,681	1,337,937	24,744	3,030,805	46
7	3,180					1,720	1,450	10	260		50,994	49,983	1,011	55,801	47
816	457,477	61	22,002			353,107	42,694	21,679	286,234	2,500	3,415,137	3,265,096	150,041	5,266,656	48
50	29,256	51	15,477	4	585	17,241	9,964	205	7,072		65,192	61,156	4,036	188,724	49
240	107,840	282	57,700	24	1,950	97,595	43,135	1,335	53,125		1,502,713	1,491,181	11,532	2,099,872	50
145	74,862	61	20,691			47,121	14,095	1,271	28,055	3,700	546,437	538,414	8,023	962,491	51
1,118	361,564	448	115,620	3	300	67,567	5,520	7,023	54,424	600	881,379	873,363	8,016	1,685,875	52
336	177,121	2	800			69,890	35,330	200	34,360		11,099	6,759	4,340	375,642	53
18	8,256	36	14,950	4	500	7,343	6,000	23	1,320		77,049	76,417	632	137,358	54
7,334	4,559,900	673	238,249	43	7,514	3,169,248	1,375,627	25,921	430,623	1,337,077	8,020,886	7,920,529	100,357	22,077,030	55
20,513	12,575,341	9,759	3,092,119	134	19,644	17,259,186	1,405,508	26,557	2,048,059	13,779,062	52,489,787	52,334,799	154,988	103,220,201	56
220	105,901	197	55,521	11	1,738	17,183	8,173	456	7,954	600	41,788	39,472	2,316	299,531	57
2,227	1,486,891	5,058	1,900,686	66	9,973	1,150,381	929,951	11,545	176,762	32,123	4,473,935	4,424,673	49,262	11,571,048	58
19,132	12,086,111	25,318	8,793,946	265	49,403	8,222,182	1,866,250	23,045	2,315,864	4,017,023	54,638,897	54,430,151	208,746	102,711,604	59
855	507,858	529	142,097	43	7,270	1,475,363	111,780	41,342	1,320,961	1,280	17,279,301	17,163,858	115,443	21,346,195	60
401	263,400	184	53,864	1	100	115,454	49,164	765	65,525		453,893	445,269	8,624	1,210,814	61
171	81,985	15	3,600			39,763	3,635		11,128	25,000	178,645	176,660	1,985	356,650	62
2,717	1,477,476	2,631	626,321	188	27,310	1,322,590	399,490	54,320	866,745	2,035	8,220,657	8,085,596	135,061	14,483,900	63
1,841	900,203	14	2,600	47	9,495	233,128	35,736	17,695	176,697	3,000	2,635,841	2,603,172	32,669	4,231,960	64
1,710	699,485	1,310	368,753	232	43,781	443,495	73,147	20,731	349,617		6,059,794	5,982,832	76,962	8,768,974	65
18	9,504	7	2,496			12,628	5,560	725	6,093	250	81,848	81,188	660	149,362	66
104	48,995	63	17,138			19,819	11,152		8,667		289,673	287,131	2,542	464,223	67
123	53,675	1,155	339,986	48	7,135	197,345	61,787	452	135,106		751,073	742,288	8,785	1,721,623	68
106	55,297	233	53,725	3	390	57,199	18,303	1,710	37,186		480,220	472,352	7,868	724,125	69
86	43,355	161	43,110	7	1,105	25,938	13,690		9,048	3,200	192,105	188,974	3,131	394,063	70
147	86,947	1	216	3	460	39,435	10,418		19,017	10,000	97,134	94,051	3,083	295,785	71
51	32,752	45	12,818			20,310	3,340		16,770	200	353,174	351,610	1,564	557,000	72
624	296,412	346	100,365	3	545	639,799	41,156	22,430	576,213		3,624,324	3,539,533	84,791	6,014,762	73
105	58,357	40	8,000	5	250	49,221	16,998	1,033	19,140	12,050	1,152,225	1,141,542	10,683	1,492,763	74
591	325,407	435	145,106	11	2,419	824,247	95,450	7,777	207,520	13,500	444,737	403,999	40,738	1,749,264	75
790	389,511	239	68,985			188,033	26,314	10,065	101,654		448,077	392,676	55,401	1,460,322	76
332	217,335					48,710	3,960	7,535	37,215		809,454	796,191	13,263	1,372,500	77
4,273	2,210,971	469	147,331	26	4,595	646,740	101,113	35,038	470,010	40,579	5,903,203	5,816,873	86,330	10,851,350	78
1,072	724,202	2	760	8	1,642	134,391	65,997	1,969	61,708	4,717	1,343,079	1,334,425	8,654	2,940,631	79
406	229,641	11	4,689	12	1,952	53,862	39,587	343	11,997	1,935	134,621	121,443	13,178	608,856	80
1,162	462,634	212	52,589	84	11,657	34,785	7,830	5,364	19,791	1,800	1,640,468	1,601,403	39,065	2,842,422	81
47	25,605					8,855	4,086	12	4,757		126,254	123,614	2,640	195,029	82
243	165,269	11	4,080	12	1,974	34,247	25,706	170	5,161	3,210	39,845	33,897	5,948	431,312	83
1,018	877,489	581	246,704	41	7,223	243,549	157,754	20,429	50,741	14,625	708,271	697,547	10,724	2,664,271	84
53	45,768	2	320	2	312	19,140	7,019	40	2,706	9,375	12,383	12,136	247	138,815	85
145	86,458	389	143,340			76,324	37,618	504	38,202		596,904	589,630	7,274	1,090,270	86
822	417,072	818	235,094	46	7,755	250,492	84,563	3,250	148,985	13,694	1,277,642	1,260,623	17,019	3,034,742	87
680	329,404					107,642	6,740	12,698	88,204		1,047,625	891,521	156,104	1,765,143	88
66	35,676					2,469	228	821	1,420		16,002	13,122	2,880	70,700	89
18	15,560					15,526	1,466	390	12,670	1,000	22,916	22,450	466	88,035	90
329	135,702	128	33,610	38	10,025	24,502	5,250	1,612	16,040	1,600	304,740	302,375	2,365	735,511	91

TABLE 8.—MANUFACTURES IN CITIES

NEW YORK CITY—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
92	Fish, canning and preserving	7	$51,915	$13,800	$13,200	$4,215	$20,700	12	4	$2,620	23	$13,074
93	Flags and banners	10	396,885	----------	----------	43,060	353,825	14	25	30,112	190	62,027
94	Flavoring extracts	45	357,136	----------	----------	36,139	320,997	60	110	108,551	149	79,387
95	Flouring and grist mill products	11	8,230,518	4,055,000	2,039,000	748,543	1,387,975	11	90	158,862	543	314,765
96	Food preparations	87	1,980,790	131,300	398,000	375,787	1,075,703	104	188	206,257	1,133	436,599
97	Foundry and machine shop products	589	48,092,891	3,086,320	4,362,848	9,874,475	30,769,248	644	1,904	2,418,331	19,560	11,397,201
98	Fruits and vegetables, canning and preserving.	6	1,732,932	86,500	90,000	33,835	1,522,597	4	27	46,880	379	118,693
99	Fur goods	512	6,917,625	162,000	64,340	293,640	6,397,645	765	629	616,631	4,184	2,386,148
100	Fur hats	7	1,447,308	178,000	278,000	290,195	701,113	4	72	138,592	1,395	866,652
101	Furnishing goods, men's	223	7,675,454	389,200	372,500	496,132	6,417,622	333	884	920,024	7,947	2,845,239
102	Furniture, cabinetmaking, repairing, and upholstering.	810	2,645,208	207,525	179,325	307,132	1,951,226	938	201	187,176	2,701	1,834,584
103	Furniture, factory product	187	7,274,874	903,300	743,329	695,150	4,933,095	252	517	599,950	6,760	3,895,536
104	Furs, dressed	35	430,840	58,850	67,750	100,140	204,100	40	23	25,140	457	297,114
105	Galvanizing	4	71,077	6,000	4,000	11,948	49,129	4	10	10,342	41	21,229
106	Gas and lamp fixtures	68	3,049,874	151,000	129,908	754,952	2,014,014	77	280	346,777	2,101	1,153,991
107	Gas and oil stoves	7	433,656	----------	----------	46,934	386,721	8	29	26,297	167	83,437
108	Gas, illuminating and heating	13	134,177,693	21,071,975	21,502,512	61,155,817	30,447,389	----------	961	1,030,579	4,065	3,037,265
109	Gas machines and meters	9	496,329	78,706	79,397	113,667	224,559	7	32	40,055	240	151,047
110	Glass	9	848,907	117,525	99,900	127,743	503,739	6	46	48,560	994	440,655
111	Glass, cutting, staining, and ornamenting.	108	1,106,651	16,500	12,500	131,787	945,864	141	114	111,416	1,302	759,462
112	Gloves and mittens	34	245,410	----------	----------	31,060	214,350	38	27	24,780	483	191,851
113	Glue	5	180,680	----------	----------	30,580	150,100	6	13	18,446	28	18,722
114	Gold and silver, leaf and foil	36	401,891	57,000	44,600	74,945	225,346	43	20	22,400	446	199,799
115	Gold and silver, reducing and refining, not from the ore.	14	602,450	104,000	135,000	73,350	290,100	18	8	9,770	54	38,624
116	Grease and tallow	12	999,877	133,900	206,739	193,788	465,450	15	44	56,030	334	185,590
117	Hairwork	68	457,365	1,500	2,500	23,600	429,765	77	22	19,130	362	142,085
118	Hand knit goods	14	100,155	2,200	2,100	20,375	75,480	18	19	11,650	156	34,369
119	Hand stamps	33	251,051	----------	----------	109,579	141,472	37	16	18,326	212	102,973
120	Hardware	32	898,853	18,600	20,000	369,935	490,318	36	73	90,115	703	336,939
121	Hardware, saddlery	7	40,050	----------	----------	22,300	17,750	9	4	2,444	47	28,490
122	Hat and cap materials	28	754,675	35,500	38,500	108,885	571,790	87	24	27,918	610	196,343
123	Hats and caps, not including fur hats and wool hats.	256	2,474,510	79,200	50,800	278,738	2,065,772	372	188	188,971	4,126	1,896,189
124	Hosiery and knit goods	59	2,626,598	70,200	297,827	628,944	1,629,627	70	148	183,405	2,365	889,180
125	House furnishing goods, not elsewhere specified.	51	979,062	47,000	39,000	202,818	690,244	65	151	117,806	1,213	418,205
126	Ice, manufactured	26	2,042,582	283,104	487,959	1,127,606	143,913	13	45	37,832	256	162,602
127	Ink, printing	22	1,057,264	94,800	230,700	153,176	578,588	22	123	152,092	191	117,041
128	Ink, writing	6	430,623	53,000	61,365	47,222	269,036	8	13	26,099	97	46,758
129	Instruments, professional and scientific	81	761,000	48,000	27,700	201,602	483,698	106	71	58,508	582	344,042
130	Iron and steel	6	1,233,436	160,000	141,500	362,338	569,598	8	47	73,344	706	381,396
131	Iron and steel, bolts, nuts, washers, and rivets.	4	244,884	34,000	55,000	89,635	66,249	8	12	10,672	96	52,670
132	Iron and steel, doors and shutters	5	20,700	----------	----------	11,000	9,700	7	----------	----------	30	31,534
133	Iron and steel, forgings	5	607,703	87,606	96,111	179,018	244,968	5	27	32,654	173	125,381
134	Iron and steel, nails and spikes, cut and wrought, including wire nails.	8	245,900	35,000	32,000	42,500	136,400	11	3	1,836	103	60,570
135	Ironwork, architectural and ornamental.	175	5,333,034	807,000	792,100	1,048,587	2,685,347	214	303	366,887	4,365	2,640,962
136	Ivory and bone work	23	251,396	7,000	19,000	57,393	168,003	31	22	22,206	306	126,415
137	Japanning	7	9,119	----------	700	3,025	5,394	8	----------	----------	18	10,781
138	Jewelry	229	5,454,165	9,500	37,000	663,820	4,743,845	333	282	270,309	2,833	1,901,291
139	Jewelry and instrument cases	33	317,510	7,100	7,200	48,988	254,222	42	28	18,720	395	179,692
140	Kaolin and other earth grinding	5	77,704	13,000	8,706	13,948	42,050	9	2	2,520	38	22,300
141	Kindling wood	12	329,297	152,500	72,500	53,350	50,947	19	15	12,580	179	104,066
142	Labels and tags	13	143,935	----------	----------	31,977	61,958	13	25	47,506	174	79,435
143	Lamps and reflectors	28	767,148	14,100	17,500	201,654	533,894	26	104	109,531	503	310,833
144	Lapidary work	37	2,975,775	33,600	305,500	57,900	2,578,775	49	34	45,761	398	450,634
145	Lasts	8	78,742	----------	----------	32,448	46,294	7	10	13,087	103	58,404
146	Lead, bar, pipe, and sheet	5	534,500	25,000	15,000	106,500	388,000	7	22	28,180	77	41,840
147	Leather goods	113	2,685,149	27,400	28,100	291,166	2,338,483	143	282	271,491	2,826	1,126,206
148	Leather, tanned, curried, and finished	17	2,365,141	77,600	186,300	236,979	1,864,262	25	29	32,596	750	362,114
149	Lime and cement	11	1,555,379	274,000	261,500	526,701	493,178	10	54	63,496	747	359,590
150	Liquors, malt	89	65,585,624	9,871,952	13,904,167	9,820,617	31,988,888	30	991	2,543,117	4,824	3,853,523
151	Lithographing and engraving	94	10,658,023	204,000	603,526	4,732,339	5,118,158	95	572	862,783	5,474	3,063,777
152	Lock and gun smithing	310	330,118	42,200	19,950	96,960	171,008	332	12	11,660	250	148,519
153	Looking-glass and picture frames	215	1,234,196	19,400	73,500	181,305	959,991	247	123	133,403	1,244	670,528
154	Lumber and timber products	7	390,148	29,874	14,200	104,305	241,769	8	22	22,962	194	118,836
155	Lumber, planing mill products, including sash, doors, and blinds.	126	5,811,731	701,827	864,072	887,063	3,358,769	173	267	328,237	3,620	2,094,242
156	Malt	3	4,503,467	1,366,783	1,328,618	323,570	1,484,496	1	9	18,228	200	72,632
157	Mantels, slate, marble, and marbleized	6	601,942	55,000	20,500	34,000	492,442	5	55	56,361	286	203,851
158	Marble and stone work	164	5,592,977	985,200	471,818	1,404,684	2,731,275	225	221	274,642	3,771	2,880,158
159	Masonry, brick and stone	383	9,891,268	798,000	636,290	996,255	7,460,723	461	428	576,145	10,236	7,030,282
160	Mattresses and spring beds	95	813,266	6,000	3,000	96,561	707,705	122	104	130,405	852	443,274
161	Millinery and lace goods	383	7,692,055	52,450	65,000	1,104,050	6,470,555	559	1,180	1,052,169	11,213	4,014,101

BY SPECIFIED INDUSTRIES: 1900—Continued.

NEW YORK CITY—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
23	$13,074					$9,327	$1,100	$867	$7,360		$96,145	$94,820	$1,325	$140,985	92
84	37,607	76	$19,856	30	$4,564	55,165	19,870	225	34,870	$200	283,043	280,933	2,110	512,470	93
94	57,125	55	22,262			68,933	23,471	2,621	42,841		481,052	478,570	2,482	986,077	94
478	301,924	65	12,841			239,731	3,878	21,880	213,973		7,887,151	7,801,223	85,928	8,813,487	95
812	366,903	316	68,772	5	924	323,537	65,459	12,584	245,494		2,698,556	2,651,300	47,256	4,442,717	96
19,237	11,306,224	271	79,556	52	11,421	3,808,701	561,451	256,676	2,091,579	898,995	16,034,336	15,464,326	570,010	41,089,475	97
147	65,317	227	52,908	5	468	31,448	7,760	1,511	22,177		545,957	540,539	5,418	880,865	98
2,611	1,723,553	1,561	660,499	12	2,096	1,160,728	400,241	6,946	462,869	290,672	8,432,933	8,407,313	25,620	15,238,840	99
946	678,120	445	187,926	4	606	132,373	8,100	4,283	109,240	10,750	890,919	865,202	25,717	2,241,347	100
1,452	813,898	6,448	2,021,901	47	9,440	1,088,026	314,235	11,458	442,536	319,797	11,065,190	11,034,116	31,074	18,716,313	101
2,277	1,681,883	406	149,312	18	3,389	726,687	299,358	7,538	169,270	250,521	2,317,602	2,292,084	25,518	6,574,512	102
6,574	3,822,848	179	71,074	7	1,614	1,146,815	376,103	32,457	579,173	159,082	5,581,780	5,513,595	68,185	13,246,405	103
449	292,510	7	4,304	1	300	29,492	11,918	1,856	15,718		234,802	223,838	10,964	749,288	104
41	21,229					4,260	2,740	340	1,180		149,487	147,562	1,925	220,253	105
2,061	1,143,662	28	8,191	12	2,138	334,969	81,544	24,431	227,268	1,726	1,375,992	1,335,833	40,159	3,720,229	106
167	83,437					44,634	15,300	310	27,024	2,000	412,666	408,971	3,695	622,381	107
4,065	3,037,265					4,244,563	2,400	1,118,411	3,123,752		5,040,709	4,742,679	298,030	17,116,089	108
226	147,582	14	3,465			31,678	7,446	5,147	19,085		269,762	262,807	6,955	543,067	109
778	400,817	24	6,000	192	33,838	66,406	7,300	2,695	56,351	60	286,711	204,919	81,792	939,532	110
1,164	710,121	117	45,131	21	4,210	277,794	86,024	4,465	137,471	49,834	1,138,100	1,120,781	17,319	2,641,428	111
104	74,021	378	117,655	1	175	38,189	21,317	700	11,125	5,047	235,998	233,579	2,419	586,061	112
23	17,222	5	1,500			13,187	4,946	800	7,441		259,696	258,825	871	391,800	113
218	131,266	225	67,975	3	558	17,609	7,712	1,247	8,470	180	652,138	649,083	3,055	1,184,194	114
54	88,624					24,890	9,008	2,840	12,292	750	4,313,818	4,308,124	5,694	4,528,119	115
328	183,874	6	1,716			76,806	6,620	5,298	64,888		1,392,199	1,362,952	29,247	1,833,941	116
87	53,593	275	88,492			97,914	48,088	63	44,547	5,216	283,513	281,741	1,772	798,654	117
14	6,414	142	27,955			8,525	4,865	231	2,449	980	45,534	45,454	80	137,876	118
182	91,854	29	10,819	1	300	46,088	17,167	109	25,482	3,330	97,734	94,933	2,801	390,355	119
626	317,458	69	16,696	8	2,785	76,940	36,727	2,591	29,022	8,600	532,668	518,991	13,677	1,313,490	120
46	28,126	1	364			4,558	2,990		1,568		18,573	17,072	1,501	87,484	121
269	123,925	313	69,426	28	2,992	54,321	18,364	2,059	30,648	3,250	1,255,887	1,246,016	9,871	1,751,350	122
2,662	1,409,619	1,457	485,304	7	1,266	329,888	188,604	2,826	119,911	18,547	4,054,872	4,026,642	28,230	7,932,431	123
438	255,180	1,889	628,330	38	5,670	226,345	45,146	3,030	122,752	55,417	1,786,700	1,772,041	14,659	3,489,937	124
489	224,756	704	190,259	20	3,190	199,886	52,995	1,848	100,153	44,890	1,794,292	1,780,479	13,813	2,890,736	125
256	162,602					160,863	30,576	11,399	98,312	20,576	230,507	70,215	160,292	900,303	126
186	115,395	5	1,646			101,267	23,726	2,867	74,674		680,979	662,894	18,085	1,380,503	127
54	34,486	43	12,272			42,103	8,845	3,203	30,055		255,430	253,587	1,843	499,211	128
550	333,433	25	9,116	7	1,493	81,636	38,173	1,678	33,588	8,197	254,530	244,142	10,388	982,843	129
706	381,396					66,054	16,640	8,611	40,803		528,382	467,770	60,612	1,235,909	130
94	51,942			2	728	13,992	225	1,374	3,393	9,000	108,840	104,560	4,280	219,572	131
30	31,534					4,211	3,252		959		26,260	25,518	742	87,080	132
173	125,381					49,304	1,420	2,184	45,700		141,926	127,483	14,443	467,975	133
101	59,870	1	200	1	500	6,647	3,380	1,260	1,997	10	212,809	208,055	4,754	349,414	134
4,297	2,638,830	3	1,092	5	1,040	716,609	112,146	24,080	229,313	351,070	6,175,509	6,094,054	81,455	11,389,721	135
256	116,703	49	9,452	1	260	19,563	10,380	383	7,600	1,200	226,582	222,252	4,330	500,336	136
17	10,570	1	211			2,828	2,010		818		7,375	6,718	657	26,110	137
2,266	1,729,090	440	151,511	127	20,690	458,436	138,833	2,838	234,282	82,483	5,160,102	5,120,096	40,006	9,712,179	138
218	127,272	165	50,360	12	2,060	56,805	20,221	306	15,938	20,340	235,514	230,669	4,845	657,641	139
38	22,300					7,458	2,800	361	4,297		73,067	66,955	6,112	134,475	140
176	103,616			3	450	30,558	14,528	5,910	10,120		213,053	211,011	2,042	434,090	141
81	51,568	78	24,867	15	3,000	36,921	14,690	125	16,606	5,500	82,202	79,224	2,978	295,007	142
537	293,613	65	16,760	1	460	106,631	34,973	2,643	57,815	11,200	507,635	499,062	8,573	1,243,388	143
376	444,676	14	4,571	8	1,387	66,886	20,583	4,843	40,751	709	4,514,539	4,506,513	8,026	5,500,861	144
103	58,404					23,985	6,470	231	17,284		50,409	48,011	2,398	185,730	145
75	41,240	2	600			49,954	11,940	1,004	37,010		1,310,476	1,299,545	10,931	1,591,540	146
1,763	829,740	1,007	286,218	56	10,248	528,486	104,513	3,047	374,556	46,370	3,414,602	3,397,924	16,678	6,119,864	147
662	335,384	88	26,730			63,083	14,860	3,260	44,963		2,473,878	2,454,557	19,321	3,331,136	148
740	357,130	5	2,060	2	400	154,445	32,200	14,186	107,759	300	752,713	683,680	69,033	1,736,858	149
4,816	3,851,219	6	1,584	2	720	19,253,530	80,340	378,109	18,795,081		7,688,529	7,085,073	603,456	39,105,837	150
4,416	2,794,348	829	234,737	229	34,692	1,412,338	269,657	36,453	1,019,096	87,132	3,296,875	3,219,207	77,668	9,655,798	151
239	145,593	6	1,964	5	962	76,161	64,646	884	9,506	1,125	139,064	130,757	8,307	629,476	152
1,172	655,673	53	11,522	19	3,333	270,156	146,284	4,977	109,363	9,532	1,244,745	1,233,125	11,620	2,964,261	153
194	118,836					54,299	26,775	1,016	26,508		210,026	209,726	300	470,372	154
3,611	2,092,430			9	1,812	464,955	136,754	36,443	237,947	53,811	5,250,541	5,201,165	49,376	9,290,689	155
200	72,632					63,784	1,982	11,906	49,896		701,558	679,188	22,370	879,201	156
285	203,651			1	200	92,175	4,450	1,114	86,611		250,253	247,963	2,290	701,266	157
3,771	2,880,158					580,940	140,693	31,856	271,432	136,959	3,358,340	3,286,559	71,781	8,984,182	158
10,203	7,021,972	25	6,660	8	1,650	16,248,273	114,213	36,866	424,029	15,673,165	14,110,501	14,056,376	54,125	43,353,473	159
694	381,714	158	61,560			165,804	83,653	650	73,881	7,620	1,434,822	1,425,439	9,383	2,744,134	160
1,898	1,114,172	9,218	2,882,563	97	17,366	1,136,541	518,567	8,565	509,013	100,396	11,163,633	11,088,958	74,675	20,983,956	161

TABLE 8.—MANUFACTURES IN CITIES

NEW YORK CITY—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
162	Millinery, custom work	517	$1,857,453	$114,800	$105,600	$91,567	$1,545,486	585	277	$164,290	2,836	$1,087,131
163	Mineral and soda waters	279	4,209,724	705,100	723,622	1,632,420	1,148,582	340	212	233,775	1,781	1,041,207
164	Mirrors	31	1,426,584	10,000	30,000	177,849	1,208,735	51	91	106,550	913	509,186
165	Models and patterns	72	410,135	22,500	43,500	121,808	222,327	87	26	27,354	414	297,201
166	Monuments and tombstones	111	1,087,399	211,820	111,543	115,798	648,238	127	28	31,598	713	536,170
167	Mucilage and paste	8	84,575	1,800	200	15,575	67,000	5	25	19,716	35	20,094
168	Musical instruments and materials, not specified.	42	997,279	32,200	37,300	132,939	794,840	42	30	39,246	350	197,191
169	Musical instruments, organs and materials.	10	145,900	18,000	17,000	23,900	87,000	14	1	2,500	85	71,012
170	Musical instruments, pianos and materials.	95	11,371,771	1,093,034	1,582,883	728,026	7,967,828	107	375	554,036	5,664	3,397,522
171	Oil, essential	6	198,725	50,000	30,000	25,025	93,700	1	19	9,670	22	17,415
172	Oil, lard	3	218,773	15,000	15,000	13,516	175,257	3	14	14,142	47	25,934
173	Oil, linseed	3	1,603,942	600,000	202,000	230,321	571,621	1	7	13,560	99	55,140
174	Oil, not elsewhere specified	36	1,057,568	85,500	78,700	188,810	704,558	41	125	135,226	209	126,227
175	Optical goods	54	555,575	35,000	32,500	81,425	406,650	72	88	78,460	291	157,818
176	Painting, house, sign, etc	1,688	3,958,615	414,850	411,700	589,394	2,542,671	1,970	251	186,930	8,114	6,703,689
177	Paints	61	10,354,097	2,064,180	958,937	1,310,897	6,020,083	22	420	640,800	1,970	1,065,584
178	Paper goods, not elsewhere specified	57	3,363,376	252,000	457,704	737,427	1,916,245	70	241	307,754	1,725	645,865
179	Paper hanging	21	116,208	900	900	12,028	102,380	23	2	1,280	160	71,307
180	Paper hangings	12	3,097,591	115,000	229,980	1,180,259	1,572,352	6	197	352,421	1,693	911,373
181	Paper patterns	5	191,914	30,000	70,000	21,025	70,889	2	86	58,452	625	189,564
182	Patent medicines and compounds	180	7,256,270	942,530	1,088,694	645,623	4,579,423	155	716	839,297	1,578	671,519
183	Paving and paving materials	40	8,700,607	4,397,913	315,505	1,076,390	2,910,799	35	113	137,717	1,489	754,986
184	Pens, fountain and stylographic	9	261,670	----------	----------	25,175	236,495	8	49	56,834	105	48,395
185	Pens, gold	14	307,734	----------	----------	88,856	218,878	17	39	45,672	301	191,623
186	Perfumery and cosmetics	63	1,383,134	5,700	52,700	163,063	1,161,671	70	264	334,203	569	199,335
187	Phonographs and graphophones	3	77,800	----------	----------	46,600	31,200	1	2	5,000	66	38,672
188	Photographic apparatus	8	126,011	----------	----------	18,850	107,161	4	17	19,050	79	40,020
189	Photographic materials	13	62,145	2,400	2,000	27,550	30,195	16	11	7,690	67	24,646
190	Photography	393	1,021,997	44,750	50,350	422,958	503,939	432	125	114,115	870	481,180
191	Photolithographing and photoengraving.	47	491,262	----------	----------	240,505	250,757	65	129	121,304	667	518,116
192	Pickles, preserves, and sauces	73	1,270,583	219,200	191,050	307,544	552,789	84	160	171,816	698	300,776
193	Pipes, tobacco	34	662,975	2,000	2,400	104,555	554,020	41	80	73,289	837	477,521
194	Plastering and stuccowork	115	608,816	30,700	13,700	111,887	452,529	166	37	40,640	1,013	817,797
195	Plated and britannia ware	7	158,133	----------	----------	63,498	94,635	12	28	19,730	211	96,372
196	Plumbers' supplies	31	1,262,478	169,700	121,800	295,193	675,785	26	103	125,433	511	287,625
197	Plumbing, and gas and steam fitting	1,608	5,967,588	702,085	603,116	704,752	3,957,635	1,817	354	366,000	8,149	5,770,198
198	Pocketbooks	49	340,937	12,500	41,000	28,796	258,641	61	62	47,776	549	233,539
199	Pottery, terra cotta, and fire-clay products.	17	1,867,408	556,640	490,915	257,929	561,924	15	74	91,143	934	394,029
200	Printing and publishing, book and job	996	19,107,954	564,000	586,892	9,632,219	8,324,843	1,190	1,552	1,689,166	12,857	7,730,447
201	Printing and publishing, music	22	987,093	5,000	2,000	130,463	849,630	29	129	89,522	215	119,736
202	Printing and publishing, newspapers and periodicals.	413	40,866,549	3,044,700	2,579,635	9,646,972	25,595,242	279	6,146	7,981,267	9,888	7,701,093
203	Printing materials	16	315,497	----------	----------	134,806	180,691	11	20	26,051	121	69,741
204	Refrigerators	13	533,289	66,500	120,000	69,550	277,239	16	23	21,849	419	191,256
205	Regalia and society banners and emblems.	32	174,348	----------	----------	26,751	147,597	35	24	17,977	101	40,608
206	Roofing and roofing materials	197	1,627,003	323,900	274,168	240,809	788,126	222	78	108,318	946	601,687
207	Rubber and elastic goods	50	3,378,258	154,923	240,341	644,972	2,338,022	55	192	252,601	1,871	739,368
208	Saddlery and harness	364	1,084,290	121,474	128,476	110,407	723,933	383	43	43,105	758	432,578
209	Safes and vaults	3	446,425	70,000	9,000	301,625	65,800	2	3	3,996	35	22,854
210	Sausage	28	190,383	39,200	50,500	31,924	68,759	32	10	8,424	84	53,118
211	Saws	6	25,565	4,600	4,000	10,900	6,065	6	1	500	9	4,932
212	Scales and balances	8	180,500	5,500	4,000	26,350	144,650	8	30	20,244	138	68,655
213	Sewing machine repairing	94	117,561	10,000	13,300	22,750	71,511	103	2	988	85	45,876
214	Sewing machines and attachments	11	126,282	----------	----------	37,650	88,632	12	42	27,572	75	40,672
215	Ship and boat building, wooden	83	3,974,116	938,732	422,212	1,047,141	1,566,031	118	77	117,576	2,484	1,493,448
216	Shipbuilding, iron and steel	7	1,918,982	734,566	169,086	410,953	604,377	5	50	86,895	1,445	879,667
217	Shirts	216	4,689,730	58,000	85,000	281,656	4,265,074	316	543	426,405	4,506	1,877,086
218	Show cases	11	151,074	16,000	7,000	28,700	99,374	12	23	19,859	226	119,649
219	Silk and silk goods	68	7,073,106	132,700	248,830	2,046,271	4,645,305	70	252	375,420	5,536	2,239,419
220	Silversmithing	22	466,775	12,500	15,000	106,650	332,625	31	29	36,092	477	298,651
221	Silverware	18	2,535,046	175,000	75,000	695,737	1,589,309	18	189	203,750	1,159	672,684
222	Slaughtering and meat packing, wholesale.	22	1,557,303	292,250	341,000	242,517	681,536	33	102	102,316	508	308,627
223	Slaughtering, wholesale, not including meat packing.	30	7,709,958	835,000	2,290,000	832,150	3,752,808	38	253	308,538	1,424	994,899
224	Smelting and refining, not from the ore	7	819,291	150,700	69,500	46,350	552,741	9	75	97,378	160	126,905
225	Soap and candles	50	4,054,753	533,912	417,426	771,749	2,331,666	50	192	243,797	981	467,582
226	Soda water apparatus	8	689,734	8,000	10,000	118,308	553,426	7	63	62,122	287	115,410
227	Sporting goods	35	340,611	13,000	13,000	52,915	261,696	37	45	33,732	217	85,490
228	Springs, steel, car and carriage	3	90,622	20,000	10,000	34,092	26,530	2	12	19,626	54	24,115
229	Stamped ware	36	4,016,303	246,000	804,500	979,533	1,986,270	45	155	174,959	2,772	1,079,128
230	Stationery goods, not elsewhere specified.	35	1,091,353	155,012	135,125	200,820	600,396	38	100	97,311	639	256,778
231	Steam fittings and heating apparatus	27	2,365,199	159,700	186,060	499,123	1,520,316	31	152	273,020	1,332	837,475

BY SPECIFIED INDUSTRIES: 1900—Continued.

NEW YORK CITY—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
88	$44,407	2,723	$1,039,138	25	$3,586	$526,190	$396,161	$5,397	$123,007	$1,625	$2,900,491	$2,886,070	$14,421	$6,023,164	162
1,761	1,036,832	4	1,275	16	3,100	512,866	110,904	35,817	366,145	------	1,314,248	1,274,907	39,341	4,240,811	163
830	486,896	70	19,840	13	2,450	188,817	72,175	1,566	110,276	4,800	2,466,645	2,447,702	18,943	3,884,443	164
351	277,540	59	18,681	4	980	60,721	29,872	10,714	16,635	3,500	182,243	171,186	11,057	766,427	165
713	536,170	------	------	------	------	76,177	32,382	4,694	31,381	7,720	779,504	772,184	7,320	1,769,800	166
33	19,194	2	900	------	------	29,412	7,690	237	21,485	------	102,519	99,445	3,074	213,420	167
298	184,801	44	10,390	8	2,000	43,893	21,254	2,058	19,281	1,300	209,184	203,539	5,645	566,167	168
83	70,512	------	------	2	500	11,327	6,280	562	4,385	100	93,362	91,531	1,831	230,299	169
5,501	3,370,396	6	1,708	157	25,418	1,021,742	201,586	58,065	695,676	66,415	5,560,933	5,486,187	74,746	12,650,905	170
21	16,990	1	425	------	------	34,479	2,417	1,200	30,862	------	186,123	179,480	6,643	272,161	171
46	25,695	1	239	------	------	39,040	7,192	1,972	29,876	------	508,527	505,255	3,272	675,611	172
99	55,140	------	------	------	------	30,323	400	6,514	23,409	------	1,221,300	1,206,573	14,727	1,372,259	173
201	124,207	7	1,708	1	312	94,696	27,006	2,641	64,849	200	1,965,051	1,956,463	8,588	2,796,531	174
225	141,032	53	15,098	10	1,688	82,996	48,130	5,870	27,756	1,240	533,338	527,312	6,026	1,093,672	175
8,028	6,677,113	58	21,677	28	4,899	919,714	400,738	15,700	239,814	263,462	3,752,766	3,726,155	26,611	13,978,421	176
1,794	1,020,665	170	43,539	6	1,380	716,014	97,503	58,670	554,841	5,000	7,610,946	7,500,618	110,328	11,407,160	177
800	400,307	882	239,073	43	6,485	369,612	87,784	14,625	248,203	19,000	2,240,083	2,205,312	34,771	4,003,799	178
160	71,307	------	------	------	------	8,606	6,495	32	1,279	800	73,651	73,394	257	238,396	179
1,430	835,256	215	65,833	48	10,284	203,765	86,863	17,713	99,189	------	2,004,702	1,944,217	60,485	3,888,432	180
64	57,495	561	132,069	------	------	21,981	6,600	1,816	13,565	------	86,420	85,960	460	387,800	181
792	449,649	781	221,044	5	826	3,438,778	138,774	44,322	3,208,871	46,811	2,898,491	2,850,436	48,055	9,792,820	182
1,487	754,680	------	------	2	306	167,412	34,393	11,166	120,353	1,500	1,747,370	1,702,859	44,511	3,495,563	183
94	44,620	10	3,550	1	225	72,371	11,620	142	58,609	2,000	235,550	233,714	1,836	524,079	184
273	181,517	28	10,106	------	------	27,845	12,574	271	11,600	3,400	264,138	261,125	3,013	657,693	185
164	89,704	398	108,288	7	1,343	341,809	66,035	5,108	270,366	300	1,250,702	1,243,950	6,752	2,605,514	186
56	34,672	10	4,000	------	------	6,546	2,840	48	3,658	------	46,148	45,800	348	119,980	187
73	37,770	6	2,250	------	------	20,433	5,508	87	11,838	3,000	26,949	25,970	979	141,472	188
42	18,544	24	5,920	1	182	8,499	5,674	100	2,725	------	54,565	53,855	710	131,280	189
674	401,398	180	76,493	16	3,289	323,875	241,588	2,101	73,111	7,075	623,605	614,633	8,972	2,232,130	190
644	505,781	12	10,225	11	2,110	85,732	49,572	864	29,421	6,375	206,338	193,996	12,342	1,090,257	191
395	213,030	295	86,246	8	1,500	340,502	69,557	6,818	264,127	------	1,747,762	1,726,903	20,859	2,877,471	192
692	421,931	137	54,020	8	1,570	83,463	29,204	145	42,974	11,140	801,790	792,359	9,431	1,673,350	193
976	805,751	30	10,546	7	1,500	96,259	48,790	2,180	19,145	26,144	324,535	320,593	3,942	1,575,292	194
179	87,460	31	8,756	1	156	22,550	10,052	330	12,028	140	112,400	107,252	5,148	335,413	195
509	286,939	------	------	2	686	125,523	32,020	8,839	72,176	12,488	900,177	885,979	14,198	1,664,212	196
8,065	5,751,109	1	225	83	18,864	751,945	425,291	21,482	192,179	112,993	10,016,830	9,917,498	99,332	21,194,749	197
401	190,764	133	40,789	15	1,986	48,515	18,494	730	27,129	2,162	431,759	429,233	2,526	932,957	198
807	360,137	127	33,892	------	------	198,993	4,210	15,254	179,529	------	214,625	127,315	87,310	1,144,780	199
10,829	6,967,211	1,915	739,681	113	23,555	4,404,740	910,590	37,983	1,356,218	2,099,949	7,206,921	6,959,448	247,473	26,484,933	200
190	110,066	23	9,240	2	430	251,297	37,387	250	40,234	173,426	160,647	156,599	4,048	853,862	201
8,065	6,997,136	1,736	687,673	87	16,284	13,556,498	990,740	203,090	6,788,564	5,574,104	12,168,060	11,734,348	433,712	51,397,304	202
113	67,211	8	2,530	------	------	28,049	15,884	300	11,865	------	141,323	136,846	4,477	355,227	203
414	190,106	------	------	5	1,150	63,781	9,348	4,031	30,402	20,000	367,892	363,985	3,907	758,054	204
26	15,160	75	25,448	------	------	46,505	18,489	86	14,460	13,470	143,788	143,031	757	301,104	205
941	600,969	1	468	4	250	174,637	47,402	6,888	105,822	14,525	1,140,421	1,109,688	30,733	2,429,984	206
844	461,138	987	270,571	40	7,659	270,751	52,427	10,129	174,475	33,720	2,606,126	2,558,562	47,564	4,663,440	207
715	420,396	37	11,000	6	1,182	171,308	106,136	4,371	60,496	305	683,008	674,492	8,516	1,842,573	208
35	22,854	------	------	------	------	4,575	2,820	1,365	390	------	22,386	20,886	1,500	60,803	209
84	53,118	------	------	------	------	20,316	9,781	1,338	8,381	816	341,388	335,732	5,656	480,595	210
9	4,932	------	------	------	------	5,321	806	100	1,115	3,300	8,230	7,844	386	27,800	211
137	68,505	------	------	1	150	39,837	27,992	1,942	9,903	------	65,479	63,092	2,387	245,415	212
83	45,136	2	740	------	------	27,054	22,420	232	4,102	300	70,119	68,646	1,473	225,766	213
75	40,672	------	------	------	------	22,507	6,810	56	15,131	510	48,072	46,375	1,697	194,006	214
2,446	1,485,034	9	4,136	29	4,278	144,872	58,872	18,580	56,779	10,641	1,267,853	1,244,991	22,862	3,919,804	215
1,437	876,911	2	936	6	1,820	74,101	11,400	13,919	23,782	25,000	741,189	726,082	15,107	2,212,315	216
1,928	1,060,146	2,561	813,649	17	3,291	2,812,342	208,714	2,599	501,440	2,099,589	7,240,088	7,215,214	24,874	14,212,181	217
218	118,049	8	1,600	------	------	23,572	12,579	725	9,268	1,000	171,627	168,237	3,390	410,055	218
2,286	1,170,249	3,069	1,040,345	181	28,825	1,309,980	166,863	18,408	399,800	724,909	4,714,785	4,656,514	58,271	9,521,354	219
414	275,857	57	21,914	6	880	41,754	18,104	860	21,640	1,150	450,737	445,185	5,552	1,028,361	220
1,064	615,364	66	46,570	29	10,750	249,231	58,485	15,234	172,512	3,000	1,240,726	1,224,272	16,454	2,741,994	221
500	305,933	5	2,000	3	694	163,220	29,573	11,984	121,663	------	7,038,012	7,015,503	22,509	7,955,806	222
1,423	994,595	1	304	------	------	725,813	75,410	39,572	610,132	699	30,975,865	30,897,895	77,970	34,923,412	223
160	126,905	------	------	------	------	126,639	4,809	3,219	118,611	------	1,428,039	1,404,813	23,226	2,073,751	224
743	400,319	180	57,422	58	9,841	1,571,713	93,065	17,415	1,457,996	3,237	4,529,480	4,479,450	50,030	7,729,792	225
277	113,269	9	1,985	1	156	72,918	17,678	5,103	50,137	------	246,124	241,395	4,729	694,148	226
120	58,928	88	24,262	9	2,300	21,031	11,346	710	8,225	750	86,016	83,123	2,893	283,626	227
54	24,115	------	------	------	------	11,975	5,120	787	2,568	3,500	56,805	52,879	3,926	135,391	228
1,809	860,376	738	196,122	225	22,630	315,885	37,660	14,632	257,743	5,850	1,892,085	1,814,534	77,551	4,059,668	229
228	125,162	404	130,303	7	1,313	143,376	36,060	3,810	97,706	5,800	635,313	626,209	9,104	1,511,850	230
1,266	821,005	64	15,950	2	520	326,403	45,492	7,364	261,719	11,828	2,209,181	2,184,584	24,597	4,144,977	231

TABLE 8.—MANUFACTURES IN CITIES

NEW YORK CITY—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
232	Steam packing	21	$253,364	$4,000	$5,000	$56,998	$187,366	22	43	$51,532	83	$49,366
233	Stencils and brands	17	107,913			68,873	39,040	24	6	6,388	133	62,887
234	Stereotyping and electrotyping	26	603,754	8,000	4,000	252,972	338,782	29	70	66,001	468	338,762
235	Sugar and molasses, refining	12	62,423,250	6,930,303	5,262,763	11,065,097	39,165,087	18	334	483,913	3,075	1,791,629
236	Surgical appliances	41	158,947	2,600	1,400	42,808	112,139	40	32	24,010	117	64,642
237	Taxidermy	12	72,929	2,600	4,800	1,179	64,350	13	5	3,224	38	26,142
238	Tin and terne plate	4	245,579	20,100	44,300	35,179	146,000	2	23	23,430	55	25,399
239	Tinfoil	7	1,821,557	101,500	1,002,500	441,800	275,757	7	28	42,832	396	167,488
240	Tinsmithing, coppersmithing, and sheet-iron working.	821	6,550,984	621,498	840,668	1,569,851	3,518,967	929	332	354,273	6,066	3,521,009
241	Tobacco, chewing, smoking, and snuff	13	1,134,692	49,000	70,300	193,918	821,474	6	81	124,221	758	252,741
242	Tobacco, cigars and cigarettes	1,841	15,669,371	698,666	906,681	895,332	13,168,692	2,044	937	1,191,016	20,519	8,875,882
243	Tools, not elsewhere specified	52	1,416,800	38,400	52,375	92,764	1,233,261	66	25	19,245	239	138,313
244	Toys and games	38	531,161	15,500	24,250	140,885	350,526	46	33	36,788	463	172,958
245	Trunks and valises	75	808,933	22,000	19,000	74,923	693,010	92	93	77,084	910	475,242
246	Type founding	5	563,000			319,000	244,000	3	29	45,421	271	148,248
247	Typewriter repairing	6	9,730			5,200	4,530	4	5	8,900	27	20,459
248	Typewriters and supplies	14	997,719	50,000	40,000	362,885	544,834	7	96	87,102	466	251,365
249	Umbrellas and canes	106	1,559,413	33,600	53,500	170,136	1,302,177	147	193	155,713	1,560	603,218
250	Upholstering materials	27	371,205	16,000	9,800	53,169	292,236	40	46	38,485	475	182,326
251	Varnish	32	5,476,228	526,018	608,087	414,215	3,927,908	18	288	629,430	521	335,291
252	Vault lights and ventilators	8	78,600	2,500	4,000	32,600	39,500	10	5	9,180	98	56,660
253	Vinegar and cider	8	229,314	29,000	45,000	66,661	88,653	8	3	2,368	63	35,633
254	Watch and clock materials	3	11,968			5,600	6,368	2	1	411	3	1,221
255	Watch cases	12	780,763	10,500	26,295	141,198	602,770	10	33	65,339	479	340,220
256	Watch, clock, and jewelry repairing	389	909,624	45,900	82,550	217,386	563,788	957	33	27,438	749	454,850
257	Whalebone and rattan	3	56,200			4,200	52,000	3			14	7,856
258	Whips	4	4,850			1,350	3,500	4			8	3,708
259	Window shades	52	875,728	84,401	41,999	122,301	627,027	60	69	79,862	340	158,287
260	Wirework, including wire rope and cable.	65	768,853	96,608	90,496	167,625	414,124	79	60	64,432	573	282,244
261	Wood, turned and carved	104	470,640	28,400	39,500	178,080	224,660	126	21	14,760	526	332,505
262	Woodenware, not elsewhere specified	3	8,250			2,100	6,150	6			22	10,240
263	Woolen goods	9	1,231,491	80,000	97,882	378,378	675,231	11	100	90,406	878	258,041
264	All other industries[1]	57	24,061,532	3,335,823	2,502,308	7,687,321	10,536,080	61	460	867,250	7,300	3,118,697

[1] Embraces agricultural implements, 2; bells, 1; brass, 1; brass and copper, rolled, 1; brick and tile, 2; cardboard, 1; cheese, butter, and condensed milk, factory product, 1; copper, smelting and refining, 1; cotton, cleaning and rehandling, 1; felt goods, 1; firearms, 1; hones and whetstones, 1; jute and jute goods, 2; lard, refined, 2; leather board, 1; liquors, vinous, 1; mats and matting, 2; millstones, 1; needles and pins, 1; oilcloth, enameled, 1; oilcloth, floor, 2; ordnance and ordnance stores, 1; paper and wood pulp, 2; pencils, lead, 2; petroleum, refining, 1; pulp goods, 2; pumps, not including steam pumps, 2; registers, car fare, 1;

BOROUGH OF BROOKLYN.

1	All industries	10,713	$271,375,301	$31,640,913	$40,350,331	$61,067,106	$138,316,951	11,708	7,332	$9,389,992	100,881	$51,107,604
2	Artificial feathers and flowers	8	30,409	12,000	8,000	7,895	2,514	7			33	11,378
3	Awnings, tents, and sails	43	69,243	4,050	5,950	14,620	44,623	48	8	4,160	111	56,112
4	Baskets, and rattan and willow ware	15	192,060	14,045	26,453	48,859	102,703	15	11	13,793	172	49,351
5	Belting and hose, leather	4	301,589			20,675	280,914	3	18	36,007	109	50,012
6	Bicycle and tricycle repairing	145	189,709	12,750	24,300	66,018	86,641	165	8	4,300	162	84,539
7	Blacksmithing and wheelwrighting	371	1,014,911	282,525	258,215	172,118	302,053	409	18	15,856	793	543,001
8	Bluing	3	10,200	3,500	4,500	550	1,650	5			3	1,144
9	Bookbinding and blank book making	19	415,702	3,000	2,000	180,170	230,532	18	22	37,020	392	182,514
10	Boot and shoe cut stock	4	15,350			1,250	14,100	5			14	5,480
11	Boot and shoe findings	8	29,850			6,550	23,300	3	3	3,000	25	9,408
12	Boot and shoe uppers	10	14,710	4,500	4,000	3,550	2,660	12			27	11,044
13	Boots and shoes, custom work and repairing.	1,229	383,014	63,082	79,368	99,121	141,443	1,240	1	600	469	195,898
14	Boots and shoes, factory product	44	2,708,740	118,500	213,668	634,391	1,742,181	59	195	204,950	3,494	1,519,228
15	Bottling	33	467,408	59,600	119,050	86,193	202,565	35	26	31,716	242	138,506
16	Boxes, cigar	7	47,300	3,200	4,500	14,250	25,350	10			69	33,376
17	Boxes, fancy and paper	20	223,520	8,700	17,300	96,842	100,678	24	36	31,801	602	183,590
18	Boxes, wooden packing	8	934,174	152,600	157,000	153,725	470,849	10	22	23,196	600	320,537
19	Brass castings and brass finishing	23	370,140	72,700	60,100	89,617	147,723	32	10	11,656	172	91,795
20	Brassware	13	354,300	7,300	9,700	173,900	163,400	12	23	19,900	378	159,248
21	Bread and other bakery products	805	8,251,058	723,049	1,027,634	658,891	841,484	819	294	204,813	2,848	1,710,966
22	Brooms and brushes	30	740,527	36,000	54,967	89,974	559,586	32	65	41,089	589	226,278
23	Buttons	3	54,050			23,850	30,700	2	2	2,240	261	65,720
24	Carpentering	472	2,548,773	364,050	341,175	262,346	1,581,202	523	63	55,278	2,574	1,917,094
25	Carpets, rag	10	7,368	1,000	200	1,650	4,518	10			9	3,480
26	Carriages and sleds, children's	8	36,450	1,500	7,500	3,550	23,900	8	1	1,200	46	24,152
27	Carriages and wagons	83	876,835	162,000	176,450	136,875	401,510	108	14	13,820	575	344,326
28	Chemicals	17	2,106,531	149,000	322,118	243,271	1,392,142	8	83	117,859	390	209,543
29	China decorating	7	26,815	5,000	4,000	5,260	12,555	7	5	2,800	31	11,880
30	Chocolate and cocoa products	3	37,983			16,912	21,071	5	6	4,612	23	17,650
31	Cleansing and polishing preparations	4	42,000	6,000	5,000	11,700	19,300	5	6	5,800	28	12,330

BY SPECIFIED INDUSTRIES: 1900—Continued.

NEW YORK CITY—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
80	$48,648	2	$510	1	$208	$47,462	$8,304	$803	$38,275	$80	$122,909	$118,559	$4,350	$347,937	232
108	58,379	25	4,508			15,987	9,664	205	6,118		30,458	29,185	1,273	161,752	233
458	336,727	5	1,123	5	912	77,978	39,500	1,472	33,506	3,500	209,063	191,684	17,379	859,722	234
3,022	1,777,105	53	14,524			2,191,065	22,610	134,060	2,032,537	1,858	84,048,259	83,362,978	685,281	88,598,113	235
63	46,739	52	17,545	2	358	41,804	19,211	132	15,911	6,550	79,043	77,400	1,643	320,230	236
28	22,244	8	3,598	2	300	10,429	7,082	204	1,917	1,226	46,024	45,739	285	106,413	237
55	25,399					14,058		1,161	12,897		366,409	363,934	2,475	463,199	238
196	111,511	169	50,536	31	5,441	152,250	27,226	4,787	120,237		888,146	879,456	8,690	1,296,523	239
5,470	3,375,109	531	134,469	65	11,431	680,141	303,034	27,144	301,613	48,350	5,853,032	5,241,177	111,855	12,385,922	240
271	142,784	484	109,489	8	468	1,681,380	22,391	7,723	1,651,266		1,502,234	1,489,780	12,454	3,829,313	241
11,634	5,883,644	8,830	2,984,912	55	7,326	8,128,984	576,667	46,589	7,491,067	14,661	13,820,706	13,760,659	60,047	37,998,261	242
201	123,723	38	14,590			43,489	12,718	1,747	18,744	10,280	111,154	106,196	4,958	442,986	243
275	126,206	178	44,929	10	1,823	71,630	24,713	823	35,944	10,150	304,127	299,182	4,945	736,044	244
886	468,134	21	6,562	3	546	118,826	78,629	1,487	37,760	950	1,312,857	1,308,002	4,855	2,460,263	245
195	126,397	76	21,851			46,341	22,950	1,496	21,895		111,040	105,006	6,034	425,855	246
27	20,459					3,427	2,381		1,046		10,074	9,765	309	44,980	247
419	239,064	37	10,873	10	1,428	75,300	21,315	3,759	50,226		269,228	264,085	5,143	910,604	248
691	343,598	860	258,538	9	1,082	266,748	89,650	1,720	148,698	26,680	3,250,329	3,233,364	16,965	5,106,333	249
174	93,784	291	86,563	10	1,979	70,801	25,400	479	31,915	13,007	441,236	437,336	3,900	971,121	250
501	327,399	20	7,892			484,323	11,335	25,785	446,703	500	3,865,281	3,821,201	44,080	6,145,505	251
98	56,660					8,453	6,765	150	1,538		84,440	82,125	2,315	221,000	252
63	35,633					11,761	4,160	596	7,005		59,806	56,393	3,413	132,577	253
8	1,221					1,650	528	125	997		1,366	1,254	112	6,745	254
457	329,427	22	10,793			47,536	8,338	1,033	38,165		1,122,789	1,118,207	4,582	1,787,940	255
668	436,398	29	10,515	52	7,937	253,421	186,162	1,874	44,555	20,830	408,336	394,307	14,029	1,959,445	256
13	7,356	1	500			4,657	2,320		2,337		98,875	98,350	525	135,000	257
5	3,708					980	780		175	25	6,847	6,600	247	15,600	258
232	127,192	96	29,082	12	2,013	106,578	36,397	2,711	67,470		1,515,461	1,505,224	10,237	2,086,758	259
507	262,846	64	19,118	2	280	82,449	29,500	2,823	46,126	4,000	445,116	436,392	8,724	1,090,498	260
517	330,447	3	858	6	1,200	62,090	40,565	1,312	19,563	650	285,249	266,847	18,402	928,016	261
22	10,240					1,479	1,048		431		6,370	6,180	190	24,480	262
134	71,900	719	183,141	25	3,000	153,902	18,272	2,112	93,317	40,201	510,153	503,824	6,329	1,145,338	263
5,399	2,710,445	1,544	353,519	357	54,733	1,765,339	99,627	191,715	1,461,290	12,707	28,692,761	28,073,252	619,509	36,546,322	264

rice, cleaning and polishing, 2; rules, ivory and wood, 2; sand and emery paper and cloth, 2; screws, machine, 2; starch, 2; straw goods, not elsewhere specified, 1; tar and turpentine, 1; tobacco, stemming and rehandling, 1; washing machines and clothes wringers, 1; watches, 1; windmills, 1; wood, preserving, 1; wool pulling, 2.

BOROUGH OF BROOKLYN.

77,504	$44,681,557	21,563	$6,131,684	1,814	$294,363	$25,778,955	$3,053,585	$1,244,126	$19,001,186	$2,480,058	$213,474,921	$210,168,348	$3,306,573	$342,127,124	1
8	4,018	25	7,360			2,445	1,714	300	431		5,772	5,683	89	26,843	2
75	42,285	36	13,827			18,234	14,239	145	3,350	500	93,462	92,514	948	238,277	3
93	33,428	67	14,309	12	1,614	4,190	2,249	642	1,299		163,732	161,413	2,319	264,309	4
109	50,012					53,620	5,672	418	47,530		478,585	475,763	2,822	673,065	5
153	82,838	1	200	8	1,501	43,764	31,970	369	9,355	2,070	167,239	163,466	3,773	472,017	6
788	541,885			5	1,116	98,058	60,155	8,591	26,116	3,196	488,038	464,973	23,065	1,638,038	7
2	884	1	260			847	284	77	506		1,279	1,250	29	5,500	8
206	114,927	162	60,387	24	7,200	32,831	18,220	50	14,511	50	206,873	202,712	4,161	577,737	9
5	2,370	7	2,810	2	300	1,029	890		139		28,030	28,010	20	42,700	10
13	6,070	12	3,338			10,955	1,720		1,035	8,200	23,670	23,220	450	59,485	11
18	8,786	9	2,258			1,497	1,088	128	281		6,914	6,655	259	27,185	12
459	194,332	4	800	6	766	160,778	142,328	2,410	15,040	1,000	373,655	359,451	14,204	1,324,276	13
2,328	1,160,691	1,092	347,432	74	11,105	304,339	41,787	5,778	252,534	4,240	3,213,911	3,191,473	22,438	5,733,432	14
238	137,338	3	1,018	1	150	164,154	14,084	8,040	142,030		663,719	635,987	27,732	1,321,834	15
50	27,240	19	6,186			5,953	2,440	118	3,395		43,412	42,632	780	105,340	16
168	88,164	376	89,352	58	6,074	25,475	15,541	391	9,543		173,291	169,795	3,496	518,465	17
600	320,537					57,500	5,526	7,300	44,674		1,234,017	1,232,672	1,345	1,784,328	18
172	91,795					17,637	7,554	1,719	8,064	300	392,348	382,044	10,304	611,675	19
254	130,571	116	27,427	8	1,250	39,547	16,095	857	22,595		295,649	290,468	5,181	570,675	20
2,656	1,660,642	172	47,842	20	2,982	598,258	261,341	30,582	306,205	180	4,801,905	4,652,830	149,075	9,029,951	21
350	171,257	223	52,773	16	2,248	39,022	10,139	2,891	25,092	900	450,791	444,889	5,902	894,371	22
59	21,400	184	42,060	18	2,260	11,055	2,435		3,020	5,600	86,164	84,954	1,210	222,000	23
2,568	1,916,224			6	870	1,021,368	58,961	13,724	64,915	883,768	2,670,598	2,645,670	24,928	7,041,562	24
9	3,480					1,258	978	38	242		4,519	4,381	138	15,474	25
44	23,852			2	300	3,908	2,878	120	910		64,645	64,175	470	112,360	26
575	344,326					48,601	24,627	5,478	15,016	3,480	380,779	368,876	11,903	1,049,935	27
376	206,573	14	2,970			210,221	20,566	11,546	175,609	2,500	2,690,748	2,613,583	77,165	3,574,085	28
9	6,280	22	5,600			2,517	1,492	200	825		6,292	4,180	2,112	39,225	29
20	16,650	3	1,000			2,595	2,370		225		60,216	59,626	590	92,054	30
19	9,064	9	3,266			2,726	1,051	175	1,500		89,305	87,360	1,945	124,500	31

TABLE 8.—MANUFACTURES IN CITIES

BOROUGH OF BROOKLYN—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
32	Clothing, men's, custom work and repairing.	925	$1,560,397	$209,745	$251,255	$132,276	$967,121	994	47	$32,826	1,481	$837,325
33	Clothing, men's, factory product	482	2,051,149	228,003	261,847	271,080	1,290,219	539	74	126,093	6,981	2,928,782
34	Clothing, men's, factory product, buttonholes.	28	105,897	21,230	22,537	49,350	12,780	30			221	76,431
35	Clothing, women's, dressmaking	279	275,050	37,000	33,262	49,477	155,311	301	31	25,571	654	282,662
36	Clothing, women's, factory product	125	989,995	70,900	95,100	116,383	707,612	149	93	77,801	2,604	986,561
37	Coffee and spice, roasting and grinding	15	6,283,517	485,315	938,105	824,199	4,035,898	27	170	221,659	896	405,799
38	Coffins, burial cases, and undertakers' goods.	3	286,635			41,364	245,271	2	44	44,730	174	79,366
39	Confectionery	195	2,112,204	300,681	463,978	500,340	847,205	204	175	171,109	1,570	526,133
40	Cooperage	36	2,753,151	120,903	712,537	449,180	1,470,531	41	27	48,338	1,478	655,398
41	Cordage and twine	5	4,130,800	195,000	355,000	932,823	2,647,977		40	107,809	1,348	506,518
42	Cork, cutting	7	72,300			16,400	55,900	5	10	9,360	96	36,242
43	Corsets	6	123,028	1,800	1,200	21,024	99,004	9	10	9,280	222	65,862
44	Cotton goods	3	27,552	2,600	4,000	9,796	11,156	4	1	1,500	53	16,265
45	Cotton small wares	3	84,500			35,500	49,000	4	10	7,500	99	32,105
46	Druggists' preparations, not including prescriptions.	6	2,144,999	316,635	245,365	377,217	1,205,782	7	90	140,709	548	222,539
47	Drug grinding	4	191,227	27,000	53,000	56,170	55,057	4	8	10,600	104	37,518
48	Dyeing and cleaning	83	150,798	33,750	33,474	45,921	37,653	93	11	4,886	190	91,306
49	Dyeing and finishing textiles	6	302,904	32,000	54,614	54,678	161,612	10	13	11,642	139	62,592
50	Electrical apparatus and supplies	12	348,600	1,500	4,000	111,600	231,500	13	50	38,391	340	140,675
51	Electrical construction and repairs	53	120,569	1,300	1,000	26,287	91,982	63	22	16,943	176	110,426
52	Electroplating	10	28,600			19,475	9,125	13	1	65	67	34,065
53	Enameling and enameled goods	4	1,313,000	162,500	215,000	350,500	585,000	3	32	24,158	638	221,559
54	Engraving and diesinking	7	12,235	6,300	1,500	1,560	2,875	8			7	1,956
55	Engraving, steel, including plate printing.	3	9,035			8,125	910	6			48	23,763
56	Fancy articles, not elsewhere specified	9	126,004			41,527	84,477	9	23	21,776	164	56,835
57	Fertilizers	5	1,125,780	173,000	286,496	224,208	442,076	3	11	23,886	266	136,264
58	Files	6	78,900	18,000	16,500	21,200	23,200	9	1	364	66	35,676
59	Fireworks	3	50,900			33,300	17,600	2	4	4,280	75	18,380
60	Fish, canning and preserving	3	9,015	3,800	3,200	515	1,500	5			8	3,292
61	Flavoring extracts	3	4,215			560	3,655	3	5	3,204	3	1,432
62	Flouring and grist mill products	3	1,487,103	757,000	255,000	182,543	292,560	1	20	38,260	112	73,964
63	Food preparations	30	560,305	83,500	178,000	112,925	185,880	44	24	17,100	314	103,592
64	Foundry and machine shop products	189	26,446,178	1,449,618	1,777,459	4,573,716	18,645,385	209	773	1,069,821	8,499	4,654,324
65	Fruits and vegetables, canning and preserving.	3	1,650,982	85,000	89,000	17,500	1,459,482	2	24	43,300	243	79,554
66	Fur goods	30	632,629	117,000	41,000	45,345	429,284	37	49	42,644	264	154,245
67	Fur hats	4	1,387,058	178,000	278,000	281,695	649,363	4	49	122,276	1,236	798,641
68	Furnishing goods, men's	11	284,300	2,000	1,500	37,100	243,700	17	29	16,628	457	147,171
69	Furniture, cabinetmaking, repairing, and upholstering.	230	501,755	88,000	89,175	61,801	262,779	257	21	17,732	429	270,970
70	Furniture, factory product	37	993,474	86,300	131,500	138,659	637,015	54	89	101,426	1,266	633,242
71	Furs, dressed	21	272,540	41,850	50,750	42,840	137,100	27	8	10,290	281	170,079
72	Gas and lamp fixtures	20	725,544	101,000	111,908	147,942	364,694	21	66	72,231	405	217,550
73	Glass	7	714,076	115,525	80,800	116,847	400,904	4	39	39,756	952	414,501
74	Glass, cutting, staining, and ornamenting.	28	194,574	9,000	2,000	39,017	144,557	34	19	15,472	297	153,050
75	Gold and silver, leaf and foil	19	84,006	11,000	18,000	22,345	32,661	21	1	800	159	60,354
76	Grease and tallow	4	259,069	59,900	34,737	56,289	108,143	3	6	14,136	60	28,736
77	Hairwork	15	22,035	1,500	2,500	2,645	15,390	15	2	1,040	28	8,989
78	Hand knit goods	5	19,880	2,200	2,100	12,950	2,630	5			12	5,206
79	Hand stamps	4	67,000			55,000	12,000	6	4	2,000	80	34,254
80	Hardware	14	857,891	18,600	20,000	124,266	195,025	19	19	23,996	309	147,660
81	Hat and cap materials	7	637,400	35,500	38,500	73,660	489,740	9	12	16,802	493	142,669
82	Hats and caps, not including fur hats and wool hats.	19	65,605	3,700	5,300	10,405	46,200	23	14	11,604	128	38,277
83	Hosiery and knit goods	35	1,614,468	55,200	237,827	424,534	896,907	44	67	92,327	1,416	555,364
84	House furnishing goods, not elsewhere specified.	11	377,775	32,000	32,000	103,275	210,500	15	44	27,336	387	146,060
85	Ice, manufactured	10	659,379	88,550	129,575	389,537	51,717	4	18	16,780	82	55,350
86	Ink, printing	7	263,114	34,800	26,700	45,655	155,959	2	53	61,508	63	37,977
87	Instruments, professional and scientific	24	325,042	47,000	26,200	87,426	164,416	36	31	25,500	271	163,495
88	Iron and steel, nails and spikes, cut and wrought, including wire nails.	4	136,590	5,000	4,000	32,000	95,590	8	2	900	59	29,600
89	Ironwork, architectural and ornamental.	53	1,879,005	255,500	351,600	443,130	828,775	66	85	96,365	1,626	962,672
90	Ivory and bone work	8	118,818	7,000	19,000	20,785	72,033	15	7	7,280	120	33,228
91	Jewelry	7	345,000	9,500	22,000	14,000	299,500	12	4	5,036	86	61,361
92	Jewelry and instrument cases	3	10,100	1,100	3,200	3,800	2,000	3			11	3,552
93	Lamps and reflectors	3	19,400	5,000	2,500	4,150	7,750	4	2	1,136	20	12,178
94	Lapidary work	5	1,548,500	3,600	3,500	23,700	1,517,700	2	7	5,670	105	180,779
95	Leather goods	13	79,270	14,450	18,850	20,650	25,320	16	3	2,124	127	51,305
96	Leather, tanned, curried, and finished	7	1,157,000	45,600	141,300	171,600	798,500	8	14	19,676	527	245,264
97	Lime and cement	5	106,000	49,000	21,500	15,800	19,700	5			43	23,440
98	Liquors, malt	85	15,739,923	1,846,627	3,628,395	3,609,758	6,655,143	9	323	794,515	1,497	1,201,945
99	Lithographing and engraving	5	2,373,424	136,000	211,000	1,022,598	1,003,826	3	120	118,347	1,636	630,047
100	Lock and gun smithing	96	94,970	19,200	14,950	28,330	32,490	104			46	27,632
101	Looking-glass and picture frames	60	140,610	13,400	12,500	18,555	96,155	66	9	5,790	93	45,942

BY SPECIFIED INDUSTRIES: 1900—Continued.

BOROUGH OF BROOKLYN—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
1,300	$772,689	170	$62,868	11	$1,768	$444,514	$208,150	$8,188	$45,948	$182,228	$1,352,950	$1,329,549	$23,401	$3,747,713	32
3,917	2,015,671	3,015	904,627	49	8,484	525,778	84,703	7,305	113,767	320,003	1,420,721	1,376,552	44,169	6,020,999	33
98	45,653	112	29,040	11	1,738	7,553	2,014	456	5,083	------	26,548	25,086	1,462	146,506	34
220	141,276	427	140,839	7	547	70,093	55,472	1,063	10,778	2,780	307,597	301,372	6,225	973,971	35
771	452,553	1,811	528,628	22	5,380	163,033	45,476	2,981	77,060	37,516	1,265,614	1,253,611	12,003	3,233,161	36
520	305,674	352	95,455	24	4,670	1,249,530	11,073	37,929	1,200,528	------	12,685,259	12,610,846	74,413	14,902,022	37
137	69,976	37	9,390	------	------	48,966	7,338	365	41,263	------	171,180	168,740	2,440	423,738	38
711	337,861	750	173,683	109	14,589	477,001	91,405	12,502	373,059	85	2,323,977	2,288,903	35,074	4,160,867	39
1,431	645,903	------	------	47	9,495	185,151	8,163	13,772	163,216	------	1,994,954	1,965,404	29,550	3,030,584	40
964	397,494	280	87,353	104	21,666	171,754	28,240	5,754	137,760	------	3,677,036	3,643,621	33,415	5,141,909	41
50	25,988	46	10,254	------	------	7,574	5,422	------	2,152	------	146,925	145,245	1,680	218,800	42
16	9,290	206	56,572	------	------	9,011	5,420	36	3,555	------	114,377	112,277	2,100	251,250	43
15	6,690	35	9,185	3	390	3,168	730	144	2,294	------	72,383	71,656	727	100,966	44
30	16,400	65	15,100	4	605	8,820	3,170	------	2,450	3,200	90,242	89,192	1,050	150,000	45
433	192,788	113	29,376	2	375	188,195	2,100	14,258	171,837	------	2,679,700	2,607,237	72,463	3,709,923	46
59	29,268	40	8,000	5	250	9,384	2,100	934	6,350	------	195,214	187,205	8,009	342,934	47
115	63,160	72	27,452	3	694	42,538	27,663	821	11,565	2,489	45,499	37,668	7,831	291,825	48
86	43,600	53	18,992	------	------	12,196	960	1,265	9,971	------	48,143	37,760	5,383	194,309	49
334	139,005	6	1,670	------	------	44,400	11,060	147	28,993	4,200	314,645	309,390	5,255	591,101	50
172	109,600	1	260	3	566	16,877	12,092	33	4,627	75	211,617	209,631	1,986	446,276	51
65	33,792	1	208	1	65	6,214	4,019	------	2,195	------	16,813	14,738	2,075	74,410	52
484	189,656	88	22,832	66	9,071	16,449	4,024	2,440	9,985	------	1,004,918	993,503	11,415	1,382,790	53
3	1,466	------	------	4	490	1,416	1,116	120	180	------	1,280	1,168	112	11,800	54
27	19,963	1	300	20	3,500	1,925	1,350	------	575	------	2,266	2,206	60	35,800	55
85	38,080	75	17,979	4	776	23,697	8,275	------	15,422	------	82,603	79,403	3,200	214,847	56
260	136,264	------	------	------	------	61,622	------	8,028	53,594	------	629,384	599,305	30,079	1,008,793	57
66	35,676	------	------	------	------	2,469	228	821	1,420	------	16,002	13,122	2,880	70,700	58
24	7,900	47	9,940	4	540	5,416	3,300	------	2,116	------	11,635	11,160	475	57,613	59
8	3,292	------	------	------	------	897	300	152	445	------	32,565	32,065	500	43,585	60
3	1,432	------	------	------	------	582	224	------	358	------	5,347	5,307	40	14,980	61
112	73,964	------	------	------	------	50,671	3,638	4,885	42,148	------	1,671,977	1,651,873	20,104	1,926,185	62
223	88,201	91	15,391	------	------	21,209	7,866	2,434	10,909	------	611,165	601,867	9,298	889,052	63
8,312	4,603,704	175	48,205	12	2,415	1,238,960	155,047	97,047	951,794	35,072	7,391,466	7,067,470	323,996	18,505,348	64
75	25,844	168	43,710	------	------	20,681	2,460	1,309	16,912	------	396,588	393,236	3,352	664,943	65
124	90,421	140	63,824	------	------	40,874	22,254	1,824	14,146	2,650	414,616	410,014	4,602	795,156	66
852	631,573	380	166,462	4	606	80,853	2,100	4,283	74,470	------	709,570	684,068	25,502	1,899,047	67
16	9,128	411	133,043	30	5,000	34,770	7,712	57	4,601	22,400	389,442	386,727	2,715	636,450	68
391	256,966	32	12,910	6	1,094	90,469	50,509	2,699	22,694	14,567	322,913	318,040	4,873	961,502	69
1,233	622,098	29	10,044	4	1,100	110,910	47,153	3,517	60,240	------	1,050,730	1,039,242	11,488	2,335,608	70
280	169,779	------	------	1	300	16,178	4,173	1,380	10,625	------	146,208	139,671	6,537	425,716	71
399	215,539	6	2,011	------	------	47,310	10,980	2,897	32,707	726	228,670	222,439	6,231	653,594	72
738	375,083	24	6,000	190	33,418	58,302	7,100	2,203	48,999	------	268,475	195,103	73,372	867,698	73
271	146,408	20	5,542	6	1,100	25,763	13,025	312	12,426	------	189,461	184,582	4,879	483,204	74
58	30,890	100	29,264	1	200	5,061	1,694	497	2,870	------	138,053	137,076	977	252,882	75
59	28,528	1	208	------	------	21,886	240	1,864	19,782	------	173,366	162,946	10,420	252,820	76
2	1,374	26	7,615	------	------	6,074	5,000	63	595	416	12,770	12,465	305	45,860	77
7	3,850	5	1,356	------	------	652	305	81	266	------	4,168	4,119	49	13,550	78
59	27,698	21	6,556	------	------	22,756	2,398	------	20,058	300	13,792	13,275	517	89,000	79
261	136,974	47	10,436	1	250	25,535	9,166	1,714	14,655	------	264,717	257,985	6,732	611,909	80
195	82,935	274	57,418	24	2,316	34,081	8,350	2,059	23,672	------	990,717	982,487	8,230	1,327,309	81
80	29,787	48	8,490	------	------	10,461	4,383	133	5,562	383	152,667	151,807	860	273,700	82
296	181,508	1,098	370,574	22	3,282	114,761	19,326	2,143	72,812	20,480	1,083,762	1,075,674	8,088	2,112,510	83
238	107,868	148	38,048	1	144	38,175	6,707	1,228	30,140	100	303,083	298,592	4,491	610,100	84
82	55,350	------	------	------	------	38,380	5,900	4,679	27,801	------	82,057	24,731	57,326	279,626	85
62	37,625	1	352	------	------	21,239	4,650	691	15,898	------	225,500	222,180	3,320	492,303	86
260	159,983	10	3,412	1	100	21,361	9,935	1,469	8,960	997	84,218	79,734	4,484	365,292	87
58	29,400	1	200	------	------	3,940	2,000	360	1,570	10	131,900	128,300	3,600	198,500	88
1,624	961,840	2	832	------	------	124,352	19,489	7,996	73,667	23,200	2,039,682	2,008,479	31,203	3,553,324	89
80	26,478	40	6,750	------	------	3,813	1,664	370	1,779	------	69,058	67,280	1,778	156,012	90
66	53,836	19	7,375	1	150	11,027	1,670	425	8,607	325	396,665	395,432	1,233	529,330	91
5	2,287	6	1,265	------	------	589	168	81	340	------	4,260	4,175	85	11,300	92
20	12,178	------	------	------	------	1,527	440	47	1,040	------	6,434	6,194	240	29,200	93
105	180,779	------	------	------	------	25,315	2,655	370	22,290	------	2,604,335	2,602,820	1,515	2,948,708	94
96	44,842	15	3,487	16	2,976	3,938	1,415	484	2,039	------	96,970	94,876	2,094	200,167	95
440	218,770	87	26,494	------	------	30,727	4,160	2,212	24,355	------	1,741,174	1,728,489	12,685	2,360,101	96
43	23,440	------	------	------	------	2,830	------	1,265	1,265	300	27,066	23,616	3,450	59,200	97
1,491	1,200,361	6	1,584	------	------	5,139,902	1,560	100,007	5,038,335	------	2,232,410	2,029,941	202,469	11,380,668	98
1,056	499,026	475	119,373	105	11,648	147,555	5,350	5,297	136,908	------	972,172	954,166	18,006	2,206,655	99
45	27,392	------	------	1	240	16,167	13,297	477	2,393	------	37,044	35,137	1,907	145,347	100
85	44,142	7	1,630	1	170	25,136	19,480	679	4,965	12	109,503	107,748	1,755	253,705	101

TABLE 8.—MANUFACTURES IN CITIES

BOROUGH OF BROOKLYN—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
102	Lumber, planing mill products, including sash, doors, and blinds.	50	$3,222,227	$381,322	$399,942	$421,739	$2,019,224	67	141	$181,403	2,017	$1,120,812
103	Mantels, slate, marble, and marbleized	3	121,500	45,000	11,500	5,000	60,000	------	5	12,300	70	54,270
104	Marble and stone work	48	1,312,670	262,000	113,400	257,770	679,500	57	27	30,485	708	542,101
105	Masonry, brick and stone	100	1,996,200	319,950	359,270	118,728	1,198,252	120	44	53,782	1,340	938,604
106	Mattresses and spring beds	22	61,160	6,000	3,000	11,235	40,925	26	3	1,850	77	40,754
107	Millinery and lace goods	21	134,951	2,450	6,000	47,093	79,408	24	19	23,334	600	137,306
108	Millinery, custom work	140	438,169	62,800	56,300	19,454	299,615	154	75	31,290	485	147,593
109	Mineral and soda waters	72	704,994	114,100	143,522	204,799	242,573	99	43	27,245	341	179,740
110	Models and patterns	19	76,084	11,000	15,500	29,375	20,209	27	3	3,237	82	60,359
111	Monuments and tombstones	40	538,700	75,970	86,050	45,650	331,030	45	9	13,980	373	265,066
112	Mucilage and paste	3	8,275	1,800	200	1,275	5,000	3	1	120	2	1,400
113	Musical instruments and materials, not specified.	9	91,250	25,600	19,900	17,525	28,225	9	4	3,200	46	20,466
114	Musical instruments, pianos and materials.	7	605,745	35,000	90,000	30,700	450,045	9	17	25,200	332	206,816
115	Oil, not elsewhere specified	5	249,900	20,500	29,000	62,600	137,800	5	38	40,650	37	27,135
116	Optical goods	8	97,300	20,000	26,000	14,300	37,000	10	6	4,400	21	14,656
117	Painting, house, sign, etc	598	1,077,815	128,500	118,600	192,971	637,744	691	57	38,747	2,451	1,584,948
118	Paints	26	3,881,585	274,538	461,725	526,952	2,618,370	11	161	306,795	756	387,020
119	Paper goods, not elsewhere specified	11	957,387	74,000	205,500	259,922	417,965	13	70	109,537	480	186,840
120	Paper hanging	11	10,025	900	900	2,645	5,580	12	2	1,280	30	22,334
121	Paper hangings	5	1,377,626	115,000	229,980	417,954	614,692	2	64	108,026	623	349,929
122	Patent medicines and compounds	42	2,573,615	189,530	291,948	363,329	1,728,808	37	221	261,708	711	297,506
123	Paving and paving materials	14	661,635	179,900	66,850	171,566	243,319	16	25	38,614	330	165,027
124	Perfumery and cosmetics	5	21,428	900	500	2,523	17,505	6	------	------	11	4,098
125	Photographic materials	4	10,260	2,400	2,000	2,350	3,510	4	2	1,200	11	2,542
126	Photography	125	223,332	21,900	30,050	88,890	82,492	133	23	15,910	166	97,003
127	Pickles, preserves, and sauces	16	77,220	9,400	12,500	14,270	41,050	20	23	14,064	55	19,362
128	Pipes, tobacco	4	6,670	------	------	4,100	2,570	4	1	800	18	6,913
129	Plastering and stuccowork	16	28,577	3,000	500	4,997	20,080	22	1	900	36	22,090
130	Plated and britannia ware	3	79,842	------	------	47,000	32,842	7	15	9,020	132	64,324
131	Plumbers' supplies	11	394,704	13,700	41,800	110,678	228,526	12	45	45,485	182	87,359
132	Plumbing, and gas and steam fitting	501	1,730,910	233,000	266,841	203,854	1,027,215	577	65	42,984	2,049	1,422,351
133	Pocketbooks	14	9,680	500	1,000	3,215	4,965	15	2	2,020	72	25,422
134	Pottery, terra cotta, and fire-clay products.	11	625,151	189,600	171,665	135,285	128,601	12	26	27,384	484	173,508
135	Printing and publishing, book and job	139	1,002,709	48,300	291,692	476,008	186,709	169	39	42,113	851	465,511
136	Printing and publishing, newspapers and periodicals.	20	2,332,510	513,000	468,500	708,584	642,426	16	350	375,554	753	475,781
137	Refrigerators	3	279,900	61,000	52,000	32,700	134,200	5	5	5,750	127	55,150
138	Regalia and society banners and emblems.	7	8,580	------	------	3,260	5,320	7	------	------	29	8,796
139	Roofing and roofing materials	65	1,028,016	228,500	191,468	135,662	472,386	70	40	65,376	352	210,117
140	Rubber and elastic goods	4	198,546	20,000	27,000	49,200	102,346	4	10	7,456	120	40,163
141	Saddlery and harness	116	233,123	53,574	62,626	21,730	95,193	120	1	600	126	69,026
142	Sausage	7	9,800	1,200	1,300	3,000	4,300	9	------	------	11	6,526
143	Sewing machine repairing	31	43,143	10,000	13,300	6,595	13,248	34	1	468	16	8,728
144	Ship and boat building, wooden	45	1,981,315	516,500	189,675	564,365	710,775	60	37	44,786	998	667,031
145	Shirts	33	209,937	28,000	15,000	26,376	140,561	40	33	19,760	386	150,150
146	Show cases	5	75,700	16,000	7,000	9,700	43,000	7	4	4,000	114	71,350
147	Silk and silk goods	10	859,138	19,600	45,000	322,471	472,067	8	50	47,550	653	287,199
148	Slaughtering and meat packing, wholesale.	8	460,945	39,250	71,000	88,045	262,650	12	26	25,372	185	108,489
149	Soap and candles	17	802,200	84,912	147,426	225,844	344,018	15	55	51,998	169	84,750
150	Sporting goods	13	128,066	13,000	13,000	38,630	63,436	14	4	3,385	114	47,297
151	Stamped ware	14	1,571,568	114,000	329,500	367,292	760,776	23	54	54,486	968	389,451
152	Stationery goods, not elsewhere specified.	5	132,450	5,000	35,000	20,070	72,380	4	21	26,867	119	36,089
153	Steam fittings and heating apparatus	7	1,010,386	159,700	186,060	243,352	421,274	10	31	42,220	369	163,368
154	Steam packing	10	125,064	4,000	5,000	38,798	77,266	8	19	17,952	52	26,846
155	Sugar and molasses, refining	4	58,084,443	6,530,303	4,662,763	10,193,666	36,697,711	6	276	379,139	2,595	1,532,801
156	Surgical appliances	9	52,170	2,600	1,400	24,620	23,550	8	7	5,970	32	15,088
157	Taxidermy	4	4,859	1,000	2,200	159	1,500	5	------	------	1	500
158	Tin and terne plate	3	217,000	19,100	43,300	26,600	128,000	2	20	19,480	47	21,972
159	Tinfoil	4	26,870	1,500	2,500	16,800	6,070	4	------	------	45	14,848
160	Tinsmithing, coppersmithing, and sheet-iron working.	293	2,760,787	385,748	558,152	580,986	1,235,901	320	148	151,431	2,809	1,446,466
161	Tobacco, chewing, smoking, and snuff	4	159,557	19,000	47,300	76,584	16,673	2	38	37,732	299	108,140
162	Tobacco, cigars and cigarettes	556	1,237,216	173,120	246,380	68,236	749,480	589	32	22,766	1,123	545,447
163	Tools, not elsewhere specified	16	209,200	36,500	48,000	45,360	79,340	22	5	5,220	124	80,628
164	Toys and games	11	98,050	15,500	23,250	26,100	33,200	16	------	------	134	40,578
165	Trunks and valises	4	18,360	3,000	7,000	535	7,825	5	1	250	9	4,588
166	Umbrellas and canes	9	22,510	------	------	11,410	11,100	10	------	------	46	19,020
167	Upholstering materials	3	17,900	------	------	2,600	15,300	5	3	2,400	28	10,706
168	Varnish	14	1,969,420	164,400	205,450	198,102	1,401,468	3	100	259,034	177	110,071
169	Vinegar and cider	4	132,239	5,000	15,000	34,586	77,653	4	2	1,768	39	21,051
170	Watch cases	8	641,263	10,500	26,295	112,698	491,770	6	24	43,339	378	250,170
171	Watch, clock, and jewelry repairing	223	247,386	38,100	54,600	48,370	106,316	226	4	3,930	124	69,819

BY SPECIFIED INDUSTRIES: 1900—Continued.

BOROUGH OF BROOKLYN—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
2,009	$1,119,312			8	$1,500	$226,587	$40,934	$21,249	$134,093	$30,311	$2,523,035	$2,504,342	$18,693	$4,704,103	102
70	54,270					5,775	1,100	1,025	3,650		50,063	49,583	480	145,893	103
708	542,101					58,034	18,815	6,959	29,260	3,000	724,387	714,473	9,914	1,793,691	104
1,335	937,694	1	$400	4	510	727,105	14,080	9,473	54,068	649,484	2,012,698	2,007,254	5,444	4,547,969	105
71	38,406	6	2,348			8,941	6,504	147	2,290		104,651	103,795	856	214,139	106
64	39,116	536	98,190			23,807	10,844	500	12,213	250	190,519	187,237	3,282	467,311	107
18	6,386	464	140,959	3	248	76,269	61,571	2,123	11,550	1,025	514,275	510,452	3,823	1,100,895	108
329	177,490	2	450	10	1,800	60,374	15,551	4,694	40,129		308,693	301,933	6,760	830,433	109
78	59,119	3	1,040	1	200	10,768	4,362	336	3,070	3,000	45,450	42,938	2,512	164,143	110
373	265,066					32,200	13,525	3,021	12,164	3,490	357,778	354,384	3,394	825,820	111
2	1,400					550	270	25	255		4,685	4,545	140	8,420	112
38	18,466			8	2,000	4,072	1,020	698	1,054	1,300	21,899	21,121	778	68,578	113
325	205,997			7	819	37,145	7,672	2,085	27,388		301,663	295,713	5,950	610,183	114
37	27,135					18,497	3,480	681	14,336		520,219	516,861	3,358	648,449	115
21	14,656					8,194	3,116	400	4,268	410	26,459	25,740	719	79,051	116
2,415	1,577,166	23	5,967	13	1,815	199,674	109,191	4,771	57,965	27,747	1,101,126	1,092,452	8,674	3,906,810	117
616	352,794	134	32,846	6	1,380	307,982	31,463	17,951	258,568		3,191,665	3,153,549	38,116	4,836,036	118
200	113,560	250	68,605	30	4,675	95,685	29,560	3,833	62,292		429,912	419,437	10,475	939,961	119
30	22,334					3,045	1,824	30	391	800	14,458	14,342	116	56,944	120
514	312,324	104	36,825	5	780	45,581	12,000	8,580	25,001		802,994	790,295	12,699	1,321,809	121
403	212,741	308	84,765			547,173	25,305	14,585	507,283		1,016,115	988,306	27,809	2,506,159	122
330	165,027					39,543	5,613	3,390	29,040	1,500	252,892	243,208	9,684	566,904	123
4	2,226	7	1,872			2,858	709	305	1,844		30,075	30,035	40	44,613	124
2	600	8	1,760	1	182	1,047	624	50	373		7,160	7,025	135	19,000	125
130	83,995	34	12,774	2	234	63,415	51,368	692	10,370	985	127,376	124,835	2,541	467,672	126
35	13,762	12	4,100	8	1,500	9,540	3,555	342	5,643		119,587	118,525	1,062	219,978	127
16	6,549			2	364	809	640		169		17,138	17,018	120	33,608	128
36	22,090					5,199	2,794	125	680	1,600	14,365	14,062	303	60,719	129
114	60,002	18	4,322			9,030	6,600	330	2,100		47,645	43,795	3,850	179,400	130
182	87,359					43,052	13,612	2,666	14,286	12,488	484,880	480,383	4,497	751,451	131
2,019	1,415,763			30	6,588	169,520	102,077	7,605	54,666	5,172	2,343,860	2,315,800	28,060	5,105,892	132
33	17,020	32	7,402	7	1,000	2,323	1,394	30	849	50	28,762	28,419	343	86,211	133
365	140,916	119	32,592			52,975	4,210	5,589	43,176		100,724	66,188	34,536	427,575	134
639	397,894	187	62,919	25	4,698	101,138	30,608	3,771	65,094	1,665	357,963	345,865	12,098	1,194,648	135
670	425,027	60	46,893	23	3,861	294,176	30,504	13,288	237,608	12,776	342,972	320,966	22,006	2,034,746	136
122	54,000			5	1,150	17,541	780	1,356	15,405		148,770	147,810	960	278,200	137
3	1,800	26	6,996			4,488	1,261		627	2,600	13,075	12,975	100	37,700	138
347	209,399	1	468	4	250	75,914	10,134	4,149	60,431	1,200	594,200	578,964	15,236	1,056,107	139
40	21,400	80	18,763			18,569	3,016	1,150	14,403		108,657	104,032	4,625	217,954	140
123	68,448			3	578	23,220	17,331	2,004	3,825	60	122,591	120,614	1,977	335,726	141
11	6,526					1,374	1,014	57	303		23,243	22,642	601	38,604	142
15	8,488	1	240			6,795	5,532	232	731	300	17,240	16,764	476	53,649	143
998	667,031					75,011	38,248	8,293	21,645	6,825	670,866	664,031	6,835	1,760,189	144
132	67,478	252	82,262	2	410	30,174	8,982	735	10,493	9,964	272,666	270,375	2,291	554,413	145
111	70,750	3	600			7,510	1,740	545	4,225	1,000	125,065	123,115	1,950	264,520	146
300	177,988	326	103,941	27	5,270	95,238	18,105	3,481	47,444	26,208	486,560	474,708	11,852	1,042,199	147
185	108,489					39,023	9,708	2,370	26,945		2,834,740	2,825,806	8,934	3,100,730	148
151	80,852	18	3,898			117,193	6,870	3,636	106,687		775,439	763,987	11,452	1,216,241	149
72	35,361	42	11,936			6,880	2,426	620	3,334	500	36,627	34,701	1,926	117,008	150
632	293,757	289	86,394	47	9,300	67,926	20,378	2,816	39,132	5,600	744,646	734,993	9,653	1,511,714	151
30	14,031	88	21,945	1	113	8,448	1,694	101	5,453	1,200	71,731	70,556	1,175	163,482	152
306	147,678	63	15,690			22,272	730	6,107	13,635	1,800	448,022	439,348	8,674	943,459	153
50	26,336	2	510			13,198	4,352	803	7,963	80	67,187	63,779	3,408	144,267	154
2,546	1,519,577	49	13,224			1,434,904	8,060	109,451	1,317,393		72,821,726	72,220,703	601,023	77,942,997	155
15	10,048	15	4,682	2	358	5,796	2,556	132	3,108		13,685	13,149	536	68,880	156
1	500					440	192	136	112		976	960	16	4,700	157
47	21,972					12,407		882	11,525		245,775	243,733	2,042	330,541	158
17	7,540	27	7,168	1	140	1,051	426	65	560		6,872	6,274	598	34,680	159
2,307	1,326,176	467	115,092	35	5,198	217,916	59,792	15,649	137,895	4,580	1,826,751	1,768,792	57,959	4,515,983	160
111	68,230	188	39,910			605,556	197	2,187	603,172		533,292	526,209	7,083	1,522,702	161
914	492,194	199	51,517	10	1,736	312,971	90,262	7,200	215,509		824,217	814,004	10,213	2,183,286	162
114	74,628	10	6,000			9,120	2,237	1,392	5,161	330	42,103	39,765	2,338	202,266	163
70	26,654	59	12,832	5	1,092	5,858	1,403	640	3,365	450	52,261	51,160	1,101	131,225	164
9	4,588					1,827	1,140	260	427		8,801	8,731	70	22,400	165
42	17,220	4	1,800			6,994	2,884		610	3,500	48,129	47,388	741	100,500	166
15	6,892	13	3,814			1,932	1,260		672		47,160	46,422	738	70,729	167
174	109,291	3	780			123,787	4,480	11,005	108,302		855,616	846,318	9,298	1,555,190	168
39	21,051					7,544	2,700	396	4,448		28,516	25,858	2,658	66,977	169
358	240,417	20	9,753			32,633	5,530	908	26,195		959,666	956,321	3,345	1,452,840	170
121	69,187	1	400	2	232	48,388	35,506	1,289	8,277	3,316	67,630	63,910	3,720	373,463	171

TABLE 8.—MANUFACTURES IN CITIES

BOROUGH OF BROOKLYN—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
172	Window shades	13	$431,817	$77,901	$33,499	$14,440	$305,977	13	38	$43,716	123	$63,802
173	Wirework, including wire rope and cable.	16	338,532	46,608	68,496	78,517	144,911	18	29	33,614	208	101,721
174	Wood, turned and carved	24	193,265	25,400	37,700	45,690	84,475	30	5	3,020	145	81,170
175	All other industries [1]	104	59,887,307	8,696,504	13,753,612	21,458,740	15,978,451	97	582	1,034,990	10,559	4,894,025

[1] Embraces bags, other than paper, 1; bags, paper, 1; baking and yeast powders, 1; billiard tables and materials, 1; brass, 1; brass and copper, rolled, 1; brick and tile, 1; bridges, 2; calcium lights, 1; card cutting and designing, 1; carpets, wood, 1; carriage and wagon materials, 2; cars and general shop construction and repairs by street railroad companies, 1; cheese and butter, urban dairy products, 1; clocks, 2; cloth, sponging and refinishing, 2; clothing, horse, 2; cutlery and edge tools, 2; dye stuffs and extracts, 1; engravers' materials, 2; felt goods, 1; firearms, 1; fire extinguishers, chemical, 1; flags and banners, 2; galvanizing, 2; gas and oil stoves, 1; gas, illuminating and heating, 2; gas machines and meters, 2; gloves and mittens, 2; gold and silver, reducing and refining, not from the ore, 1; ink, writing, 1; iron and steel, 2; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel, forgings, 1; japanning, 2; jute and jute goods, 2; kaolin and other earth grinding, 2; kindling wood, 2; lard, refined, 1; lasts, 1; lead, bar, pipe, and sheet, 1; lumber and timber products, 1; malt, 1; mats and matting, 2;

BOROUGHS OF MANHATTAN AND BRONX.

1	All industries	27,168	$608,661,810	$61,263,277	$54,918,159	$136,700,098	$355,780,276	32,242	39,428	$44,575,510	344,054	$184,602,095
2	Artificial feathers and flowers	142	2,922,939	16,000	5,000	243,336	2,658,603	215	229	226,841	3,943	1,232,987
3	Artificial limbs	5	69,300	8,000	12,000	23,500	25,800	8	14	10,200	60	40,652
4	Artists' materials	4	10,906			1,240	9,666	4	1	636	5	3,265
5	Awnings, tents, and sails	103	449,509	7,000	10,000	79,921	352,588	130	29	26,614	603	357,376
6	Axle grease	4	5,916			410	5,506	6			8	3,750
7	Babbitt metal and solder	7	1,028,291	35,000	41,000	112,855	839,436	13	21	27,992	188	107,875
8	Bags, other than paper	15	516,000	40,000	20,000	93,500	362,500	14	40	95,258	450	142,922
9	Bags, paper	13	1,077,357	17,500	17,500	308,926	733,431	8	192	183,093	730	268,366
10	Baking and yeast powders	8	209,564			23,081	186,483	5	21	17,751	67	45,305
11	Baskets, and rattan and willow ware	18	31,625			3,425	28,200	20	1	1,200	108	57,894
12	Belting and hose, leather	8	1,761,947			80,347	1,681,600	6	66	79,217	369	229,221
13	Bicycle and tricycle repairing	235	263,310	500	775	80,775	181,290	269	11	9,680	233	123,042
14	Bicycles and tricycles	15	72,075			19,275	52,800	16	7	2,972	42	22,782
15	Billiard tables and materials	12	361,459		24,000	35,459	302,000	15	43	51,909	168	111,306
16	Blacking	14	283,784			49,457	234,327	20	80	115,387	176	79,079
17	Blacksmithing and wheelwrighting	469	1,335,972	319,100	240,567	250,187	526,118	522	32	29,590	1,318	968,678
18	Bluing	7	75,890	4,000	2,000	8,500	61,390	8	15	13,620	60	25,391
19	Bookbinding and blank book making	219	3,958,699	45,000	129,000	1,615,490	2,169,209	281	304	346,600	5,871	2,655,095
20	Boot and shoe cut stock	11	241,715	10,000	2,000	14,915	214,800	14	15	13,406	79	39,390
21	Boot and shoe findings	10	122,475			47,625	74,850	13	16	13,484	89	35,922
22	Boot and shoe uppers	36	64,590	2,000	4,000	9,520	49,070	42	1	600	73	35,863
23	Boots and shoes, custom work and repairing.	1,888	836,472	29,700	21,700	215,187	569,885	1,907	35	25,650	1,394	662,010
24	Boots and shoes, factory product	55	1,446,241	22,000	14,000	257,706	1,152,535	74	136	121,977	1,936	917,351
25	Bottling	137	1,882,370	192,900	229,500	297,309	1,162,661	161	101	117,241	801	442,314
26	Boxes, cigar	27	544,585	125,000	54,000	156,708	208,877	31	45	39,460	337	331,543
27	Boxes, fancy and paper	139	1,950,093	52,000	65,000	586,500	1,246,593	178	290	242,960	4,826	1,663,995
28	Boxes, wooden packing	55	1,475,390	40,000	120,219	292,410	1,022,761	55	92	99,190	1,026	520,568
29	Brass castings and brass finishing	33	351,449	28,000	11,210	123,025	189,214	40	23	33,930	254	156,827
30	Brassware	54	1,314,347	130,000	200,000	340,350	643,997	65	67	81,574	1,041	505,059
31	Bread and other bakery products	1,011	10,026,820	1,033,600	930,944	4,872,880	3,189,396	1,062	1,085	889,682	7,678	3,803,798
32	Bridges	5	284,000			70,000	214,000	5	9	9,640	384	224,502
33	Bronze castings	5	338,961	62,000	17,500	85,127	174,334	5	32	37,411	296	177,133
34	Brooms and brushes	52	802,193	7,000	8,000	67,840	719,353	63	66	57,748	772	307,875
35	Buttons	30	499,362			216,044	283,318	39	48	44,848	1,119	417,053
36	Calcium lights	3	35,900			10,500	25,400	4	1	1,200	28	10,520
37	Card cutting and designing	3	41,400			15,000	26,400	2	8	6,757	48	18,796
38	Carpentering	835	4,493,308	550,050	588,150	566,147	2,788,961	988	190	194,050	5,210	4,358,090
39	Carpets and rugs, other than rag	3	1,875,842	4,500	5,000	522,000	1,344,342		61	100,308	1,508	556,120
40	Carpets, rag	10	14,771	1,490	745	1,276	11,260	11	2	1,000	17	7,910
41	Carpets, wood	9	183,164			16,785	166,379	8	22	20,500	291	208,362
42	Carriages and sleds, children's	5	23,675			2,175	21,500	6	2	990	29	17,064
43	Carriages and wagons	128	2,634,198	458,950	456,900	312,741	1,405,607	159	101	112,241	1,715	1,132,921
44	Cars and general shop construction and repairs by steam railroad companies.	5	418,158	148,000	108,425	126,433	35,300		28	17,210	424	259,879
45	Cars and general shop construction and repairs by street railroad companies.	4	4,839,198	619,502	2,108,309	1,363,223	748,164		28	33,626	1,138	914,159
46	Cheese and butter, urban dairy products.	5	18,925			10,850	8,075	5	1	260	6	2,530
47	Chemicals	16	1,019,372	78,000	153,351	403,686	384,335	2	59	78,067	198	116,234
48	China decorating	20	56,240			11,540	44,700	24	5	2,927	74	33,438
49	Chocolate and cocoa products	6	1,085,775	14,000	50,000	219,258	802,517	9	105	98,246	523	149,840
50	Cleansing and polishing preparations	19	358,260	30,000	35,000	55,410	237,850	19	44	46,636	156	67,443
51	Clocks	4	16,325			4,325	12,000	2	4	1,800	13	6,834
52	Cloth, sponging and refinishing	20	119,213			56,410	62,803	27	26	20,870	332	175,221
53	Clothing, horse	5	41,513			4,900	36,613	5	3	6,260	50	22,056
54	Clothing, men's, custom work and repairing.	2,265	6,966,058	253,250	537,550	446,186	5,729,072	2,473	630	633,230	6,474	3,921,824
55	Clothing, men's, factory product	1,398	34,778,035	472,500	328,000	997,731	32,979,804	2,017	2,653	2,816,089	23,361	12,739,684
56	Clothing, men's, factory product, buttonholes.	40	30,265			18,725	11,540	49			207	86,729

BY SPECIFIED INDUSTRIES: 1900—Continued.

BOROUGH OF BROOKLYN—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
101	$58,291	21	$5,446	1	$65	$53,146	$2,868	$2,166	$48,112	----------	$719,110	$716,605	$2,505	$937,356	172
196	98,769	10	2,672	2	280	29,132	5,514	1,275	21,593	$750	162,997	159,149	3,848	405,397	173
139	79,882	1	288	5	1,000	12,800	4,305	869	7,626	----------	97,930	92,824	5,106	258,446	174
7,576	4,199,047	2,704	653,845	279	41,133	4,407,101	112,097	425,231	3,807,429	62,344	29,921,464	29,408,314	513,150	45,153,739	175

musical instruments, organs and materials, 2; oil, essential, 1; oil, lard, 1; oil, linseed, 1; ordnance and ordnance stores, 1; paper and wood pulp, 2; paper patterns, 1; pencils, lead, 1; pens, gold, 1; petroleum, refining, 1; photographic materials, 1; photolithographing and photoengraving, 1; pulp goods, 1; rice, cleaning and polishing, 2; sand and emery paper and cloth, 2; saws, 2; scales and balances, 1; screws, machine, 1; sewing machines and attachments, 1; shipbuilding, iron and steel, 2; silversmithing, 2; slaughtering, wholesale, not including meat packing, 2; smelting and refining, not from the ore, 2; soda water apparatus, 1; starch, 1; stencils and brands, 1; tar and turpentine, 1; typewriters and supplies, 2; vault lights and ventilators, 2; watch and clock materials, 1; woolen goods, 1.

BOROUGHS OF MANHATTAN AND BRONX.

233,675	$148,747,580	106,777	$35,221,621	3,602	$632,894	$131,879,774	$20,687,811	$2,804,101	$58,292,028	$50,095,834	$463,795,294	$458,394,400	$5,400,894	$975,168,202	1
482	256,280	3,334	955,061	127	21,646	327,276	196,761	3,540	89,725	37,250	2,180,042	2,169,003	11,039	4,955,151	2
53	37,572	7	3,080	------	------	30,355	8,425	630	21,300	------	13,650	12,170	1,480	160,120	3
5	3,265	------	------	------	------	2,890	1,255	24	1,611	------	8,761	8,646	115	28,277	4
458	297,900	144	59,126	1	350	112,148	42,583	694	18,296	50,575	916,542	911,882	4,660	1,809,136	5
8	3,750	------	------	------	------	2,122	1,134	------	988	------	9,353	9,256	97	22,300	6
188	107,875	------	------	------	------	42,228	12,155	3,475	26,598	------	2,309,739	2,296,183	13,556	2,604,696	7
163	63,936	287	78,986	------	------	67,886	18,048	2,153	42,585	5,100	1,343,282	1,339,324	3,958	1,780,845	8
478	203,077	246	64,389	6	900	122,413	32,319	2,333	87,761	------	1,363,275	1,353,990	9,285	2,397,697	9
39	35,966	26	8,739	2	600	12,598	5,528	------	7,070	------	214,401	213,523	878	368,406	10
107	57,738	------	------	1	156	8,061	6,368	------	1,693	------	42,592	42,106	486	145,274	11
365	228,221	------	------	4	1,000	69,650	21,826	5,255	42,469	100	1,732,560	1,721,486	11,074	2,322,600	12
233	123,042	------	------	------	------	84,458	69,431	229	12,354	2,444	249,335	243,366	5,969	706,263	13
42	22,782	------	------	------	------	11,738	7,729	95	3,914	------	52,760	51,631	1,129	123,934	14
164	110,124	3	1,000	1	182	121,629	17,982	1,118	98,729	3,800	312,242	309,369	2,873	692,352	15
75	47,456	101	31,623	------	------	112,247	18,982	1,910	91,355	------	277,403	273,727	3,676	649,441	16
1,308	966,248	------	------	10	2,430	239,508	188,685	9,908	35,290	5,625	759,463	727,899	31,564	2,803,755	17
26	16,756	34	8,635	------	------	16,096	4,907	178	11,011	------	96,680	96,020	660	211,811	18
2,821	1,683,408	2,957	956,854	93	14,833	552,454	287,011	7,059	226,073	32,311	2,349,739	2,287,839	61,900	7,030,418	19
79	39,390	------	------	------	------	15,516	11,974	150	3,392	------	598,318	596,875	1,443	804,953	20
50	26,672	39	9,250	------	------	10,533	8,126	------	2,407	------	231,318	229,646	1,672	334,484	21
54	32,669	9	3,194	------	------	10,371	8,558	125	1,688	------	146,618	145,962	656	247,802	22
1,359	652,028	27	8,520	8	1,462	403,492	338,855	798	26,436	37,403	909,880	887,618	22,262	3,193,839	23
1,368	712,200	537	200,456	31	4,695	220,497	64,250	3,130	97,200	55,917	1,868,814	1,853,499	15,315	3,391,063	24
778	436,817	15	3,880	8	1,617	394,150	80,382	33,311	275,107	5,350	2,442,645	2,426,043	16,602	3,954,251	25
515	227,439	300	99,698	22	4,406	54,484	30,915	1,637	21,932	------	527,328	512,596	14,732	1,065,826	26
1,539	793,262	3,159	849,401	128	21,332	385,690	189,041	3,793	192,206	650	2,035,754	2,004,028	31,726	5,240,104	27
948	506,491	60	11,869	18	2,208	207,546	79,019	11,206	77,138	40,183	1,608,313	1,589,841	18,472	2,806,580	28
249	155,531	3	880	2	416	41,590	19,272	2,105	20,213	------	306,762	295,491	11,271	652,334	29
872	460,101	152	42,020	17	2,938	124,759	37,032	2,982	66,908	17,837	875,928	850,445	25,483	1,853,855	30
5,997	3,386,488	1,488	388,525	193	28,785	1,743,669	750,223	64,110	922,736	6,600	12,065,526	11,764,160	301,366	21,946,089	31
384	224,502	------	------	------	------	9,991	1,616	------	8,375	------	453,815	448,000	5,815	809,705	32
292	176,558	------	------	4	575	22,875	5,920	1,350	15,605	------	65,871	60,635	5,236	385,825	33
442	225,128	253	68,582	77	14,165	77,789	34,894	300	33,095	9,500	827,500	820,753	6,747	1,498,323	34
558	265,970	560	150,939	1	144	48,115	19,441	------	23,674	5,000	522,491	516,549	5,942	1,235,145	35
28	10,520	------	------	------	------	3,895	2,030	------	1,865	------	16,943	15,773	1,170	41,400	36
22	12,468	22	5,600	4	728	9,709	6,250	209	750	2,500	77,576	76,410	1,166	128,160	37
5,201	4,356,094	1	260	8	1,736	2,284,116	249,331	15,757	138,903	1,880,125	6,730,763	6,701,545	29,218	16,399,283	38
531	250,314	798	273,658	179	32,148	231,850	53,200	22,650	156,000	------	1,216,120	1,190,833	25,287	2,258,862	39
15	7,060	2	850	------	------	2,768	1,872	25	871	------	6,508	6,326	182	25,720	40
291	208,362	------	------	------	------	25,344	12,500	------	12,844	------	136,237	133,643	2,594	445,987	41
26	15,964	3	1,100	------	------	4,500	3,440	------	1,060	------	35,105	34,925	180	71,450	42
1,711	1,131,221	1	700	3	1,000	278,007	163,789	30,643	79,395	4,180	955,748	928,881	26,867	3,060,806	43
399	251,614	25	8,265	------	------	5,460	------	3,606	1,854	------	279,760	274,575	5,185	562,308	44
1,138	914,159	------	------	------	------	91,124	------	44,143	46,981	------	700,563	680,419	20,144	1,739,472	45
6	2,530	------	------	------	------	1,410	1,150	------	260	------	43,194	42,533	661	46,676	46
151	97,202	47	19,032	------	------	110,351	12,128	4,177	94,046	------	327,441	297,832	29,609	728,772	47
41	22,976	29	9,877	4	585	14,724	8,472	5	6,247	------	58,900	56,976	1,924	149,499	48
220	91,190	279	56,700	24	1,950	95,000	40,765	1,335	52,900	------	1,442,497	1,431,555	10,942	2,007,818	49
104	50,018	52	17,425	------	------	43,721	12,852	1,028	26,141	3,700	450,757	444,854	5,903	804,991	50
13	6,834	------	------	------	------	7,917	1,770	330	5,217	600	7,381	7,195	186	32,120	51
331	174,721	1	500	------	------	68,860	34,400	200	34,260	------	9,859	5,709	4,150	368,192	52
16	7,556	34	14,500	------	------	7,125	5,880	------	1,245	------	74,181	73,619	562	130,858	53
5,948	3,742,985	494	173,093	32	5,746	2,703,950	1,154,436	16,665	382,105	1,150,744	6,608,135	6,534,113	74,022	18,119,327	54
16,579	10,552,988	6,697	2,175,536	85	11,160	16,730,809	1,319,917	19,176	1,933,657	13,458,059	51,067,136	50,956,683	110,453	97,168,397	55
122	60,248	85	26,481	------	------	9,630	6,159	------	2,871	600	15,240	14,386	854	153,025	56

TABLE 8.—MANUFACTURES IN CITIES

BOROUGHS OF MANHATTAN AND BRONX—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
57	Clothing, women's, dressmaking	1,113	$4,117,478	$448,900	$383,289	$340,822	$2,944,467	1,267	278	$230,813	6,653	$3,100,093
58	Clothing, women's, factory product	1,479	26,386,029	386,500	273,165	2,084,841	23,641,523	2,219	3,868	3,855,991	42,065	19,933,239
59	Coffee and spice, roasting and grinding	41	2,374,275	94,500	80,576	368,341	1,830,858	65	332	345,491	581	251,426
60	Coffins, burial cases, and undertakers' goods.	11	555,830	5,000	10,000	72,510	468,320	13	41	54,420	412	237,998
61	Combs	5	158,650			16,100	142,550	7	22	13,270	186	85,585
62	Confectionery	321	4,339,139	653,468	722,401	1,044,197	1,919,073	351	563	609,151	3,931	1,591,251
63	Cooperage	52	506,855	151,000	70,700	40,425	244,730	65	19	21,870	409	247,900
64	Cordage and twine	4	2,586,702	150,000	270,000	540,050	1,626,652	2	53	108,820	1,884	600,356
65	Cordials and sirups	7	79,800			12,800	67,000	9	11	11,950	25	12,000
66	Cork, cutting	15	155,761			17,025	138,736	18	9	7,760	71	29,891
67	Corsets	49	603,622			121,862	481,760	55	81	99,673	1,104	334,934
68	Cotton goods	3	534,233			247,119	287,114	1	15	36,374	289	93,147
69	Cotton small wares	9	154,830			60,495	94,335	12	15	11,949	155	55,465
70	Cutlery and edge tools	13	103,829			36,694	67,135	17	13	12,104	121	73,122
71	Dentists' materials	4	190,500			25,000	165,500	5	51	47,710	96	45,570
72	Druggists' preparations, not including prescriptions.	28	1,641,066	50,000	105,000	127,073	1,358,993	33	133	191,334	425	174,783
73	Drug grinding	6	538,042			18,821	519,221	10	22	28,314	46	29,089
74	Dyeing and cleaning	147	646,799	56,000	80,960	92,384	417,455	180	94	45,109	540	254,331
75	Dyeing and finishing textiles	21	1,269,710	172,159	234,375	613,516	249,660	27	46	60,102	814	359,242
76	Dye stuffs and extracts	9	183,055	28,000	40,000	37,535	77,520	3	9	10,230	52	29,075
77	Electrical apparatus and supplies	90	8,342,500	601,972	1,619,785	1,528,621	4,592,122	79	542	640,401	4,344	2,197,244
78	Electrical construction and repairs	148	826,939	31,500	42,500	132,128	620,811	173	132	113,565	887	602,048
79	Electroplating	69	172,941			94,339	78,602	89	17	13,947	362	202,217
80	Enameling and enameled goods	15	15,335			5,735	9,600	19	1	780	29	15,590
81	Engravers' materials	4	11,700			5,000	6,700	5	3	7,000	30	14,944
82	Engraving and diesinking	93	179,683			89,581	90,102	108	9	15,800	253	160,367
83	Engraving, steel, including plate printing.	81	3,562,370	800,000	164,000	1,197,330	1,401,040	97	112	180,987	1,588	1,105,053
84	Engraving, wood	31	27,301			10,515	16,786	34	1	520	57	46,400
85	Envelopes	9	565,804			335,000	230,804	5	89	91,986	534	229,798
86	Fancy articles, not elsewhere specified	126	1,612,272	120,500	120,300	332,875	1,038,597	173	208	155,104	1,522	603,086
87	Fire extinguishers, chemical	4	84,375			7,375	77,000		18	12,500	15	12,760
88	Fish, canning and preserving	4	42,900	10,000	10,000	3,700	19,200	7	4	2,620	15	9,782
89	Flags and banners	8	384,385			41,485	342,900	11	24	28,912	178	54,847
90	Flavoring extracts	42	352,921			35,579	317,342	57	105	105,347	146	77,955
91	Flouring and grist mill products	3	5,824,960	3,040,000	1,520,000	428,000	836,960	3	51	92,438	355	185,557
92	Food preparations	55	1,192,985	37,800	190,000	221,862	743,323	55	158	182,757	782	320,956
93	Foundry and machine shop products	384	20,253,967	1,564,756	2,399,670	4,924,766	11,364,775	424	1,056	1,251,038	10,649	6,487,458
94	Fur goods	482	6,284,996	45,000	23,340	248,295	5,968,361	728	580	573,987	3,920	2,231,903
95	Fur hats	3	60,250			8,500	51,750		23	16,316	159	68,011
96	Furnishing goods, men's	211	7,183,354	385,400	355,000	369,032	6,073,922	315	840	893,646	7,148	2,607,732
97	Furniture, cabinetmaking, repairing, and upholstering.	543	2,052,567	105,000	42,750	235,770	1,669,047	643	179	169,204	2,216	1,529,413
98	Furniture, factory product	150	6,281,400	817,000	611,829	556,491	4,296,080	198	428	498,524	5,494	3,262,294
99	Furs, dressed	14	158,300	17,000	17,000	57,300	67,000	13	15	14,850	176	127,035
100	Gas and lamp fixtures	47	2,321,930	50,000	18,000	605,810	1,648,120	55	213	274,446	1,694	935,441
101	Gas and oil stoves	6	403,655			33,934	369,721	6	29	26,297	158	79,437
102	Gas, illuminating and heating	6	103,864,257	17,005,575	11,381,200	47,859,316	27,618,166		907	966,389	3,612	2,709,068
103	Gas machines and meters	7	411,329	65,706	68,897	77,167	199,559	5	27	35,055	214	125,447
104	Glass, cutting, staining, and ornamenting.	77	896,802	2,000	5,000	89,870	799,932	104	95	95,944	998	602,162
105	Gloves and mittens	32	223,610			25,560	198,050	35	26	24,060	440	172,251
106	Glue	5	180,680			30,580	150,100	6	13	18,446	28	18,722
107	Gold and silver, leaf and foil	17	317,885	46,000	26,600	52,600	192,685	22	19	21,600	287	139,445
108	Gold and silver, reducing and refining, not from the ore.	13	546,450	100,000	125,000	71,350	250,100	16	6	8,670	49	35,524
109	Grease and tallow	7	655,808	65,000	147,002	103,499	340,307	12	31	31,394	220	133,512
110	Hairwork	53	435,330			20,955	414,375	62	20	18,090	334	133,096
111	Hand knit goods	9	80,275			7,425	72,850	13	19	11,650	144	29,163
112	Hand stamps	29	184,051			54,579	129,472	31	12	16,326	132	68,719
113	Hardware	18	540,962			245,669	295,293	17	54	66,119	394	189,279
114	Hardware, saddlery	7	40,050			22,300	17,750	9	4	2,444	47	28,490
115	Hat and cap materials	21	117,275			35,225	82,050	28	12	11,116	117	53,674
116	Hats and caps, not including fur hats and wool hats.	237	2,408,905	75,500	45,500	268,333	2,019,572	349	174	177,367	3,998	1,857,912
117	Hosiery and knit goods	23	1,004,130	15,000	60,000	201,410	727,720	25	81	91,078	942	332,376
118	House furnishing goods, not elsewhere specified.	40	601,287	15,000	7,000	99,543	479,744	50	107	90,470	826	272,145
119	Ice, manufactured	8	1,062,767	133,256	282,935	588,945	57,631	2	12	13,020	121	76,317
120	Ink, printing	14	754,150	55,000	189,000	97,521	412,629	20	60	75,660	119	72,824
121	Ink, writing	5	327,310	45,000	25,000	20,600	236,710	6	9	20,519	83	39,369
122	Instruments, professional and scientific	55	431,758			113,376	318,382	67	40	33,008	308	179,523
123	Iron and steel	3	371,500	50,000	101,500	30,600	189,400	6	21	21,320	528	254,432
124	Iron and steel, doors and shutters	5	20,700			11,000	9,700	7			30	31,534
125	Iron and steel, forgings	3	6,550			5,000	1,550	3			6	4,090
126	Iron and steel, nails and spikes, cut and wrought, including wire nails.	4	109,310	30,000	28,000	10,500	40,810	3	1	936	44	30,970

BY SPECIFIED INDUSTRIES: 1900—Continued.

BOROUGHS OF MANHATTAN AND BRONX—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
2,001	$1,341,995	4,593	$1,748,672	59	$9,426	$1,075,545	$870,799	$10,452	$164,951	$29,343	$4,155,265	$4,112,694	$42,571	$10,546,896	57
18,361	11,633,558	23,461	8,255,658	243	44,023	8,058,899	1,820,774	19,934	2,238,684	3,979,507	53,372,965	53,176,338	196,627	99,464,693	58
335	202,184	177	46,642	19	2,600	225,833	100,707	3,413	120,433	1,280	4,594,042	4,553,012	41,030	6,444,173	59
264	193,424	147	44,474	1	100	66,488	41,826	400	24,262	------	282,713	276,529	6,184	787,076	60
171	81,985	15	3,600	------	------	39,763	3,635	------	11,128	25,000	178,645	176,660	1,985	356,650	61
1,983	1,128,530	1,869	450,000	79	12,721	838,557	305,525	41,058	489,974	2,000	5,865,003	5,766,438	98,565	10,242,493	62
395	245,300	14	2,600	------	------	47,669	27,573	3,686	13,410	3,000	624,437	621,368	3,069	1,169,376	63
727	296,966	1,030	281,400	127	21,990	271,161	44,657	14,952	211,552	------	2,363,835	2,320,828	43,007	3,597,427	64
18	9,504	7	2,496	------	------	12,628	5,560	725	6,093	250	81,848	81,188	660	149,362	65
54	23,007	17	6,884	------	------	12,245	5,730	------	6,515	------	142,748	141,886	862	245,423	66
107	44,385	949	283,414	48	7,135	188,334	56,367	416	131,551	------	636,696	630,011	6,685	1,470,373	67
91	48,607	198	44,540	------	------	54,031	17,573	1,566	34,892	------	407,837	400,696	7,141	623,159	68
56	26,955	96	28,010	3	500	17,118	10,520	------	6,598	------	101,863	99,782	2,081	244,063	69
121	73,122	------	------	------	------	36,234	8,858	------	17,376	10,000	84,078	81,395	2,683	254,598	70
51	32,752	45	12,818	------	------	20,310	3,340	------	16,770	200	353,174	351,610	1,564	557,000	71
191	103,624	233	70,989	1	170	451,604	39,056	8,172	404,376	------	944,624	932,296	12,328	2,304,839	72
46	29,089	------	------	------	------	39,837	14,898	99	12,790	12,050	957,011	954,337	2,674	1,149,829	73
320	173,187	212	79,419	8	1,725	154,587	67,327	2,906	73,343	11,011	320,821	303,274	17,547	1,063,892	74
642	312,302	172	46,940	------	------	117,357	25,354	7,079	84,924	------	347,123	302,698	44,425	1,131,586	75
52	29,075	------	------	------	------	14,930	1,480	1,535	11,915	------	339,707	334,064	5,643	507,500	76
3,917	2,060,791	401	131,858	26	4,595	596,074	90,053	34,065	435,577	36,379	5,504,413	5,425,028	79,385	10,080,749	77
881	600,472	1	500	5	1,076	114,557	52,395	1,834	55,686	4,642	1,104,333	1,097,812	6,521	2,432,055	78
341	195,849	10	4,481	11	1,887	47,648	35,568	343	9,802	1,935	117,808	106,705	11,103	534,446	79
27	15,180	1	260	1	150	6,003	3,806	------	397	1,800	8,592	7,449	1,143	49,750	80
30	14,944	------	------	------	------	4,411	3,286	------	1,125	------	52,665	51,225	1,440	88,000	81
234	154,803	11	4,080	8	1,484	32,735	24,494	50	4,981	3,210	37,001	31,239	5,762	406,512	82
987	854,926	580	246,404	21	3,723	241,579	156,404	20,409	50,141	14,625	705,985	695,341	10,644	2,624,471	83
53	45,768	2	320	2	312	18,735	7,019	------	2,341	9,375	12,118	11,886	232	137,515	84
145	86,458	389	143,340	------	------	76,324	37,618	504	38,202	------	596,904	589,630	7,274	1,090,270	85
737	378,992	743	217,115	42	6,979	226,795	76,288	3,250	133,563	13,694	1,195,039	1,181,220	13,819	2,819,895	86
15	12,760	------	------	------	------	9,556	1,166	390	7,000	1,000	17,466	17,050	416	70,535	87
15	9,782	------	------	------	------	8,430	800	715	6,915	------	63,580	62,755	825	97,400	88
74	31,127	74	19,156	30	4,564	53,815	19,170	225	34,420	------	276,358	274,308	2,050	490,970	89
91	55,693	55	22,262	------	------	68,351	23,247	2,621	42,483	------	475,705	473,263	2,442	971,097	90
290	172,716	65	12,841	------	------	171,290	240	12,870	158,180	------	4,767,242	4,717,999	49,243	5,280,117	91
572	269,268	205	50,764	5	924	298,838	55,793	9,340	233,705	------	2,049,611	2,015,033	34,578	3,466,715	92
10,515	6,447,901	96	31,351	38	8,206	2,515,433	405,568	149,720	1,096,222	863,923	8,190,898	7,955,981	234,917	21,565,030	93
2,487	1,633,132	1,421	596,675	12	2,096	1,119,854	377,987	5,122	448,723	288,022	8,018,317	7,997,299	21,018	14,443,684	94
94	46,547	65	21,464	------	------	51,520	6,000	------	34,770	10,750	181,349	181,134	215	342,300	95
1,432	803,770	5,703	1,800,458	13	3,504	981,606	301,523	11,251	434,435	234,397	10,670,498	10,644,739	25,759	17,546,523	96
1,832	1,391,601	372	135,517	12	2,295	629,936	244,805	4,109	145,068	235,954	1,959,635	1,940,047	19,588	5,493,969	97
5,341	3,200,750	150	61,030	3	514	1,035,905	328,950	28,940	518,933	159,082	4,531,050	4,474,353	56,697	10,910,797	98
169	122,731	7	4,304	------	------	13,314	7,745	476	5,093	------	88,594	84,167	4,427	323,572	99
1,660	927,123	22	6,180	12	2,138	287,442	70,384	21,534	194,524	1,000	1,146,602	1,112,854	33,748	3,065,115	100
158	79,437	------	------	------	------	43,484	14,300	310	26,874	2,000	393,441	389,946	3,495	587,381	101
3,612	2,709,068	------	------	------	------	2,563,675	------	915,965	1,647,710	------	3,893,364	3,599,336	294,028	12,624,440	102
200	121,982	14	3,465	------	------	30,251	7,446	4,770	18,035	------	228,612	223,757	4,855	447,167	103
886	559,463	97	39,589	15	3,110	251,579	72,999	4,073	124,673	49,834	942,216	930,909	11,307	2,142,924	104
87	61,821	352	110,255	1	175	36,022	19,997	700	10,830	4,495	203,891	201,532	2,359	523,253	105
23	17,222	5	1,500	------	------	13,187	4,946	800	7,441	------	259,696	258,825	871	391,800	106
160	100,376	125	38,711	2	358	12,548	6,018	750	5,600	180	514,085	512,007	2,078	931,312	107
49	35,524	------	------	------	------	23,290	9,008	2,740	10,792	750	4,138,208	4,133,014	5,194	4,328,119	108
215	132,004	5	1,508	------	------	41,830	6,380	2,844	32,606	------	1,140,021	1,129,956	10,065	1,424,871	109
85	52,219	249	80,877	------	------	91,840	43,088	------	43,952	4,800	270,743	269,276	1,467	752,794	110
7	2,564	137	26,599	------	------	7,873	4,560	150	2,183	980	41,366	41,335	31	124,326	111
123	64,156	8	4,263	1	300	23,332	14,769	109	5,424	3,030	83,942	81,658	2,284	301,355	112
365	180,484	22	6,260	7	2,535	51,405	27,561	877	14,367	8,600	267,951	261,006	6,945	701,581	113
46	28,126	1	364	------	------	4,558	2,990	------	1,568	------	18,573	17,072	1,501	87,484	114
74	40,990	39	12,008	4	676	20,240	10,014	------	6,976	3,250	265,170	263,529	1,641	424,041	115
2,582	1,379,832	1,409	476,814	7	1,266	319,427	184,221	2,693	114,349	18,164	3,902,205	3,874,835	27,370	7,658,731	116
142	73,672	786	256,716	14	1,988	111,070	25,736	887	49,690	34,757	696,528	689,967	6,561	1,366,227	117
251	116,888	556	152,211	19	3,046	161,711	46,288	620	70,013	44,790	1,491,209	1,481,887	9,322	2,280,636	118
121	76,317	------	------	------	------	102,755	24,676	4,984	53,095	20,000	116,903	37,803	79,100	493,510	119
115	71,530	4	1,294	------	------	70,102	19,076	1,612	49,414	------	427,979	414,214	13,765	827,200	120
50	30,682	33	8,687	------	------	27,109	7,945	2,353	16,811	------	223,358	221,865	1,493	406,775	121
287	172,426	15	5,704	6	1,393	60,095	28,238	154	24,503	7,200	169,326	163,487	5,839	612,236	122
523	254,432	------	------	------	------	27,700	7,300	4,200	16,200	------	207,549	171,012	36,537	631,100	123
30	31,534	------	------	------	------	4,211	3,252	------	959	------	26,260	25,518	742	87,080	124
6	4,090	------	------	------	------	1,750	1,300	------	450	------	1,790	1,420	370	14,740	125
43	30,470	------	------	1	500	2,707	1,380	900	427	------	80,909	79,755	1,154	150,914	126

TABLE 8.—MANUFACTURES IN CITIES

BOROUGHS OF MANHATTAN AND BRONX—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	CAPITAL. Land.	CAPITAL. Buildings.	CAPITAL. Machinery, tools, and implements.	CAPITAL. Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	SALARIED OFFICIALS, CLERKS, ETC. Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Wages.
127	Ironwork, architectural and ornamental.	119	$3,427,829	$551,500	$440,500	$593,157	$1,842,672	146	216	$269,872	2,650	$1,664,890
128	Ivory and bone work	15	132,578			36,608	95,970	16	15	14,926	186	93,187
129	Japanning	4	4,250			1,900	2,350	4			12	8,400
130	Jewelry	221	5,106,465		15,000	647,420	4,444,045	319	278	265,273	2,744	1,838,730
131	Jewelry and instrument cases	28	281,610			41,988	239,622	35	24	17,520	317	161,490
132	Kaolin and other earth grinding	3	9,200			2,150	7,050	4	1	520	11	6,020
133	Kindling wood	8	289,290	140,000	65,000	42,850	41,440	12	15	12,580	125	84,830
134	Labels and tags	13	143,935			81,977	61,958	13	25	47,506	174	79,435
135	Lamps and reflectors	25	747,748	9,100	15,000	197,504	526,144	22	102	108,395	583	298,655
136	Lapidary work	32	1,427,275	30,000	302,000	34,200	1,061,075	47	27	40,091	293	269,855
137	Lasts	7	38,750			12,250	26,500	5	7	10,587	66	33,648
138	Lead, bar, pipe, and sheet	4	504,500	25,000	15,000	97,500	367,000	7	22	28,180	72	39,840
139	Leather goods	97	2,592,029	8,000	3,000	269,316	2,311,713	124	279	269,367	2,679	1,063,435
140	Leather, tanned, curried, and finished	10	1,208,141	32,000	45,000	65,379	1,065,762	17	15	12,920	223	116,850
141	Lime and cement	3	408,127	50,000	65,000	158,879	134,248	1	20	24,368	300	137,496
142	Liquors, malt	42	46,281,439	7,755,725	9,508,121	5,456,284	23,561,309	19	567	1,505,910	2,920	2,335,057
143	Lithographing and engraving	89	8,284,599	68,000	392,526	3,709,741	4,114,332	92	452	744,436	3,838	2,433,730
144	Lock and gun smithing	212	229,998	20,000	4,000	67,930	138,068	226	12	11,660	203	120,287
145	Looking-glass and picture frames	152	1,087,511	5,000	57,000	162,475	863,036	177	114	127,613	1,149	623,618
146	Lumber and timber products	6	389,098	29,824	14,000	103,505	241,769	7	22	22,962	193	118,236
147	Lumber, planing mill products, including sash, doors, and blinds.	62	2,007,642	226,425	394,225	400,123	986,869	83	112	132,316	1,342	820,181
148	Mantels, slate, marble, and marbleized	3	480,442	10,000	9,000	29,000	432,442	5	50	44,061	216	149,581
149	Marble and stone work	101	3,715,132	572,100	267,158	991,374	1,884,500	151	186	233,197	2,850	2,151,332
150	Masonry, brick and stone	240	7,750,943	446,200	236,700	867,652	6,200,391	292	380	519,780	8,643	5,899,420
151	Mattresses and spring beds	73	752,106			85,326	666,780	96	101	128,555	775	402,520
152	Millinery and lace goods	361	7,556,004	50,000	59,000	1,056,857	6,390,147	534	1,161	1,028,835	10,609	3,874,923
153	Millinery, custom work	366	1,400,269	49,000	43,600	70,313	1,237,356	418	202	133,000	2,335	934,934
154	Mineral and soda waters	186	3,321,163	565,000	528,650	1,385,294	842,219	220	166	204,344	1,387	835,608
155	Mirrors	30	1,351,584			157,849	1,193,735	50	86	100,050	853	484,186
156	Models and patterns	50	315,751	8,000	20,000	91,233	196,518	57	23	24,117	302	187,942
157	Monuments and tombstones	23	175,784	1,500	6,968	17,408	149,908	26	14	15,018	134	117,776
158	Mucilage and paste	5	76,300			14,300	62,000	2	24	19,596	33	18,694
159	Musical instruments and materials, not specified.	32	902,829	5,800	16,200	115,214	765,615	32	26	36,046	303	176,101
160	Musical instruments, organs and materials.	7	77,400	10,000	2,000	18,400	47,000	11			58	47,971
161	Musical instruments, pianos and materials.	86	9,342,701	881,810	1,137,883	655,826	6,667,182	94	341	495,456	4,840	2,858,921
162	Oil, essential	5	38,725			5,025	33,700	1	16	4,470	6	2,915
163	Oil, not elsewhere specified	29	743,318	61,000	42,000	76,060	564,258	35	86	92,576	100	64,991
164	Optical goods	45	458,225	15,000	6,500	67,075	369,650	61	82	74,060	269	142,662
165	Painting, house, sign, etc	946	2,692,960	264,000	242,200	361,373	1,825,387	1,118	194	148,183	5,284	4,854,332
166	Paints	28	5,478,046	1,745,000	430,370	608,727	2,693,949	11	194	242,717	985	559,883
167	Paper goods, not elsewhere specified	44	2,003,939	148,000	202,204	430,505	1,223,230	54	158	184,233	928	334,729
168	Paper hanging	8	105,833			9,183	96,650	9			128	47,545
169	Paper hangings	5	1,618,748			756,305	862,443	2	123	235,395	1,011	538,844
170	Paper patterns	4	46,914			1,025	45,889	2	82	54,452	45	19,564
171	Patent medicines and compounds	133	4,625,547	745,000	787,746	259,194	2,833,607	116	487	565,795	836	359,522
172	Paving and paving materials	21	7,969,272	4,202,813	236,655	887,624	2,642,180	13	82	93,353	957	494,287
173	Pens, fountain and stylographic	9	261,670			25,175	236,495	8	49	56,834	105	48,395
174	Pens, gold	13	299,734			83,856	215,878	14	39	45,672	293	187,383
175	Perfumery and cosmetics	58	1,361,706	4,800	52,200	160,540	1,144,166	64	264	334,203	558	195,237
176	Phonographs and graphophones	3	77,800			46,600	31,200	1	2	5,000	66	38,672
177	Photographic apparatus	7	124,411			18,050	106,361	3	17	19,050	75	37,020
178	Photographic materials	9	51,885			25,200	26,685	12	9	6,490	56	22,104
179	Photography	254	770,210	20,500	14,700	320,943	414,067	285	102	98,205	696	380,217
180	Photolithographing and photoengraving.	46	490,962			240,305	250,657	64	129	121,304	667	518,116
181	Pickles, preserves, and sauces	54	1,188,603	208,400	176,900	292,264	511,039	61	137	157,752	637	277,614
182	Pipes, tobacco	28	650,205			99,605	550,600	35	79	72,489	800	463,772
183	Plastering and stuccowork	92	562,924	25,000	7,000	105,930	424,994	135	36	39,740	956	779,983
184	Plated and britannia ware	4	78,291			16,498	61,793	5	13	10,710	79	32,048
185	Plumbers' supplies	20	867,774	156,000	80,000	184,515	447,259	14	58	79,948	829	200,266
186	Plumbing, and gas and steam fitting	1,008	3,894,408	427,475	268,475	459,368	2,739,090	1,125	281	318,224	5,675	4,057,844
187	Pocketbooks	33	330,832	12,000	40,000	25,381	253,451	43	60	45,756	475	207,367
188	Printing and publishing, book and job	844	18,064,320	514,000	291,700	9,132,911	8,125,709	1,007	1,513	1,647,053	11,975	7,251,146
189	Printing and publishing, music	22	987,093	5,000	2,000	130,463	849,630	29	129	89,522	215	119,736
190	Printing and publishing, newspapers and periodicals.	371	38,258,674	2,508,000	2,083,885	8,766,163	24,900,626	239	5,765	7,581,321	8,982	7,133,968
191	Printing materials	16	315,497			134,806	180,691	11	20	26,051	121	69,741
192	Refrigerators	10	253,389	5,500	68,000	36,850	143,039	11	18	16,099	292	136,106
193	Regalia and society banners and emblems.	25	165,768			23,491	142,277	28	24	17,977	72	31,812
194	Roofing and roofing materials	121	467,774	60,000	64,600	67,255	275,919	139	33	39,642	536	360,216
195	Rubber and elastic goods	45	1,944,483	21,068	65,932	285,867	1,571,616	51	166	212,383	1,193	442,464
196	Saddlery and harness	211	787,705	59,050	52,950	83,620	592,085	226	42	42,505	601	346,866

BY SPECIFIED INDUSTRIES: 1900—Continued.

BOROUGHS OF MANHATTAN AND BRONX—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
2,644	$1,663,590	1	$260	5	$1,040	$591,726	$92,237	$16,084	$155,535	$327,870	$4,106,842	$4,056,775	$50,067	$7,787,897	127
176	90,225	9	2,702	1	260	15,750	8,716	13	5,821	1,200	157,524	154,972	2,552	344,324	128
12	8,400					2,230	1,560		670		4,949	4,463	486	19,210	129
2,197	1,674,054	421	144,136	126	20,540	447,143	136,923	2,413	225,649	82,158	4,762,382	4,723,659	38,723	9,172,849	130
197	118,985	109	40,595	11	1,910	54,766	19,853	25	14,548	20,340	218,979	214,694	4,285	600,741	131
11	6,020					2,041	1,600	10	431		6,127	5,752	375	19,025	132
125	84,830					28,113	13,328	5,560	9,225		176,580	175,840	740	364,425	133
81	51,568	78	24,867	15	3,000	36,921	14,690	125	16,606	5,500	82,202	79,224	2,978	295,007	134
517	281,435	65	16,760	1	460	105,104	34,533	2,596	56,775	11,200	501,201	492,868	8,333	1,214,188	135
271	263,897	14	4,571	8	1,387	41,571	17,928	4,473	18,461	709	1,910,204	1,903,693	6,511	2,552,153	136
66	33,648					20,585	3,970	231	16,384		39,788	38,890	898	134,650	137
70	39,240	2	600			49,550	11,640	1,000	36,910		1,290,875	1,280,295	10,580	1,567,540	138
1,653	776,968	986	279,195	40	7,272	523,442	103,098	2,328	371,646	46,370	3,298,245	3,284,068	14,177	5,877,798	139
222	116,614	1	236			32,356	10,700	1,048	20,608		732,704	726,068	6,636	971,035	140
299	136,996	1	500			39,900	15,700	8,389	15,811		227,202	197,919	29,283	595,505	141
2,918	2,334,337			2	720	12,460,523	78,780	255,220	12,126,523		4,737,917	4,391,221	346,696	24,459,573	142
3,360	2,295,322	354	115,364	124	23,044	1,264,783	264,307	31,156	882,188	87,132	2,324,703	2,265,041	59,662	7,449,143	143
193	117,601	6	1,964	4	722	59,208	50,749	341	6,993	1,125	99,928	93,558	6,370	479,754	144
1,085	610,563	46	9,892	18	3,163	244,124	126,108	4,260	104,236	9,520	1,130,692	1,120,912	9,780	2,701,256	145
193	118,236					54,289	26,775	1,006	26,508		207,876	207,576	300	467,372	146
1,341	819,869			1	312	213,098	91,330	10,734	87,534	23,500	2,132,952	2,108,898	24,054	3,705,786	147
215	149,381			1	200	86,400	3,350	89	82,961		200,190	198,380	1,810	555,373	148
2,850	2,151,332					499,690	120,855	20,811	229,515	128,509	2,466,754	2,409,504	57,250	6,699,198	149
8,615	5,892,020	24	6,260	4	1,140	15,489,187	98,043	26,278	365,068	14,999,798	11,934,097	11,885,731	48,366	38,327,340	150
623	343,308	152	59,212			156,863	77,149	503	71,591	7,620	1,330,171	1,321,644	8,527	2,529,995	151
1,830	1,073,184	8,682	2,784,373	97	17,366	1,112,578	507,603	8,065	496,764	100,146	10,972,494	10,901,121	71,373	20,512,995	152
70	38,021	2,243	893,575	22	3,338	447,675	332,773	3,140	111,162	600	2,360,031	2,349,778	10,253	4,877,021	153
1,379	833,483	2	825	6	1,300	442,506	94,777	29,968	317,761		948,135	916,539	31,596	3,275,991	154
790	466,896	50	14,840	13	2,450	180,217	72,175	1,066	102,176	4,800	2,444,145	2,426,702	17,443	3,805,683	155
243	169,521	56	17,641	3	780	49,633	25,462	10,238	13,433	500	134,144	126,050	8,094	539,624	156
134	117,776					24,247	10,167	185	10,345	3,550	201,288	199,997	1,291	468,027	157
31	17,794	2	900			28,862	7,420	212	21,230		97,834	94,900	2,934	205,000	158
259	165,711	44	10,390			39,776	20,234	1,340	18,202		186,823	181,981	4,842	495,089	159
56	47,471			2	500	8,655	6,040	125	2,490		26,060	24,965	1,095	115,400	160
4,684	2,832,614	6	1,708	150	24,599	892,187	193,914	39,180	592,678	66,415	5,060,133	4,998,963	61,170	11,280,409	161
5	2,490	1	425			6,479	2,417	200	3,862		38,623	37,980	643	59,661	162
92	62,971	7	1,708	1	312	75,112	23,526	1,760	49,626	200	1,403,972	1,399,757	4,215	1,856,622	163
206	125,876	53	15,098	10	1,688	74,600	44,822	5,470	23,478	830	506,379	501,072	5,307	1,012,821	164
5,237	4,836,154	34	15,360	13	2,818	695,899	280,488	9,294	170,452	235,665	2,477,053	2,462,015	15,038	9,422,366	165
972	556,390	13	3,493			284,266	61,048	34,902	183,316	5,000	3,807,580	3,751,723	55,857	5,496,639	166
364	180,902	562	153,577	2	250	253,042	57,964	9,667	166,411	19,000	1,089,525	1,073,841	15,684	2,145,838	167
128	47,545					5,337	4,490	2	845		58,060	57,939	121	177,000	168
864	501,832	104	27,508	43	9,504	151,544	73,063	8,723	69,758		1,126,247	1,081,061	45,186	2,435,183	169
14	7,495	31	12,069			19,892	6,600	177	13,115		19,800	19,760	40	137,800	170
367	224,844	464	133,852	5	826	2,839,298	111,921	29,354	2,651,212	46,811	1,814,123	1,795,921	18,202	7,090,641	171
955	493,981			2	306	106,730	28,230	7,262	71,238		1,426,163	1,392,896	33,267	2,709,095	172
94	44,620	10	3,550	1	225	72,371	11,620	142	58,609	2,000	235,550	233,714	1,836	524,079	173
267	177,877	26	9,506			27,665	12,394	271	11,600	3,400	258,798	255,905	2,893	644,693	174
160	87,478	391	106,416	7	1,343	338,951	65,326	4,803	268,522	300	1,220,627	1,213,915	6,712	2,560,901	175
56	34,672	10	4,000			6,546	2,840	48	3,658		46,148	45,800	348	119,980	176
69	34,770	6	2,250			20,233	5,340	87	11,806	3,000	25,849	25,020	829	135,972	177
40	17,944	16	4,160			7,452	5,050	50	2,352		47,405	46,830	575	112,280	178
536	313,443	146	63,719	14	3,055	257,329	187,880	1,118	62,241	6,090	485,401	479,232	6,169	1,734,173	179
644	505,781	12	10,225	11	2,110	85,662	49,512	364	29,411	6,375	206,178	193,836	12,342	1,089,657	180
354	195,468	283	82,146			330,308	65,942	6,406	257,960		1,625,600	1,605,813	19,787	2,647,605	181
662	409,586	132	52,980	6	1,206	82,334	28,444		42,750	11,140	783,330	774,459	8,871	1,626,242	182
919	767,937	30	10,546	7	1,500	89,983	45,422	1,802	18,215	24,544	305,257	301,704	3,553	1,484,873	183
65	27,458	13	4,434	1	156	13,520	3,452		9,928	140	64,755	63,457	1,298	156,013	184
327	199,580			2	686	82,471	18,408	6,173	57,890		415,297	405,596	9,701	912,761	185
5,626	4,046,478	1	225	48	11,141	554,660	310,515	11,667	124,732	107,746	7,170,546	7,103,928	66,618	15,034,150	186
367	173,294	100	33,087	8	986	45,908	16,896	700	26,200	2,112	402,452	400,339	2,113	842,946	187
10,161	6,556,087	1,726	676,202	88	18,857	4,301,147	878,088	84,112	1,290,763	2,098,184	6,836,628	6,602,049	234,579	25,245,681	188
190	110,066	23	9,240	2	430	251,297	37,387	250	40,234	173,426	160,647	156,599	4,048	853,862	189
7,259	6,484,251	1,668	637,994	55	11,723	13,238,375	955,543	188,791	6,545,195	5,548,846	11,784,160	11,376,108	408,052	49,097,739	190
113	67,211	8	2,530			28,049	15,884	300	11,865		141,323	136,846	4,477	355,227	191
292	136,106					46,240	8,568	2,675	14,997	20,000	219,122	216,175	2,947	479,854	192
23	13,360	49	18,452			42,017	17,228	86	13,833	10,870	130,713	130,056	657	263,404	193
536	360,216					81,033	36,416	1,721	35,871	7,025	499,637	490,357	9,280	1,230,407	194
410	224,981	770	214,741	13	2,742	243,868	49,411	4,388	156,349	33,720	2,042,770	2,018,242	24,528	3,681,764	195
561	335,262	37	11,000	3	604	141,380	84,541	1,709	54,885	245	519,903	514,093	5,810	1,402,349	196

TABLE 8.—MANUFACTURES IN CITIES

BOROUGHS OF MANHATTAN AND BRONX—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
197	Safes and vaults	3	$446,425	$70,000	$9,000	$301,625	$65,800	2	3	$3,996	35	$22,854
198	Sausage	21	180,583	38,000	49,200	28,924	64,459	23	10	8,424	73	46,592
199	Saws	4	7,965			5,900	2,065	5			3	1,196
200	Scales and balances	6	167,700			24,350	143,350	5	30	20,244	133	66,965
201	Sewing machine repairing	62	74,368			16,130	58,238	68	1	520	69	37,148
202	Sewing machines and attachments	10	116,282			32,650	83,632	11	42	27,572	72	38,332
203	Ship and boat building, wooden	24	1,499,041	277,232	165,102	390,971	665,736	38	24	55,710	1,003	550,332
204	Shipbuilding, iron and steel	3	771,296	331,066	65,151	72,713	302,366	4	18	33,774	582	405,367
205	Shirts	183	4,479,793	30,000	70,000	255,280	4,124,513	276	510	406,645	4,120	1,726,936
206	Show cases	5	75,374			19,000	56,374	5	19	15,859	112	48,299
207	Silk and silk goods	50	4,428,148	75,000	106,000	1,304,640	2,942,508	55	169	272,340	4,001	1,579,314
208	Silversmithing	20	363,275			99,650	263,625	28	28	34,842	410	237,561
209	Silverware	18	2,535,046	175,000	75,000	695,737	1,589,309	18	189	203,750	1,159	672,684
210	Slaughtering and meat packing, wholesale.	14	1,096,358	253,000	270,000	154,472	418,886	21	76	76,944	323	200,138
211	Slaughtering, wholesale, not including meat packing.	28	7,552,078	765,000	2,280,000	831,150	3,675,928	34	244	301,250	1,882	966,611
212	Smelting and refining, not from the ore	4	719,487	130,000	60,000	45,000	484,487	6	73	93,378	113	93,543
213	Soap and candles	31	3,213,358	440,000	254,000	539,135	1,980,223	31	133	187,699	792	375,436
214	Soda water apparatus	7	672,734	6,000	6,000	114,308	546,426	6	63	62,122	277	108,485
215	Sporting goods	22	212,545			14,285	198,260	23	41	30,347	103	38,193
216	Springs, steel, car and carriage	3	90,622	20,000	10,000	34,092	26,530	2	12	19,626	54	24,115
217	Stamped ware	21	444,735	32,000	25,000	162,241	225,494	22	49	55,973	382	206,227
218	Stationery goods, not elsewhere specified.	29	958,391	150,000	100,000	180,675	527,716	33	79	70,444	519	220,356
219	Steam fittings and heating apparatus	19	1,349,813			253,771	1,096,042	20	121	230,800	960	672,687
220	Steam packing	11	128,300			18,200	110,100	14	24	33,580	31	22,520
221	Stencils and brands	16	106,763			67,873	38,890	23	6	6,388	133	62,887
222	Stereotyping and electrotyping	26	603,754	8,000	4,000	252,972	338,782	29	70	66,001	468	338,762
223	Sugar and molasses, refining	7	299,372			33,737	265,635	12	20	26,454	49	29,110
224	Surgical appliances	32	106,777			18,188	88,589	32	25	18,040	85	49,554
225	Taxidermy	7	63,670			920	62,750	7	5	3,224	37	25,642
226	Tinfoil	3	1,794,687	100,000	1,000,000	425,000	269,687	3	28	42,832	351	152,640
227	Tinsmithing, coppersmithing, and sheet-iron working.	494	3,440,944	208,600	210,050	881,000	2,141,294	574	173	190,802	2,989	1,954,704
228	Tobacco, chewing, smoking, and snuff	8	825,657	30,000	23,000	102,816	669,841	4	37	70,889	357	108,151
229	Tobacco, cigars and cigarettes	1,212	14,328,391	498,526	626,046	822,794	12,381,025	1,380	905	1,168,250	19,308	8,300,927
230	Tools, not elsewhere specified	33	1,198,675		300	45,654	1,152,721	39	20	14,025	114	57,140
231	Toys and games	26	432,911		1,000	114,685	317,226	29	33	36,788	325	131,980
232	Trunks and valises	71	790,573	19,000	12,000	74,388	685,185	87	92	76,834	901	470,654
233	Type founding	5	563,000			319,000	244,000	3	29	45,421	271	148,248
234	Typewriter repairing	6	9,730			5,200	4,530	4	5	8,900	27	20,459
235	Typewriters and supplies	11	934,919	50,000	40,000	315,585	529,334	5	94	85,102	443	244,635
236	Umbrellas and canes	96	1,504,303	33,000	51,000	131,726	1,288,577	137	193	155,713	1,502	579,698
237	Upholstering materials	24	353,305	16,000	9,800	50,569	276,936	35	43	36,085	447	171,620
238	Varnish	12	968,660	221,000	161,000	101,340	485,320	12	68	150,167	167	114,140
239	Vault lights and ventilators	6	66,000	500	1,000	29,100	35,400	8	5	9,180	76	44,960
240	Vinegar and cider	4	97,075	24,000	30,000	32,075	11,000	4	1	600	24	14,582
241	Watch cases	4	139,500			28,500	111,000	4	9	22,000	101	90,050
242	Watch, clock, and jewelry repairing	642	626,523	5,900	23,200	163,816	433,607	707	28	22,258	614	378,659
243	Whalebone and rattan	3	56,200			4,200	52,000	3			14	7,856
244	Whips	4	4,850			1,350	3,500	4			8	8,708
245	Window shades	39	443,911	6,500	8,500	107,861	321,050	47	31	36,146	217	94,485
246	Wirework, including wire rope and cable.	49	430,321	50,000	22,000	89,108	269,213	61	31	30,818	365	180,523
247	Wood, turned and carved	77	258,975			129,290	129,685	93	16	11,740	363	225,635
248	Woodenware, not elsewhere specified	3	8,250			2,100	6,150	6			22	10,240
249	Woolen goods	8	633,387			189,133	444,254	11	71	75,927	375	144,341
250	All other industries[1]	47	9,544,586	2,061,329	1,823,643	1,180,598	4,479,016	51	156	215,200	2,425	1,021,356

[1] Embraces agricultural implements, 2; bells, 1; cardboard, 1; carriage and wagon materials, 1; cheese, butter, and condensed milk, factory product, 1; cotton, cleaning and rehandling, 1; fertilizers, 1; fireworks, 2; fruits and vegetables, canning and preserving, 1; galvanizing, 2; hones and whetstones, 1; iron and steel, bolts, nuts, washers, and rivets, 2; lard, refined, 1; leather board, 1; liquors, vinous, 1; malt, 2; millstones, 1; oil, lard, 1; oil, linseed, 2; oilcloth, floor, 1; pencils,

OSWEGO.

1	All industries	207	$7,322,907	$347,182	$1,161,655	$1,732,185	$4,081,885	215	273	$346,689	3,845	$1,543,905
2	Awnings, tents, and sails	4	5,610	200	800	810	3,800	5			6	2,350
3	Bicycle and tricycle repairing	3	4,900			2,400	2,500	5			3	975
4	Blacksmithing and wheelwrighting	12	11,085	2,500	2,650	2,040	3,895	15			7	3,570
5	Boots and shoes, custom work and repairing.	11	8,640	2,000	2,225	3,640	775	11			2	656
6	Bread and other bakery products	9	38,300	6,825	14,150	10,025	7,300	10	8	2,800	24	9,750
7	Carpentering	13	29,015	4,600	5,800	4,690	13,925	13			86	37,558
8	Carriages and wagons	4	26,550	2,700	11,600	1,950	10,300	5			14	7,854
9	Clothing, men's, custom work and repairing.	9	38,946	200	250	2,458	36,038	12	5	1,816	39	14,467
10	Clothing, women's, dressmaking	3	1,000			400	600	3			16	8,850
11	Cooperage	3	4,750	600	700	350	3,100	3			1	775

BY SPECIFIED INDUSTRIES: 1900—Continued.

BOROUGHS OF MANHATTAN AND BRONX—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
35	$22,854					$4,575	$2,820	$1,365	$390		$22,386	$20,886	$1,500	$60,803	197
73	46,592					18,942	8,767	1,281	8,078	$816	318,145	313,090	5,055	441,991	198
3	1,196					1,031	706		325		4,735	4,470	265	13,300	199
133	66,965					39,499	27,992	1,812	9,695		63,883	61,676	2,207	238,715	200
68	36,648	1	$500			20,059	16,738		3,321		52,474	51,482	992	171,517	201
72	38,332					22,017	6,390	56	15,061	510	47,593	45,950	1,643	189,006	202
966	542,171	9	4,136	28	$4,025	47,973	18,797	5,785	19,791	3,600	340,382	329,871	10,511	1,362,898	203
574	402,611	2	936	6	1,820	16,283	1,400	8,352	6,531		323,751	314,166	9,585	901,437	204
1,796	992,668	2,309	731,387	15	2,881	2,782,168	199,732	1,864	490,947	2,089,625	6,967,422	6,944,839	22,583	13,657,768	205
107	47,299	5	1,000			16,062	10,839	180	5,043		46,562	45,122	1,440	145,535	206
1,526	770,166	2,350	790,430	125	18,718	921,480	138,183	9,123	245,475	528,699	3,300,893	3,261,869	39,024	6,757,544	207
373	227,267	31	9,414	6	880	36,754	17,924	360	17,320	1,150	396,583	391,355	5,228	847,361	208
1,064	615,364	66	46,570	29	10,750	249,231	58,485	15,234	172,512	3,000	1,240,726	1,224,272	16,454	2,741,994	209
315	197,444	5	2,000	3	694	124,197	19,865	9,614	94,718		4,203,272	4,189,697	13,575	4,855,076	210
1,381	966,307	1	304			705,543	71,410	35,572	597,862	699	30,027,563	29,949,625	77,938	33,897,510	211
113	93,543					119,984	4,809	2,411	112,764		1,148,414	1,140,013	8,401	1,744,975	212
583	314,231	151	51,364	58	9,841	1,452,590	85,595	13,549	1,350,209	3,237	3,734,771	3,697,343	37,428	6,479,351	213
268	106,769	8	1,560	1	156	72,450	17,678	4,975	49,797		225,954	221,680	4,274	665,148	214
48	23,567	46	12,326	9	2,300	14,151	8,920	90	4,891	250	49,389	48,422	967	166,618	215
54	24,115					11,975	5,120	787	2,568	3,500	56,805	52,879	3,926	135,391	216
293	178,007	85	27,640	4	580	64,317	17,282	1,435	45,350	250	262,520	255,183	7,337	807,954	217
197	110,798	316	108,358	6	1,200	134,920	34,366	3,707	92,247	4,600	563,206	555,283	7,923	1,346,568	218
959	672,427	1	260			303,801	44,562	1,257	248,034	9,948	1,760,409	1,744,636	15,773	3,197,518	219
30	22,312			1	208	34,264	3,952		30,312		55,722	54,780	942	203,670	220
108	58,379	25	4,508			15,907	9,604	205	6,098		30,133	28,875	1,258	160,202	221
458	336,727	5	1,123	5	912	77,978	39,500	1,472	33,506	3,500	209,063	191,684	17,379	859,722	222
45	27,810	4	1,300			36,471	14,550	250	19,813	1,858	1,039,673	1,036,211	3,462	1,264,676	223
48	36,691	37	12,863			36,008	16,655		12,803	6,550	65,358	64,251	1,107	251,350	224
27	21,744	8	3,598	2	300	9,911	6,890		1,795	1,226	44,952	44,703	249	101,013	225
179	103,971	142	43,368	30	5,301	151,199	26,800	4,722	119,677		881,274	873,182	8,092	1,261,843	226
2,937	1,938,419	39	13,034	13	3,251	442,513	239,236	8,856	150,651	43,770	3,246,990	3,196,491	50,499	7,369,129	227
138	63,846	219	44,305			815,963	21,450	5,371	789,142		786,574	782,409	4,165	1,771,280	228
10,633	5,362,486	8,630	2,932,851	45	5,590	7,791,842	480,746	38,382	7,258,053	14,661	12,938,297	12,889,479	48,818	35,659,972	229
86	48,550	28	8,590			33,562	10,481	285	13,546	9,250	67,566	65,136	2,430	234,620	230
202	99,206	118	32,043	5	731	65,710	23,260	183	32,567	9,700	251,856	248,022	3,834	603,819	231
877	463,546	21	6,562	3	546	116,999	77,489	1,227	37,333	950	1,304,056	1,299,271	4,785	2,437,863	232
195	126,397	76	21,851			46,311	22,950	1,496	21,895		111,040	105,006	6,034	425,855	233
27	20,459					3,427	2,381		1,046		10,074	9,765	309	44,980	234
396	232,514	37	10,873	10	1,248	73,910	20,850	3,759	49,301		259,158	254,535	4,623	885,304	235
637	321,878	856	256,738	9	1,082	259,639	86,766	1,720	147,973	23,180	3,201,075	3,185,411	15,664	5,001,333	236
159	86,892	278	82,749	10	1,979	68,869	24,140	479	31,243	13,007	394,076	390,914	3,162	900,392	237
160	109,940	7	4,200			113,202	5,155	9,212	98,335	500	1,686,813	1,671,597	15,216	2,375,151	238
76	44,960					7,918	6,465	50	1,403		69,530	67,375	2,155	187,950	239
24	14,582					4,217	1,460	200	2,557		31,290	30,535	755	65,600	240
99	89,010	2	1,040			14,903	2,808	125	11,970		163,123	161,886	1,237	335,100	241
536	360,839	28	10,115	50	7,705	201,445	147,972	280	35,679	17,514	331,922	321,941	9,981	1,548,052	242
13	7,356	1	500			4,657	2,320		2,337		98,875	98,350	525	135,000	243
8	3,708					980	780		175	25	6,847	6,600	247	15,600	244
131	68,901	75	23,636	11	1,948	53,432	33,529	545	19,358		796,351	788,619	7,732	1,149,402	245
311	164,077	54	16,446			53,317	23,986	1,548	24,533	3,250	282,119	277,243	4,876	685,101	246
360	224,865	2	570	1	200	48,912	36,135	365	11,762	650	181,841	168,768	13,073	623,270	247
22	10,240					1,479	1,048		431		6,370	6,180	190	24,480	248
92	53,900	283	90,441			104,324	18,272	953	66,893	18,206	319,977	314,967	5,010	725,877	249
1,743	877,108	560	124,248	122	20,000	469,650	54,294	40,722	364,124	10,510	5,947,432	5,750,838	196,594	8,148,295	250

lead, 1; pottery, terra cotta, and fire-clay products, 2; pulp goods, 1; pumps, not including steam pumps, 2; registers, car fare, 1; rules, ivory and wood, 2; screws, machine, 1; starch, 1; straw goods, not elsewhere specified, 1; tobacco, stemming and rehandling, 1; washing machines and clothes wringers, 1; watch and clock materials, 2; watches, 1; windmills, 1; wood, preserving, 1; wool pulling, 2.

OSWEGO.

2,829	$1,322,913	877	$198,702	139	$22,290	$667,109	$54,304	$39,083	$572,391	$1,331	$4,611,975	$4,512,417	$99,558	$8,137,950	1
5	1,900	1	450			837	370	15	452		6,130	6,130		12,100	2
3	975					539	440		99		3,675	3,620	55	7,450	3
7	3,570					976	833	71	72		5,749	5,478	271	21,464	4
2	656					394	315	65	14		3,149	3,149		9,960	5
19	8,552	4	1,050	1	148	1,588	400	291	897		32,233	30,270	1,963	60,073	6
86	37,558					794	346	236	212		81,568	81,308	260	137,437	7
14	7,854					762	196	149	417		8,007	7,673	334	23,402	8
15	8,950	23	5,392	1	125	3,424	2,138	8	678	600	21,108	20,878	230	56,486	9
		16	3,850			422	404		18		1,035	1,035		7,000	10
1	775					30		30			2,103	2,103		3,300	11

TABLE 8.—MANUFACTURES IN CITIES

OSWEGO—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
12	Foundry and machine shop products	11	$1,297,418	$39,400	$91,699	$243,768	$922,551	14	46	$49,917	600	$265,428
13	Furniture, cabinetmaking, repairing, and upholstering.	3	6,700	2,000	3,200	350	1,150	3	2	200	4	1,900
14	Hosiery and knit goods	3	975,801	35,000	207,274	295,680	437,847	2	15	16,387	703	178,253
15	Liquors, malt	5	210,276	15,600	50,000	52,750	91,926	3	16	12,416	33	16,030
16	Malt	5	351,950	28,200	122,000	51,000	150,750	2	9	11,480	40	20,733
17	Masonry, brick and stone	7	14,050	3,300	885	2,115	7,750	11			42	24,834
18	Millinery, custom work	9	26,225	1,300	1,800	1,075	22,050	9	5	800	42	8,985
19	Mineral and soda waters	3	19,700	1,800	4,200	8,000	5,700	2	1	1,000	5	2,580
20	Painting, house, sign, etc	14	31,050	3,100	4,450	3,550	19,950	16	4	900	52	25,526
21	Photography	4	7,200	500	300	4,800	1,600	4			2	1,175
22	Plumbing, and gas and steam fitting	6	69,725	12,000	8,500	6,525	42,700	8	3	950	32	13,676
23	Printing and publishing, book and job	5	98,188	3,000	12,000	41,828	41,360	6	8	2,782	36	16,750
24	Roofing and roofing materials	3	2,400			700	1,700	3			6	2,100
25	Saddlery and harness	4	8,250			1,050	7,200	4			4	1,750
26	Tinsmithing, coppersmithing, and sheet-iron working.	9	22,469	1,650	4,500	3,179	13,140	9	3	3,000	25	13,194
27	Tobacco, cigars and cigarettes	3	5,328			460	4,868	4			7	3,908
28	Watch, clock, and jewelry repairing	6	14,450	1,200	2,200	5,200	5,850	6			12	6,136
29	Wood, turned and carved	3	14,100			7,950	6,150	3			11	3,545
30	All other industries[1]	33	3,978,831	179,507	610,472	973,442	2,215,410	24	148	242,241	1,991	855,647

[1] Embraces boxes, wooden packing, 2; cars and general shop construction and repairs by steam railroad companies, 1; confectionery, 2; cotton goods, 1; dyeing and cleaning, 1; engraving, steel, including plate printing, 1; flouring and grist mill products, 1; gas, illuminating and heating, 1; lock and gun smithing, 1; looking-glass and picture frames, 1; lumber, planing mill products, including sash, doors, and blinds, 2; marble and stone work, 1; matches, 1; mattresses and spring

POUGHKEEPSIE.

1	All industries	377	$5,688,058	$336,125	$890,859	$1,271,699	$3,189,375	426	197	$240,593	3,432	$1,583,268
2	Bicycle and tricycle repairing	5	17,400	2,000	4,000	5,500	5,900	5			13	7,699
3	Blacksmithing and wheelwrighting	17	16,245	2,700	2,900	3,675	6,970	19			27	16,243
4	Boots and shoes, custom work and repairing.	24	6,790	1,050	1,075	1,990	2,675	26			3	1,324
5	Bottling	5	11,700	2,500	2,500	2,790	3,910	5			5	2,952
6	Bread and other bakery products	19	130,124	4,800	9,800	79,817	35,707	19	14	15,058	66	31,687
7	Carpentering	19	64,598	4,300	8,700	16,050	35,548	21	1	55	90	66,130
8	Carriages and wagons	4	58,500	16,250	12,750	4,500	25,000	5	3	2,200	29	19,060
9	Clothing, men's, custom work and repairing.	26	51,424	2,600	3,000	3,805	42,019	29	4	4,254	67	36,402
10	Clothing, women's, dressmaking	22	22,510	3,300	9,200	2,215	7,795	24			39	14,553
11	Confectionery	5	13,350	1,000	1,000	5,000	6,350	6	1	728	13	4,011
12	Cooperage	4	55,900	7,450	10,300	5,450	32,700	5	1	520	55	27,012
13	Dyeing and cleaning	5	4,775	1,000	1,500	1,875	400	6			3	1,002
14	Electrical construction and repairs	4	4,033			2,000	2,033	4			4	1,479
15	Foundry and machine shop products	9	423,921	30,000	30,841	118,820	244,260	9	15	19,248	242	135,102
16	Furniture, cabinetmaking, repairing, and upholstering.	19	16,805	3,800	5,700	3,375	3,930	28			27	13,389
17	Lock and gun smithing	4	2,400			2,050	350	4			1	520
18	Looking-glass and picture frames	6	3,685			785	2,900	6			3	860
19	Lumber, planing mill products, including sash, doors, and blinds.	8	86,878	12,800	22,100	26,000	25,978	8	4	2,150	43	17,900
20	Marble and stone work	3	10,275	3,000	650	1,125	5,500	4			7	5,000
21	Masonry, brick and stone	9	15,210	2,100	2,900	2,575	7,635	10			57	39,540
22	Millinery, custom work	17	38,026	3,400	6,950	1,303	26,373	17			52	13,574
23	Mineral and soda waters	4	16,425	1,000	1,000	12,200	2,225	5			14	7,707
24	Monuments and tombstones	3	61,500	5,000	5,000	10,000	41,500	5			35	24,424
25	Painting, house, sign, etc	14	13,460	100	325	4,258	8,777	19	1	300	52	31,904
26	Paper hanging	4	12,875	3,000	3,800	875	5,200	5			8	5,640
27	Patent medicines and compounds	4	29,875	9,000	4,500	10,575	5,800	5	1	400	17	10,276
28	Photography	7	9,300		500	6,900	1,900	9			11	5,098
29	Plumbing, and gas and steam fitting	13	100,730	7,700	11,700	8,950	72,380	16	3	1,900	86	52,350
30	Printing and publishing, book and job	7	61,360			47,700	13,660	9	2	2,100	60	25,496
31	Printing and publishing, newspapers and periodicals.	5	110,625	5,000	13,500	61,000	31,125	5	5	3,883	85	41,634
32	Roofing and roofing materials	3	5,450	550	750	950	3,200	3			11	6,200
33	Saddlery and harness	5	3,400	250	250	550	2,350	6			6	3,653
34	Slaughtering, wholesale, not including meat packing.	3	10,975	800	1,500	2,200	6,475	3			4	1,945
35	Tinsmithing, coppersmithing, and sheet-iron working.	4	11,285	4,100	5,100	1,925	160	5	1	900	7	4,125
36	Tobacco, cigars and cigarettes	11	54,090	750	1,200	2,280	49,860	14	2	1,000	59	32,264
37	Watch, clock, and jewelry repairing	15	21,225	5,725	5,725	5,225	4,550	16			10	5,116
38	All other industries[1]	46	4,110,934	189,100	700,143	805,411	2,416,280	41	139	185,897	2,121	869,997

[1] Embraces agricultural implements, 2; awnings, tents, and sails, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 2; boxes, cigar, 1; boxes, fancy and paper, 1; brick and tile, 2; cars and general shop construction and repairs by steam railroad companies, 1; cars and general shop construction and repairs by street railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; clothing, men's, factory product, 1; clothing, women's, factory product, 1; coffee and spice, roasting and grinding, 1; dye stuffs and extracts, 1; electroplating, 1; engraving, steel, including plate printing, 1; fancy articles, not

BY SPECIFIED INDUSTRIES: 1900—Continued.

OSWEGO—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
596	$264,548	1	$300	3	$580	$63,181	$4,650	$4,144	$54,337	$50	$404,459	$388,061	$16,398	$944,490	12
4	1,900					636	36	210	340	50	4,435	4,435		9,800	13
126	52,784	534	120,009	43	5,460	28,526	11,450	4,622	12,454		606,589	597,351	9,238	915,097	14
33	16,030					55,177		1,688	53,489		42,158	39,454	2,704	148,137	15
40	20,733					19,702	5,000	3,261	11,441		434,253	424,065	10,188	565,323	16
42	24,834					275	50	45	180		11,535	11,385	150	49,915	17
		41	8,900	1	85	2,803	2,260	71	472		38,486	38,486		67,950	18
5	2,530					860	100	116	644		2,129	2,104	25	9,610	19
52	25,526					1,302	767	144	391		31,140	31,140		77,732	20
2	1,175					809	750	5	54		3,400	3,250	150	9,516	21
32	13,676					1,126	395	316	415		39,746	39,223	523	73,555	22
27	14,203	8	2,323	1	224	3,286	408	983	1,895		16,693	15,942	751	46,117	23
6	2,100					234	168		66		3,462	3,462		9,050	24
4	1,750					781	698		83		4,270	4,270		10,540	25
25	13,194					1,680	972	86	622		31,118	30,655	463	56,250	26
7	3,908					1,757	222		1,535		3,236	3,236		11,781	27
12	6,136					887	612	43	232		2,505	2,455	50	14,400	28
11	3,545					1,168	592		106	470	5,012	4,612	400	12,063	29
1,653	783,551	249	56,428	89	15,668	473,153	19,732	22,484	430,776	161	2,762,592	2,707,187	55,405	4,767,952	30

beds, 1; monuments and tombstones, 2; paving and paving materials, 1; perfumery and cosmetics, 1; plumbers' supplies, 1; printing and publishing, newspapers and periodicals, 2; ship and boat building, wooden, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 2; springs, steel, car and carriage, 1; starch, 1; sugar and molasses, refining, 1; window shades, 1; woolen goods, 1.

POUGHKEEPSIE.

2,701	$1,406,200	666	$166,664	65	$10,404	$411,495	$61,479	$17,670	$327,124	$5,222	$3,475,100	$3,252,318	$222,782	$6,826,769	1
13	7,699					1,523	664	60	799		8,006	7,730	276	29,863	2
27	16,243					1,738	1,514	145	79		12,586	11,932	654	55,968	3
3	1,324					1,712	1,487	34	191		6,516	6,429	87	19,907	4
5	2,952					776	304	75	397		12,483	12,453	30	23,005	5
66	31,687					23,566	3,476	473	19,617		119,397	116,313	3,084	218,562	6
90	66,130					2,172	875	161	1,136		77,492	77,297	195	194,083	7
29	19,060					1,979	1,200	144	635		11,807	11,152	655	49,950	8
54	31,271	13	5,131			7,203	4,436	45	2,722		49,664	49,019	645	135,013	9
4	4,372	35	10,181			2,166	1,827	139	200		21,084	20,939	145	57,157	10
7	2,666	2	720	4	625	1,349	900	30	419		18,367	17,902	465	35,089	11
55	27,012					2,490	330	328	1,832		38,731	38,317	414	85,307	12
3	1,002					814	668	27	119		1,495	1,305	190	7,000	13
4	1,479					615	440		175		6,961	6,822	139	13,920	14
242	135,102					20,897	2,402	873	17,622		283,640	278,055	5,585	527,710	15
27	13,389					2,234	1,521	333	380		12,708	12,588	120	50,376	16
1	520					218	204		14		718	687	31	3,585	17
3	860					1,222	1,102		120		5,754	5,704	50	14,903	18
43	17,900					1,652		402	1,250		37,150	36,450	700	83,000	19
7	5,000					656	500	35	121		13,150	13,090	60	22,417	20
57	39,540					350	135	58	157		23,817	23,817		79,411	21
		51	13,444	1	130	4,282	3,135	115	1,032		33,901	33,591	310	70,890	22
13	7,395	1	312			1,168	360	25	783		12,347	12,257	90	28,696	23
35	24,424					2,275	750	95	1,430		29,980	29,450	530	73,950	24
52	31,904					2,968	1,785	10	1,173		32,642	32,517	125	91,480	25
8	5,640					753	286	70	397		6,400	6,400		19,510	26
13	9,652	4	624			22,857	204	128	22,525		101,503	100,408	1,095	276,302	27
8	4,338	2	656	1	104	1,775	1,450	38	287		13,899	13,763	136	30,750	28
86	52,350					5,013	2,176	208	2,629		79,172	77,943	1,229	174,596	29
49	23,161	4	1,622	7	713	3,809	2,194		1,615		16,057	14,989	1,068	75,449	30
83	40,698	2	936			6,616	1,380	446	4,790		18,304	16,885	1,419	95,307	31
11	6,200					120	72	20	28		9,332	9,322	10	18,985	32
6	3,653					530	440	5	85		4,095	4,050	45	10,919	33
4	1,945					373	150	30	193		98,712	98,712		109,242	34
7	4,125					776	100	111	565		12,177	12,087	90	23,800	35
57	31,964			2	300	12,978	1,383	29	11,566		32,701	32,526	175	109,166	36
9	4,882	1	234			2,209	1,618	110	481		4,274	3,994	280	24,715	37
1,520	728,661	551	132,804	50	8,532	267,661	20,011	12,868	229,560	5,222	2,208,078	2,005,423	202,655	3,886,786	38

elsewhere specified, 1; furniture, factory product, 2; gas, illuminating and heating, 1; glass, 1; grease and tallow, 1; hardware, 1; hats and caps, not including fur hats and wool hats, 1; hosiery and knit goods, 1; iron and steel, 2; lime and cement, 1; liquors, malt, 2; optical goods, 1; paving and paving materials, 1; photolithographing and photoengraving, 1; pumps, not including steam pumps, 1; regalia and society banners and emblems, 1; sewing machine repairing, 1; ship and boat building, wooden, 1; shirts, 2; slaughtering and meat packing, wholesale, 1; surgical appliances, 1; wheelbarrows, 1; woolen goods, 1.

TABLE 8.—MANUFACTURES IN CITIES

ROCHESTER.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	2,616	$49,086,212	$3,550,688	$5,695,879	$10,918,912	$28,920,733	2,832	3,279	$3,292,451	33,408	$13,832,122
2	Awnings, tents, and sails	3	64,100	23,000	3,000	6,500	31,600	5	3	3,000	55	24,400
3	Baking and yeast powders	4	16,100	550	1,150	650	13,750	4	4	3,000	2	680
4	Baskets, and rattan and willow ware	13	15,545	1,000	2,325	1,320	10,900	14	1	250	66	15,800
5	Bicycle and tricycle repairing	60	101,705	2,500	1,300	41,830	56,075	67	8	3,482	63	29,611
6	Bicycles and tricycles	8	354,284			86,763	267,521	3	42	29,433	167	84,986
7	Blacksmithing and wheelwrighting	73	107,690	29,200	23,875	19,115	35,500	83			90	51,259
8	Bookbinding and blank book making	7	57,475			25,650	31,825	9	16	12,486	126	54,718
9	Boot and shoe cut stock	5	71,742			18,472	53,270	4	6	4,280	156	54,540
10	Boot and shoe findings	4	16,520			5,920	10,600	5	3	2,800	38	13,428
11	Boots and shoes, custom work and repairing.	128	83,195	19,500	23,325	19,205	21,165	134			64	24,709
12	Boots and shoes, factory product	60	2,942,648	8,100	20,862	788,976	2,124,710	67	395	363,860	4,485	1,664,903
13	Boxes, cigar	3	11,500			4,500	7,000	4			18	7,138
14	Boxes, fancy and paper	12	418,960	17,000	51,000	135,872	215,088	12	34	33,039	739	176,322
15	Boxes, wooden packing	4	189,393	26,000	42,000	30,945	90,448	8	12	10,766	127	56,615
16	Brass castings and brass finishing	4	101,499	12,000	29,000	15,845	44,651	9	6	4,108	45	24,490
17	Bread and other bakery products	98	395,198	76,000	95,150	118,305	105,743	112	44	18,140	273	127,780
18	Brooms and brushes	4	11,050	800	1,500	2,250	6,500	4			19	9,990
19	Buttons	4	291,572			38,040	253,532	2	27	17,634	373	103,311
20	Carpentering	132	393,921	60,150	55,975	76,412	201,384	148	10	11,376	862	519,862
21	Carpets, rag	4	6,005	250	300	5,080	375	3	1	1,000	7	2,324
22	Carriages and sleds, children's	3	51,794	100	450	2,150	49,094	2	8	1,150	9	4,090
23	Carriages and wagons	16	1,318,070	110,500	117,800	56,050	1,033,720	13	55	75,559	463	284,943
24	Cars and general shop construction and repairs by steam railroad companies.	4	362,895	33,500	61,700	131,702	135,993		23	22,343	508	251,608
25	China decorating	4	9,210	1,000	1,000	5,350	1,860	4	1	1,000	2	446
26	Clothing, men's, custom work and repairing.	184	609,672	37,875	60,300	45,740	465,757	206	33	23,604	443	205,979
27	Clothing, men's, factory product	307	6,045,528	153,855	274,781	210,250	5,406,642	377	244	335,589	4,672	1,858,166
28	Clothing, men's, factory product, buttonholes.	5	25,300	3,000	8,000	12,150	2,150	5	8	3,912	38	15,686
29	Clothing, women's, dressmaking	219	157,668	20,700	39,300	34,695	62,973	237	1	500	652	190,354
30	Clothing, women's, factory product	4	93,535			17,427	76,108	5	11	9,335	225	40,037
31	Coffee and spice, roasting and grinding	3	88,000			17,000	71,000	1	12	8,915	22	8,021
32	Confectionery	42	436,244	15,500	20,150	84,872	315,722	40	74	95,799	532	162,904
33	Cooperage	14	96,209	18,400	15,300	9,387	53,122	13	3	2,125	161	63,457
34	Corsets	6	26,050			5,050	21,000	7	2	1,250	37	9,046
35	Cutlery and edge tools	6	248,259	30,200	38,300	26,858	152,901	9	4	1,873	56	26,629
36	Dyeing and cleaning	8	38,410			26,310	12,100	11	8	3,692	63	15,064
37	Electrical construction and repairs	9	57,600	12,000	3,000	6,065	36,535	6	9	8,580	54	34,522
38	Electroplating	7	17,962			10,700	7,262	9	3	2,080	59	17,745
39	Engraving and diesinking	6	6,120			3,800	2,320	8	2	1,236	12	3,752
40	Engraving, wood	3	1,450			1,200	250	3			2	1,092
41	Fancy articles, not elsewhere specified	4	1,550			625	925	5	2	300	2	500
42	Flavoring extracts	3	4,525	800	1,000	975	1,750	3			1	260
43	Flouring and grist mill products	14	805,795	126,000	153,764	178,719	347,312	18	27	31,430	136	73,987
44	Food preparations	3	12,780			960	11,820	3	2	980	1	300
45	Foundry and machine shop products	73	4,206,826	373,852	552,991	1,021,459	2,258,524	53	208	257,685	1,885	1,020,690
46	Fur goods	5	142,532			9,300	133,232	6	12	7,700	69	27,917
47	Furnishing goods, men's	5	250,155			10,973	239,182	7	34	29,083	258	75,273
48	Furniture, cabinetmaking, repairing, and upholstering.	24	26,555	3,960	3,150	5,870	13,575	25	2	3,500	50	22,944
49	Furniture, factory product	22	1,493,471	118,300	181,300	211,842	982,029	21	131	152,737	1,491	569,243
50	Glass, cutting, staining, and ornamenting.	3	24,236			3,045	21,191	4	3	1,030	12	6,513
51	Hand stamps	3	10,500			4,200	6,300	4			9	4,993
52	Hardware	4	356,699	35,000	80,000	103,000	138,699	1	24	24,320	141	69,980
53	Hats and caps, not including fur hats and wool hats.	6	11,800			2,200	9,600	6	1	600	10	3,562
54	Instruments, professional and scientific	5	194,426	5,800	11,500	27,399	149,727	6	22	22,650	140	53,553
55	Ironwork, architectural and ornamental.	5	55,800			21,600	34,200	6	4	2,800	63	32,700
56	Jewelry	3	23,310			1,910	21,400	4	1	800	5	5,960
57	Lamps and reflectors	3	325,859	10,000	50,000	106,000	159,859	1	26	25,844	319	106,983
58	Lasts	4	42,874			20,474	22,400	4	2	2,200	50	26,060
59	Liquors, malt	13	4,906,098	723,991	1,313,776	843,244	2,025,087	5	114	171,465	404	306,063
60	Lithographing and engraving	5	613,172	30,000	75,260	297,287	210,625	3	24	25,888	344	160,091
61	Lock and gun smithing	8	6,155	400	400	1,905	3,450	8	2	1,300	8	3,496
62	Looking-glass and picture frames	13	277,100	12,100	18,500	38,350	208,150	14	36	46,911	240	108,606
63	Lumber, planing mill products, including sash, doors, and blinds.	17	527,127	58,700	111,954	133,113	223,360	18	37	33,518	368	179,774
64	Marble and stone work	7	114,059	10,000	13,000	18,300	72,759	11	2	2,100	186	82,968
65	Masonry, brick and stone	51	331,708	39,475	24,300	63,895	204,038	64	15	20,252	724	309,290
66	Millinery, custom work	55	139,299	8,150	14,750	6,400	109,999	67	15	6,126	172	54,989

BY SPECIFIED INDUSTRIES: 1900—Continued.

ROCHESTER.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
22,560	$11,042,593	9,889	$2,641,241	959	$148,288	$9,143,154	$755,433	$190,459	$5,889,483	$2,307,779	$32,082,063	$31,557,122	$524,941	$69,129,820	1
42	20,480	13	3,920			5,656	1,656	150	3,850		28,053	26,938	1,115	68,884	2
1	530	1	150			2,855	430	23	2,402		5,782	5,602	180	15,226	3
16	8,276	20	8,600	30	3,924	4,765	429	63	18	4,255	7,401	7,147	254	41,681	4
59	28,748	1	273	3	590	17,761	11,666	63	3,685	2,347	67,299	65,355	1,944	190,556	5
157	81,766	10	3,220			25,093	6,861	148	16,787	1,297	220,458	216,572	3,886	398,100	6
87	50,731			3	528	13,421	11,236	903	1,157	125	49,921	47,415	2,506	186,347	7
72	40,156	52	14,282	2	280	21,784	3,464		11,020	7,300	53,359	52,207	1,152	163,046	8
105	43,766	39	8,704	12	2,070	7,011	3,275		3,475	261	161,666	160,280	1,386	308,022	9
26	10,848	12	2,580			4,215	965		3,250		25,405	25,110	295	56,275	10
60	24,111			4	598	14,627	12,194	665	1,768		58,282	56,586	1,696	160,250	11
2,423	1,094,153	1,788	530,559	274	40,191	354,453	66,720	2,402	248,223	37,108	4,026,537	3,997,656	28,881	6,933,111	12
11	5,640	6	1,290	1	208	1,266	950		316		12,341	11,900	441	28,500	13
178	82,624	504	89,078	57	4,620	43,876	15,096	2,278	26,502		195,150	188,553	6,597	581,084	14
117	54,119			10	2,496	13,822	4,175	1,853	7,794		193,552	192,016	1,536	292,610	15
45	24,490					1,156	250	420	486		103,382	101,181	2,201	152,041	16
227	117,683	43	9,490	3	607	40,702	17,647	2,872	20,183		502,770	484,893	17,877	875,027	17
19	9,990					864	505	50	309		22,891	22,619	272	41,200	18
144	62,154	203	37,922	26	3,235	38,574	9,443	250	28,881		68,562	65,857	2,705	354,052	19
862	519,862					300,330	6,214	1,888	10,598	281,630	901,066	898,667	2,399	2,056,153	20
3	1,248	4	1,076			431	316	11	104		961	810	151	6,387	21
6	3,310	2	676	1	104	1,792	1,400	22	370		24,700	24,593	107	39,075	22
463	284,943					81,643	3,421	5,474	69,230	3,518	275,640	269,330	6,310	790,417	23
508	251,608					5,685		1,685	4,000		252,042	247,343	4,699	531,678	24
		1	290	1	156	445	304	25	116		1,435	1,090	345	6,175	25
249	148,944	176	54,364	18	2,671	199,289	42,884	1,257	22,624	132,524	431,857	426,810	5,047	1,193,072	26
1,933	1,071,301	2,605	769,281	134	17,584	1,764,190	76,629	12,643	356,202	1,318,716	5,522,465	5,480,761	41,704	11,138,220	27
16	10,240	19	5,082	3	364	1,952	284	61	1,607		4,515	4,168	347	28,524	28
38	22,862	613	167,353	1	139	34,122	28,952	742	3,828	600	165,952	161,523	4,429	563,829	29
6	2,392	219	37,645			19,746	2,850		16,896		88,431	87,861	570	185,357	30
13	5,681	9	2,340			5,985	2,360	25	3,600		122,756	120,966	1,790	152,561	31
181	84,690	327	75,117	24	3,097	270,964	21,388	1,240	248,336		650,603	641,691	8,912	1,321,282	32
131	63,457					3,850	1,954	417	1,479		119,689	118,649	1,040	213,095	33
7	2,400	30	6,646			2,577	1,690		887		16,136	15,780	356	39,450	34
56	26,629					6,655	1,135	1,667	3,562	291	23,983	20,680	3,303	82,520	35
29	8,675	34	6,389			5,905	4,120		1,785		13,564	10,314	3,250	68,300	36
54	34,522					5,313	2,508	225	2,580		82,597	82,076	521	168,024	37
55	16,863			4	882	2,262	1,812		450		5,038	4,242	796	37,964	38
6	2,348	6	1,404			1,529	952		577		1,251	1,132	119	19,113	39
1	936			1	156	448	288		85	75	565	535	30	6,550	40
		2	500			2,071	911		360	800	4,605	4,540	65	12,700	41
1	260					117	52	28	37		2,397	2,378	19	5,573	42
136	73,987					63,341	8,783	5,602	48,956		2,623,883	2,608,467	15,416	3,010,539	43
1	300					2,832	632		2,200		9,065	9,030	35	17,100	44
1,877	1,019,224			8	1,466	582,942	39,979	15,463	331,108	196,392	1,333,904	1,275,749	58,155	4,036,479	45
23	14,022	46	13,895			16,365	4,670	270	11,425		99,458	99,183	275	174,225	46
32	23,766	219	50,745	7	762	14,529	4,271	99	10,159		323,665	322,717	948	511,642	47
49	22,844			1	100	6,742	3,788	152	2,627	175	34,135	33,427	708	94,057	48
1,419	555,550	13	4,416	59	9,277	140,505	26,920	3,592	109,693	300	744,027	723,584	20,443	2,069,972	49
12	6,513					1,717	976		741		4,388	4,287	101	23,112	50
8	4,493	1	500			1,765	985		780		7,536	7,415	121	20,250	51
140	69,820			1	160	19,639	2,350	2,193	15,096		66,017	63,922	2,095	217,120	52
3	1,852	6	1,550	1	160	1,443	1,098		345		16,135	15,970	165	28,550	53
81	41,281	56	11,648	3	624	37,554	1,662	600	35,292		114,595	113,340	1,255	257,873	54
63	32,700					5,556	2,226		830	2,500	31,403	29,285	2,118	114,600	55
5	5,960					1,170	855		315		33,097	32,953	144	54,000	56
305	104,983			14	2,000	19,136	2,170	2,070	14,896		272,609	270,671	1,938	672,936	57
50	26,060					7,009	3,800		3,200		18,236	17,386	850	70,250	58
404	306,663					1,265,074	9,102	37,021	1,218,951		582,399	534,485	47,914	2,748,290	59
280	147,017	61	12,486	3	588	42,481	3,058	1,867	36,156	1,400	226,769	222,188	4,581	534,966	60
6	2,976	1	364	1	156	2,886	1,835	16	1,035		3,887	3,638	249	19,350	61
225	105,656	13	2,600	2	350	32,134	8,261	525	23,348		111,546	108,758	2,788	352,457	62
338	175,816			30	3,958	36,273	11,249	2,095	22,929		333,425	322,220	11,205	668,594	63
186	82,968					4,815	3,617	388	810		89,211	88,496	715	213,360	64
724	309,290					172,572	1,346	1,072	9,654	160,500	302,658	300,233	2,425	918,412	65
2	208	167	54,481	3	300	23,880	17,163	403	6,314		193,397	192,397	1,000	366,369	66

TABLE 8.—MANUFACTURES IN CITIES

ROCHESTER—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
67	Mineral and soda waters	10	$117,150	$8,150	$8,650	$70,500	$29,850	10	8	$4,224	36	$17,069
68	Models and patterns	10	138,290	3,000	17,000	6,780	111,510	10	2	4,000	39	20,750
69	Monuments and tombstones	6	27,115	6,200	4,500	665	15,750	9	1	1,200	5	2,840
70	Musical instruments, pianos and materials.	3	255,148	14,000	18,878	16,140	206,130	-------	15	19,048	268	99,805
71	Optical goods	3	1,588,067	54,500	202,867	412,066	918,634	-------	143	86,341	977	454,072
72	Painting, house, sign, etc	126	143,120	19,500	24,950	24,461	74,209	138	2	1,500	388	191,317
73	Paper hanging	4	64,650	1,000	1,500	3,950	58,200	6	13	8,458	45	28,550
74	Patent medicines and compounds	29	393,325	51,150	152,250	27,990	161,935	28	80	35,591	65	28,533
75	Paving and paving materials	19	379,093	46,587	21,100	69,306	242,100	23	27	25,920	543	237,275
76	Perfumery and cosmetics	8	366,624	18,600	60,000	26,682	261,342	7	57	68,014	106	22,309
77	Photographic apparatus	7	1,037,327	46,100	161,320	151,603	678,304	3	69	44,773	1,282	477,158
78	Photographic materials	7	252,734	1,000	1,000	43,812	206,922	4	22	15,615	79	35,754
79	Photography	34	108,400	3,200	6,025	55,950	43,225	41	10	6,611	92	41,304
80	Plumbing, and gas and steam fitting	55	531,696	43,500	36,243	30,311	421,642	73	31	19,156	452	206,674
81	Printing and publishing, book and job	52	495,819	9,500	11,000	266,048	209,271	59	47	23,828	362	130,402
82	Printing and publishing, newspapers and periodicals.	20	2,474,634	191,600	132,837	551,978	1,598,219	13	242	227,710	766	363,573
83	Refrigerators	3	31,600	2,000	4,900	10,700	14,000	5	3	2,136	27	16,620
84	Roofing and roofing materials	7	106,041	34,914	10,300	13,102	47,725	8	4	7,210	65	38,723
85	Saddlery and harness	25	178,532	10,500	6,700	47,655	113,677	24	9	10,392	120	52,671
86	Sausage	10	99,200	38,000	22,600	15,250	23,350	14	-------	-------	29	14,753
87	Sewing machine repairing	3	10,000	-------	-------	450	9,550	1	1	260	4	2,067
88	Ship and boat building, wooden	7	30,552	200	4,300	21,402	4,650	7	-------	-------	6	3,010
89	Shirts	3	4,125	-------	-------	1,500	2,625	2	3	840	8	2,621
90	Stationery goods, not elsewhere specified.	8	592,145	9,800	97,023	56,886	428,436	5	120	98,255	293	92,444
91	Tinsmithing, coppersmithing, and sheet-iron working.	57	214,587	23,050	30,950	42,222	118,365	60	11	5,195	200	93,313
92	Tobacco, cigars and cigarettes	87	597,533	53,150	76,100	105,882	362,401	90	48	97,726	720	225,745
93	Upholstering materials	4	76,063	300	300	24,025	51,438	5	9	5,724	60	17,996
94	Watch, clock, and jewelry repairing	48	48,130	1,950	2,950	16,335	26,895	48	4	818	41	26,937
95	Wirework, including wire rope and cable.	6	30,200	1,300	800	6,300	21,800	5	5	4,306	39	13,814
96	Wood, turned and carved	9	28,550	3,500	1,500	14,000	9,550	10	1	1,200	29	18,830
97	All other industries[1]	113	8,421,278	585,229	980,848	3,503,510	3,351,686	109	432	478,035	3,419	1,307,491

[1] Embraces artificial feathers and flowers, 1; artificial limbs, 2; babbitt metal and solder, 1; bags, paper, 2; belting and hose, leather, 2; billiard tables and materials, 1; blacking, 1; bluing, 2; boot and shoe uppers, 2; brassware, 2; bridges, 2; cars and general shop construction and repairs by street railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; cleansing and polishing preparations, 2; cloth, sponging and refinishing, 1; coffins, burial cases, and undertakers' goods, 2; cordials and sirups, 1; cotton goods, 1; cotton small wares, 2; druggists' preparations, not including prescriptions, 1; electrical apparatus and supplies, 2; enameling and enameled goods, 2; fertilizers, 1; fireworks, 1; fruits and vegetables, canning and preserving, 1; gas, illuminating and heating, 1; gas machines and meters, 1; glass, 2; gloves and mittens, 2; gold and silver, leaf and foil, 1; grease and tallow, 2; hairwork, 1; hosiery and knit goods, 2; house furnishing goods, not elsewhere specified, 2; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; kindling wood, 2; leather goods, 2;

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1	All industries	388	$6,517,864	$389,756	$866,831	$1,299,586	$3,961,691	412	222	$204,977	4,431	$2,527,352
2	Bicycle and tricycle repairing	6	10,950	-------	-------	6,200	4,750	5	-------	-------	8	4,450
3	Blacksmithing and wheelwrighting	16	24,880	5,100	6,300	3,750	9,730	19	-------	-------	25	15,104
4	Boots and shoes, custom work and repairing.	28	7,483	1,200	2,000	2,655	1,628	26	-------	-------	12	5,161
5	Bottling	7	49,623	3,900	2,800	19,660	23,263	7	2	1,628	18	8,803
6	Bread and other bakery products	17	34,090	600	1,400	16,565	15,525	20	20	7,167	47	24,734
7	Brooms and brushes	4	35,750	5,800	5,300	2,150	22,500	4	-------	-------	40	16,194
8	Carpentering	39	94,150	3,850	6,350	15,150	68,800	43	-------	-------	221	141,671
9	Clothing, men's, custom work and repairing.	31	62,779	13,700	11,100	3,955	34,024	31	1	500	80	41,697
10	Clothing, women's, dressmaking	38	7,635	525	1,300	3,585	2,225	40	-------	-------	74	19,345
11	Confectionery	7	11,700	5,000	2,570	2,555	1,575	7	-------	-------	5	2,700
12	Electrical construction and repairs	3	17,250	8,000	4,000	550	4,700	4	3	1,312	10	7,546
13	Foundry and machine shop products	4	3,587,069	208,100	616,895	786,687	1,975,387	3	52	77,589	2,302	1,494,190
14	Furniture, cabinetmaking, repairing, and upholstering.	7	6,766	500	1,000	685	4,581	8	1	600	9	5,684
15	Looking-glass and picture frames	3	2,585	-------	-------	85	2,500	3	-------	-------	1	300
16	Masonry, brick and stone	20	33,285	1,900	750	3,010	27,625	22	5	4,347	154	103,748
17	Millinery, custom work	12	34,970	8,000	6,000	595	20,375	10	13	4,032	38	12,616
18	Mineral and soda waters	3	33,900	2,300	5,200	8,500	17,900	4	3	1,300	14	5,824
19	Monuments and tombstones	3	18,750	5,200	2,500	1,650	9,400	4	-------	-------	8	6,720
20	Painting, house, sign, etc	40	27,212	2,300	1,805	6,672	16,435	45	-------	-------	131	77,470
21	Patent medicines and compounds	3	100,510	10,000	25,000	2,010	63,500	2	14	8,400	18	5,724
22	Paving and paving materials	5	51,520	2,100	5,000	43,170	1,250	4	12	4,000	127	67,046
23	Photography	7	10,015	500	1,650	5,615	2,250	7	-------	-------	5	2,614
24	Plumbing, and gas and steam fitting	9	111,700	8,300	12,100	8,800	82,500	12	8	6,712	150	94,005
25	Printing and publishing, book and job	6	31,150	-------	-------	24,500	6,650	5	1	150	6	3,518
26	Printing and publishing, newspapers and periodicals.	5	50,269	-------	-------	34,130	16,139	3	11	6,000	61	32,067

BY SPECIFIED INDUSTRIES: 1900—Continued.

ROCHESTER—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
34	$16,445	2	$624			$18,921	$1,463	$548	$16,910		$39,798	$38,958	$840	$111,129	67
34	19,200	4	1,450	1	$100	4,770	2,072	635	1,913	$150	20,405	19,785	620	67,106	68
5	2,840					268		196	72		23,064	22,977	87	32,225	69
267	99,705			1	100	8,601	3,000	497	5,104		238,700	234,796	3,904	442,032	70
690	406,049	255	44,927	32	3,096	159,653	750	4,432	154,471		258,516	249,545	8,971	1,069,099	71
385	190,886			3	431	12,086	7,151	727	4,108	100	124,345	123,648	697	474,708	72
45	28,550					7,977	3,450	33	4,494		37,976	37,716	260	102,080	73
32	20,505	30	7,393	3	635	197,134	4,648	4,993	186,993	500	103,410	101,646	1,764	509,180	74
542	237,175			1	100	36,510	2,765	1,005	10,740	22,000	257,315	254,742	2,573	604,617	75
10	5,554	95	16,547	1	208	53,204	2,735	960	49,509		190,582	189,404	1,178	433,912	76
1,091	400,027	141	57,289	50	19,842	115,691	26,350	2,357	86,984		345,044	336,715	8,329	1,045,446	77
63	31,438	16	4,316			31,845	5,360	324	16,718	9,443	90,346	86,050	4,296	204,693	78
67	32,474	23	8,600	2	230	21,940	12,071	163	7,401	2,305	43,375	41,928	1,447	162,549	79
451	206,399			1	275	36,067	17,579	1,083	15,855	1,550	638,138	634,554	3,584	1,091,417	80
256	106,318	83	20,481	23	3,603	80,006	20,005	165	16,461	43,375	137,846	132,513	5,333	524,296	81
608	314,777	157	48,596	1	200	321,735	16,730	6,146	237,080	61,779	273,845	267,077	6,768	1,380,531	82
25	16,100			2	520	4,807	1,500	115	3,192		20,102	19,982	120	62,600	83
65	38,723					6,818	916	850	5,052		57,144	54,953	2,191	131,211	84
114	51,390	5	1,077	1	204	13,246	7,684	625	4,897	40	56,406	53,209	3,197	167,869	85
29	14,753					9,999	3,984	625	5,390		123,625	121,423	2,202	193,320	86
4	2,067					405	400			5	1,298	1,228	70	3,999	87
6	3,010					1,181	474	10	547	150	8,507	8,262	245	20,109	88
1	480	7	2,141			291	245		46		2,268	2,193	75	7,350	89
278	90,242	15	2,202			100,546	90	1,919	98,537		244,953	242,789	2,164	601,643	90
199	93,148			1	165	25,101	9,886	959	12,686	1,570	151,772	148,896	2,876	378,698	91
310	146,595	384	75,760	26	3,390	1,301,108	7,431	3,186	1,290,491		881,199	876,412	4,787	3,040,331	92
25	9,574	31	7,688	4	734	23,587	2,100	78	21,409		44,400	43,710	690	107,578	93
39	26,637			2	300	12,954	8,807	78	2,769	1,300	18,707	18,375	332	93,595	94
39	13,814					3,489	1,676	98	1,715		12,089	11,628	461	43,450	95
28	18,230	1	600			2,507	1,255	35	1,217		13,664	11,931	1,733	53,798	96
2,042	942,103	1,318	355,634	59	9,754	699,154	52,674	44,639	590,443	11,398	5,532,720	5,416,450	116,270	9,262,715	97

leather, tanned, curried, and finished, 2; lime and cement, 1; lumber and timber products, 2; mattresses and spring beds, 1; millinery and lace goods, 1; mucilage and paste, 2; musical instruments and materials, not specified, 1; needles and pins, 1; oil, not elsewhere specified, 2; paper and wood pulp, 1; pencils, lead, 1; petroleum, refining, 1; pickles, preserves, and sauces, 2; plated and britannia ware, 1; plumbers' supplies, 1; pottery, terra cotta, and fire-clay products, 2; printing materials, 1; regalia and society banners and emblems, 1; rubber and elastic goods, 1; saws, 1; screws, machine, 1; show cases, 2; slaughtering and meat packing, wholesale, 1; soap and candles, 2; sporting goods, 1; stamped ware, 1; steam fittings and heating apparatus, 1; stencils and brands, 1; stereotyping and electrotyping, 2; surgical appliances, 1; taxidermy, 2; tobacco, chewing, smoking, and snuff, 2; toys and games, 1; trunks and valises, 2; typewriter repairing, 2; typewriters and supplies, 2; umbrellas and canes, 1; varnish, 1; vinegar and cider, 1; washing machines and clothes wringers, 1; whips, 2; woolen goods, 1.

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3,779	$2,363,961	607	$155,371	45	$8,020	$635,955	$50,119	$17,104	$423,138	$145,594	$4,953,662	$4,851,135	$102,527	$9,288,387	1
8	4,450					1,114	709		405		3,214	3,037	177	12,683	2
25	15,104					2,089	1,380	104	605		12,527	11,769	758	45,815	3
12	5,161					2,178	1,930	32	216		8,187	7,869	318	28,278	4
18	8,803					4,645	1,176	88	3,381		32,652	32,246	406	59,770	5
42	23,457	5	1,277			9,936	5,277	30	4,629		84,725	82,295	2,430	149,559	6
39	16,007			1	187	1,176		161	1,015		35,735	35,410	325	66,500	7
221	141,671					130,577	882	112	4,379	125,204	368,789	368,493	296	703,444	8
66	38,029	14	3,668			9,966	3,719	233	1,814	4,200	53,052	51,993	1,059	129,955	9
2	900	70	18,240	2	205	3,010	2,640	18	352		4,903	4,355	548	48,449	10
5	2,492	1	208			1,001	392	113	496		6,132	5,962	170	13,843	11
10	7,546					2,205	445	100	1,660		15,430	15,360	70	31,150	12
2,302	1,494,190					84,161	180	9,836	74,145		3,209,395	3,137,069	72,326	5,207,586	13
9	5,684					1,094	996	10	88		4,934	4,794	140	19,228	14
1	300					280	240		40		1,810	1,810		3,650	15
154	103,748					2,927	372	40	2,215	300	111,309	111,069	240	251,492	16
		36	12,322	2	294	6,620	5,120	104	1,384	12	65,460	65,220	240	103,623	17
12	5,356	2	468			3,848	360	80	3,408		9,871	9,516	355	30,960	18
8	6,720					844	30	124	690		7,877	7,800	77	21,200	19
130	77,215			1	255	5,443	2,518	48	2,877		36,218	35,982	236	153,516	20
1	624	17	5,100			201,091	120	388	200,583		13,771	13,351	420	247,400	21
127	67,046					5,414	80	164	5,170		59,412	54,712	4,700	148,636	22
5	2,614					1,822	1,080	20	622	100	3,844	3,666	178	15,980	23
148	93,585			2	420	6,062	2,436	146	3,480		115,799	114,610	1,189	263,406	24
6	3,518					2,483	820		413	1,250	3,706	3,182	524	13,250	25
41	23,433	19	8,478	1	156	15,446	2,760		11,431	1,255	15,809	14,494	1,315	80,388	26

TABLE 8.—MANUFACTURES IN CITIES

SCHENECTADY—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
27	Roofing and roofing materials	3	$8,900			$1,300	$7,600	4			19	$10,996
28	Saddlery and harness	4	3,475			1,275	2,200	4			4	2,298
29	Tinsmithing, coppersmithing, and sheet-iron working.	4	6,125	$300	$150	900	4,775	5			6	3,151
30	Tobacco, cigars and cigarettes	11	35,015	5,000	6,400	1,540	22,075	14	1	$600	44	21,659
31	Watch, clock, and jewelry repairing	8	6,230			3,210	3,020	8			6	5,112
32	All other industries[1]	35	2,002,128	87,581	139,261	288,477	1,486,809	39	75	80,640	787	285,205

[1] Embraces agricultural implements, 1; awnings, tents, and sails, 1; boxes, fancy and paper, 1; carriages and wagons, 2; cars and general shop construction and repairs by street railroad companies, 1; clothing, women's, factory product, 1; electrical apparatus and supplies, 1; electroplating, 1; flouring and grist mill products, 2; gas, illuminating and heating, 1; gloves and mittens, 1; hammocks, 1; hats and caps, not including fur hats and wool hats, 1; hosiery and knit goods, 1;

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1	All industries	1,383	$31,358,055	$2,901,602	$5,044,222	$8,882,531	$14,529,700	1,514	1,431	$1,424,279	14,917	$6,735,177
2	Awnings, tents, and sails	3	64,875	25,000	25,000	475	14,400	3	1	170	20	6,070
3	Baskets, and rattan and willow ware	3	4,305	50	200	290	3,765	5			7	3,050
4	Bicycle and tricycle repairing	28	35,250	2,500	3,550	12,100	17,100	33	3	637	28	12,792
5	Bicycles and tricycles	8	775,071	35,174	71,869	307,843	360,185	2	102	57,100	610	292,614
6	Blacksmithing and wheelwrighting	54	84,461	25,767	21,450	14,265	22,979	60			82	49,261
7	Bookbinding and blank book making	4	19,467			11,900	7,567	6			41	12,654
8	Boots and shoes, custom work and repairing.	69	27,287	3,620	4,175	10,455	9,037	65	1	520	27	13,124
9	Boots and shoes, factory product	4	481,533	25,908	14,093	74,268	367,264	4	52	54,498	469	178,548
10	Bottling	5	18,586	600	400	3,375	14,211	11	7	2,080	9	5,630
11	Boxes, fancy and paper	3	81,664	13,000	29,000	14,500	25,164	6	2	650	89	21,623
12	Brass castings and brass finishing	5	104,435	23,500	25,500	20,150	35,285	9			63	37,500
13	Bread and other bakery products	61	430,917	28,458	35,391	246,493	120,575	72	52	38,251	221	102,615
14	Brooms and brushes	3	15,545			925	14,620	5	1	386	34	10,642
15	Carpentering	89	212,495	36,950	26,950	54,070	94,525	102	5	3,392	420	237,232
16	Carriages and wagons	20	494,982	25,150	68,900	41,162	359,770	22	16	33,310	314	158,792
17	Cars and general shop construction and repairs by steam railroad companies.	8	80,457	12,800	27,500	31,600	8,557		9	9,239	117	59,004
18	Clothing, men's, custom work and repairing.	91	260,099	7,350	7,450	19,461	225,838	98	20	10,648	231	113,005
19	Clothing, men's, factory product	98	2,019,343	12,400	28,150	79,683	1,899,110	126	93	81,101	1,078	396,704
20	Clothing, women's, dressmaking	44	28,108	550	1,500	9,540	16,518	52	14	17,438	466	121,381
21	Clothing, women's, factory product	8	146,798			20,840	125,958	9	12	8,612	261	64,809
22	Coffee and spice, roasting and grinding	4	112,240			13,340	98,900	7	3	2,580	21	9,244
23	Confectionery	9	88,168	1,000	2,310	40,435	44,423	11	9	5,606	63	26,324
24	Cooperage	6	43,460	8,700	5,200	1,660	27,900	6	1	900	43	21,828
25	Dyeing and cleaning	9	22,085	5,900	4,700	5,555	5,930	11	2	408	22	10,153
26	Electrical apparatus and supplies	4	74,723			24,000	50,723	3	10	6,464	67	40,376
27	Electrical construction and repairs	10	47,919			14,624	33,295	12	7	3,069	31	21,268
28	Electroplating	5	6,985			3,610	3,375	5			20	8,393
29	Flavoring extracts	3	11,635	2,280	600	705	8,050	3			5	1,912
30	Food preparations	4	258,076	500	800	27,243	229,533	2	38	39,352	93	28,930
31	Foundry and machine shop products	40	2,680,935	256,422	368,527	531,124	1,524,862	39	137	134,280	1,403	676,113
32	Fur goods	5	26,140			1,200	24,940	8	3	3,240	25	11,160
33	Furniture, cabinetmaking, repairing, and upholstering.	27	74,260	14,500	5,900	21,535	32,325	30	5	2,647	59	33,509
34	Furniture, factory product	8	435,278	30,000	64,697	51,388	289,193	9	23	23,150	322	150,362
35	Gloves and mittens	5	19,203			2,327	16,876	6	3	1,275	31	9,179
36	Hairwork	5	11,149			785	10,364	5			7	1,844
37	Hand stamps	3	6,350			3,800	2,550	3	3	1,040	4	2,141
38	Hosiery and knit goods	5	345,786	23,300	26,975	77,493	218,018	9	16	17,790	284	76,456
39	Iron and steel	3	1,811,560	736,001	288,142	187,740	599,677		32	57,204	751	406,708
40	Ironwork, architectural and ornamental.	3	12,250			5,700	6,550	3	3	1,595	21	8,960
41	Lime and cement	5	233,830	34,625	39,525	47,358	112,322	1	17	14,188	50	20,360
42	Liquors, malt	10	2,993,798	279,150	853,848	462,149	1,398,651	16	67	123,313	252	168,023
43	Lock and gun smithing	12	11,145	2,000	900	5,687	2,558	13			7	2,508
44	Looking-glass and picture frames	12	73,487	4,000	5,000	13,980	50,507	17	2	1,200	76	35,276
45	Lumber, planing mill products, including sash, doors, and blinds.	9	408,598	43,000	87,400	90,000	188,198	12	12	8,290	207	84,740
46	Marble and stone work	5	10,290	1,000	570	3,770	4,950	7			22	20,355
47	Masonry, brick and stone	34	181,232	20,380	14,380	47,860	98,612	47	14	6,170	479	214,015
48	Mattresses and spring beds	4	35,569			1,850	33,719	2	5	4,983	35	13,817
49	Millinery, custom work	20	49,010	5,000	6,000	4,870	33,140	26	3	3,484	143	53,055
50	Mineral and soda waters	7	100,743	16,000	24,500	37,178	23,065	8	13	8,008	34	15,068
51	Models and patterns	3	5,300			2,500	2,800	3			7	5,320
52	Monuments and tombstones	7	50,905	20,000	8,230	1,825	20,850	11			12	7,014
53	Optical goods	4	14,500			2,500	12,000	7	2	1,374	7	3,460
54	Painting, house, sign, etc	33	56,167	4,550	9,430	6,805	35,382	41	4	2,612	126	68,499
55	Patent medicines and compounds	10	30,785	800	700	1,248	28,037	9	11	8,868	6	2,297
56	Paving and paving materials	8	246,629	22,995	15,000	84,288	124,346	5	13	15,196	344	115,733

BY SPECIFIED INDUSTRIES: 1900—Continued.

SCHENECTADY—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
19	$10,996					$499	$390		$109		$20,309	$20,151	$158	$36,947	27
4	2,298					822	634		188		8,360	8,340	20	16,934	28
6	3,151					503	440	$3	60		6,591	6,510	81	13,700	29
40	20,859	1	$300	3	$500	10,192	1,517	54	8,621		31,849	31,629	220	82,107	30
6	5,112					2,141	1,585		556		5,497	5,350	147	19,524	31
312	173,892	442	105,310	33	6,003	116,366	9,891	5,096	88,106	$13,273	596,495	583,091	13,404	1,269,414	32

house furnishing goods, not elsewhere specified, 1; liquors, malt, 2; lock and gun smithing, 2; lumber, planing mill products, including sash, doors, and blinds, 2; marble and stone work, 1; musical instruments, pianos and materials, 1; paints, 1; paper hanging, 2; perfumery and cosmetics, 1; sausage, 1; sewing machine repairing, 1; shirts, 2; varnish, 1; vinegar and cider, 1.

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11,880	$5,975,574	2,779	$719,719	258	$39,884	$3,428,671	$317,769	$115,058	$2,329,899	$665,945	$14,771,128	$14,304,196	$466,932	$31,948,055	1
13	4,820	7	1,250			3,436	230	500	2,206	500	17,605	17,230	375	30,120	2
7	3,050					340	192	4	44	100	2,287	2,252	35	8,533	3
23	12,792					6,343	3,530	83	1,273	1,457	32,085	31,028	1,057	79,409	4
603	291,714	7	900			130,181	9,388	3,663	117,130		430,636	409,241	21,395	747,329	5
82	49,261					9,271	6,827	518	1,796	130	42,151	39,472	2,679	153,833	6
12	6,544	27	5,824	2	286	1,504	965	8	531		7,641	7,156	485	31,100	7
26	12,999	1	125			6,090	5,006	260	749	75	20,363	19,597	766	72,866	8
319	137,250	140	39,278	10	2,020	54,598	4,290	1,616	48,692		470,483	467,083	3,400	804,762	9
8	5,470	1	160			4,594	453	10	4,131		35,458	35,410	48	61,790	10
19	8,570	57	12,105	13	948	4,288	1,980	392	1,916		32,365	31,676	689	70,814	11
63	37,500					5,061	348	503	4,210		135,659	131,034	4,625	201,400	12
176	93,210	44	9,330	1	75	60,591	18,923	1,421	40,247		413,975	401,260	12,715	730,133	13
18	8,096	4	1,086	12	1,460	2,113	880	46	1,187		21,184	21,084	100	40,586	14
420	237,322					98,260	4,030	732	7,450	86,048	440,661	437,942	2,719	939,633	15
302	156,161	12	2,631			29,931	9,446	2,086	17,929	470	258,521	253,315	5,206	520,435	16
117	59,004					794		594	200		37,189	36,043	1,146	106,226	17
157	92,742	68	19,620	6	643	89,507	26,223	367	13,069	49,848	240,501	237,325	3,176	585,234	18
455	242,866	605	151,463	18	2,375	463,723	30,690	3,094	60,946	368,993	1,444,437	1,433,041	11,396	2,811,262	19
23	16,417	433	103,914	10	1,050	9,948	7,981	22	1,945		42,420	40,596	1,824	232,928	20
14	7,992	230	54,753	17	2,064	36,481	6,174		29,557	750	228,453	225,336	3,117	383,494	21
15	7,628	6	1,616			5,600	2,310	100	3,190		206,700	205,803	897	248,701	22
40	20,510	23	5,814			8,529	6,038	47	2,444		138,949	136,277	2,672	208,649	23
43	21,828					533	150	137	246		33,457	33,357	100	69,950	24
15	8,250	7	1,903			3,419	1,414	112	1,593	300	5,585	4,311	1,274	33,021	25
65	39,596	2	780			8,602	1,760		6,787	55	72,940	71,234	1,706	150,441	26
31	21,268					4,611	2,125		2,411	75	60,936	60,715	221	117,622	27
18	7,831	2	562			1,397	852	20	515	10	4,315	3,698	617	20,286	28
3	1,340	2	572			1,972	240	7	1,725		12,681	12,668	13	30,903	29
48	18,169	45	10,761			137,136	3,060	1,056	133,020		455,499	451,676	3,823	790,249	30
1,393	673,788	8	1,879	2	446	142,864	12,771	13,220	107,693	9,180	939,208	888,949	50,259	2,216,221	31
8	6,308	17	4,852			3,117	2,220	60	837		24,029	23,940	89	50,645	32
58	33,301	1	208			7,595	3,209	293	3,518	575	41,861	40,598	1,263	116,345	33
307	143,639	13	6,463	2	260	27,589	3,605	1,357	22,127	500	210,167	206,545	3,622	553,573	34
11	3,889	20	5,290			3,340	616		2,724		32,958	32,654	304	56,437	35
		7	1,844			884	660		199	25	5,511	5,379	132	10,500	36
5	1,933			1	208	1,387	760		627		3,171	3,088	83	11,695	37
42	15,875	231	58,782	11	1,799	47,859	3,060	1,174	22,545	21,080	326,126	323,738	2,388	526,343	38
739	404,524			12	2,184	23,911	105	5,832	11,882	6,092	673,519	605,763	67,756	1,861,613	39
20	8,485	1	475			2,822	1,140		182	1,500	17,095	16,355	740	41,890	40
49	20,120			1	240	12,681	870	1,795	10,016		74,240	70,032	4,208	136,169	41
252	168,023					757,320		14,943	742,377		405,357	373,508	31,849	1,814,295	42
7	2,508					1,600	1,098	43	309	150	2,248	1,826	422	15,155	43
68	31,542	7	3,634	1	100	8,436	3,743	145	4,333	215	46,298	45,593	705	112,987	44
201	83,831	3	600	8	309	23,573	2,865	1,930	13,978	4,800	331,403	328,981	2,422	493,303	45
24	20,355					1,102	360	32	710		13,035	12,860	175	40,250	46
479	214,045					102,821	1,527	563	12,408	88,323	246,332	244,200	2,132	677,483	47
26	10,966	9	2,851			8,247	2,682	50	5,515		49,391	48,841	550	83,056	48
1	312	142	52,743			7,264	4,952	8	2,304		30,872	30,140	732	120,642	49
27	14,006	5	702	2	360	15,556	1,132	332	14,092		34,481	33,438	1,043	93,287	50
7	5,320					378	316		62		3,320	2,911	409	18,798	51
12	7,014					1,544	137	220	802	385	38,243	38,082	161	59,676	52
5	2,600	2	860			3,701	1,778	10	1,913		9,136	8,920	216	29,049	53
124	68,099	2	400			6,713	4,307	261	2,145		47,186	46,785	401	165,132	54
4	1,740	2	557			11,664	1,020	44	10,600		19,589	19,373	216	46,193	55
344	115,733					35,839	1,036	1,654	24,149	9,000	227,994	223,694	4,300	481,481	56

TABLE 8.—MANUFACTURES IN CITIES

SYRACUSE—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
57	Photography	16	$42,030		$75	$20,480	$21,475	19	3	$923	35	$17,750
58	Plumbing, and gas and steam fitting	43	324,195	$11,450	9,000	23,461	280,284	60	42	26,594	249	155,028
59	Pottery, terra cotta, and fire-clay products.	4	557,125	64,650	236,154	40,000	216,321	3	15	21,090	424	154,072
60	Printing and publishing, book and job	29	346,280	35,600	76,000	154,330	80,350	27	24	17,672	212	94,890
61	Printing and publishing, newspapers and periodicals.	16	757,252	45,000	55,000	325,909	331,343	9	83	84,681	420	234,759
62	Roofing and roofing materials	5	68,393	31,200	3,200	4,750	29,243	7			47	22,678
63	Saddlery and harness	19	44,012	200	300	9,656	33,856	20	4	3,380	40	19,027
64	Salt	18	1,135,921	83,771	928,040	75,500	48,610	4	8	9,320	165	84,280
65	Sausage	3	6,900			2,700	4,200	3			9	5,088
66	Shirts	11	10,350			790	9,560	10	1	510	45	13,723
67	Soap and candles	5	611,950	24,400	93,300	142,800	351,450	4	28	34,699	193	67,655
68	Steam fittings and heating apparatus	8	200,800			36,000	164,800	5	22	22,532	87	40,730
69	Tinsmithing, coppersmithing, and sheet-iron working.	54	125,829	13,478	17,826	25,480	69,045	58	9	2,743	124	70,736
70	Tobacco, cigars and cigarettes	72	375,405	31,670	23,330	21,537	298,868	75	29	25,766	395	167,749
71	Watch, clock, and jewelry repairing	33	39,837	1,765	1,401	10,065	26,606	34	2	1,014	36	22,697
72	All other industries [1]	108	10,735,908	747,538	1,376,184	5,187,546	3,424,640	89	313	357,034	2,770	1,292,835

[1] Embraces agricultural implements, 2; axle grease, 1; babbitt metal and solder, 2; baking and yeast powders, 1; belting and hose, leather, 1; billiard tables and materials, 2; blacking, 1; boxes, cigar, 1; boxes, wooden packing, 2; brick and tile, 2; carpets, rag, 2; carriage and wagon materials, 2; carriages and sleds, children's, 1; cheese and butter, urban dairy products, 2; chemicals, 2; china decorating, 1; cleansing and polishing preparations, 2; clocks, 2; cloth, sponging and refinishing, 1; clothing, men's, factory product, buttonholes, 2; coffins, burial cases, and undertakers' goods, 1; cordials and sirups, 1; corsets, 1; cutlery and edge tools, 1; enameling and enameled goods, 1; engraving and diesinking, 1; engraving, steel, including plate printing, 1; engraving, wood, 1; fancy articles, not elsewhere specified, 1; fertilizers, 2; firearms, 2; flouring and grist mill products, 1; foundry supplies, 1; fruits and vegetables, canning and preserving, 1; furnishing goods, men's, 2; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; hardware, 1; hardware, saddlery, 1; hats and caps, not including fur hats and wool hats, 2; instruments, professional and scientific, 2; iron and steel, pipe, wrought, 1; jewelry, 1; lamps and reflectors, 1; lead, bar,

TROY.

1	All industries	662	$23,531,622	$1,433,776	$3,238,085	$4,730,918	$14,128,843	785	917	$1,045,237	21,564	$8,571,923
2	Bicycle and tricycle repairing	9	9,665		100	4,145	5,420	12	1	300	15	6,875
3	Blacksmithing and wheelwrighting	30	43,110	5,000	8,650	8,600	20,860	31	1	1,250	44	29,935
4	Boots and shoes, custom work and repairing.	50	14,511	1,900	1,500	6,848	4,263	50			13	5,014
5	Boxes, fancy and paper	3	155,900	1,505	2,545	43,868	107,982	6	3	2,808	203	78,813
6	Bread and other bakery products	25	141,739	40,500	33,827	35,070	32,342	26	28	12,897	129	73,927
7	Brick and tile	5	93,300	30,000	11,000	27,500	24,800	4	3	1,144	59	25,385
8	Carpentering	41	194,243	9,220	13,130	29,010	142,883	56	2	2,095	304	173,659
9	Carriages and wagons	8	74,775	16,500	17,000	6,450	34,825	8	1	1,500	51	29,246
10	Clothing, men's, custom work and repairing.	45	183,093	10,200	15,200	9,340	148,353	49	7	3,004	133	81,577
11	Clothing, women's, dressmaking	19	29,845	1,000	2,000	4,920	21,925	26	4	2,424	79	30,114
12	Coffee and spice, roasting and grinding	3	11,100			3,600	7,500	4	1	1,800	5	3,212
13	Confectionery	6	37,638	2,500	2,500	13,300	19,338	6	14	8,404	43	18,476
14	Electrical construction and repairs	4	10,050			1,500	8,550	4	1	216	16	7,453
15	Foundry and machine shop products	24	2,736,306	168,276	317,185	645,494	1,605,351	28	90	116,082	971	558,006
16	Fur goods	3	19,750			2,150	17,600	4			13	6,334
17	Furnishing goods, men's	21	5,741,836	206,000	747,402	482,749	4,305,685	48	288	314,690	10,125	3,288,573
18	Furniture, cabinetmaking, repairing, and upholstering.	8	19,011	200	1,000	2,990	14,821	9	2	1,848	45	24,710
19	Hand stamps	3	2,425			1,900	525	2	1	1,200	4	2,024
20	Hosiery and knit goods	6	838,507	24,436	98,102	283,581	432,388	3	20	37,358	755	319,687
21	Liquors, malt	8	2,267,251	139,760	567,749	463,076	1,096,666	8	67	95,136	257	158,686
22	Lock and gun smithing	5	2,725			1,500	1,225	5			1	208
23	Lumber, planing mill products, including sash, doors, and blinds.	4	64,016	5,350	7,415	9,630	41,621	8	3	578	63	30,518
24	Marble and stone work	3	27,840	2,700	1,500	8,140	15,500	4			14	4,925
25	Masonry, brick and stone	12	49,645	1,200	400	18,620	29,425	16			147	74,466
26	Millinery, custom work	37	91,653			7,047	84,606	41	19	10,072	116	36,879
27	Mineral and soda waters	6	50,780	5,200	5,500	31,700	8,380	7	5	4,030	39	18,554
28	Models and patterns	3	83,777	22,500	20,000	8,850	32,427	4	6	5,417	45	27,697
29	Monuments and tombstones	5	21,670		1,045	7,025	13,600	6			14	9,122
30	Painting, house, sign, etc	28	46,591			14,750	31,841	30	2	534	148	77,111
31	Paper and wood pulp	5	1,104,889	49,550	179,300	280,031	596,008	9	9	10,062	170	82,295
32	Photography	11	48,350	4,000	6,000	23,750	14,600	11	4	1,564	21	10,490
33	Plumbing, and gas and steam fitting	25	169,364	2,500	5,600	16,214	145,050	31	6	3,904	138	81,232
34	Printing and publishing, book and job	14	123,073			94,126	28,947	20	10	6,630	84	39,045
35	Printing and publishing, newspapers and periodicals.	12	669,690	41,000	89,000	306,250	233,440	7	32	38,644	260	160,370
36	Roofing and roofing materials	4	38,979	3,000	6,000	4,419	25,560	6	2	1,208	39	17,539
37	Saddlery and harness	11	15,600		100	4,800	10,700	14	3	1,200	39	20,312
38	Shirts	8	3,026,501	58,897	188,685	270,230	2,508,689	21	124	175,219	4,697	1,667,854
39	Tinsmithing, coppersmithing, and sheet-iron working.	21	89,197	10,200	16,500	17,053	45,444	23	6	4,712	76	42,418
40	Tobacco, cigars and cigarettes	41	144,003	3,500	6,850	10,217	123,436	53	7	3,881	238	110,853
41	Watch, clock, and jewelry repairing	18	15,455			4,975	10,480	21			10	8,615
42	All other industries [1]	68	5,023,769	567,182	865,300	1,515,500	2,075,787	64	145	173,396	1,941	1,129,714

[1] Embraces awnings, tents, and sails, 1; bells, 1; belting and hose, leather, 2; bookbinding and blank book making, 2; boots and shoes, factory product, 1; boxes, wooden packing, 1; bronze castings, 1; cars and general shop construction and repairs by street railroad companies, 1; clothing, men's, factory product, 1; clothing, women's, factory product, 2; coffins, burial cases, and undertakers' goods, 1; cooperage, 1; cutlery and edge tools, 1; dyeing and cleaning, 2; electrical apparatus and supplies, 1; electroplating, 2; enameling and enameled goods, 1; engraving, wood, 2; files, 1; flouring and grist mill products, 2; fur hats, 1; furniture, factory product, 1; gas, illuminating and heating, 1; grease and tallow, 1; hairwork, 1; hardware, 1; hats and caps, not including fur hats and wool

BY SPECIFIED INDUSTRIES: 1900—Continued.

SYRACUSE—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
17	$9,857	18	$7,893			$8,426	$5,058	$2	$3,266	$100	$22,662	$22,006	$656	$70,018	57
245	154,293			4	$735	28,934	14,245	609	12,124	1,956	407,393	404,674	2,719	758,996	58
273	112,241	151	41,831			22,892		3,080	19,812		75,539	49,606	25,933	291,767	59
148	80,588	36	9,166	28	5,136	26,816	5,853	1,750	17,653	1,560	136,567	130,547	6,020	336,384	60
388	224,625	25	9,216	7	918	70,604	13,487	3,653	48,072	5,392	159,776	152,267	7,509	707,486	61
47	22,678					2,852	450	334	2,015	53	66,952	66,598	354	113,300	62
38	18,299	2	728			5,161	4,533	19	609		31,946	31,241	705	81,764	63
159	82,998			6	1,282	23,829		4,915	18,114	800	27,842	17,549	10,293	208,826	64
9	5,088					1,712	1,116		596		35,976	35,125	851	44,591	65
4	3,125	41	10,598			2,318	1,344		324	650	15,712	15,692	20	40,512	66
130	57,699	53	8,566	10	1,390	47,074	1,727	2,884	41,263	1,200	426,490	417,742	8,748	605,409	67
75	37,930	12	2,800			22,210	4,510	250	17,450		221,506	220,820	686	362,087	68
122	70,224			2	512	10,311	6,654	524	2,958	175	115,056	112,826	2,230	263,360	69
302	142,726	77	22,575	16	2,448	94,557	8,952	846	84,759		280,386	278,139	2,247	664,434	70
36	22,697					11,569	6,854	73	3,987	655	19,443	18,979	464	83,446	71
2,538	1,242,440	171	39,759	61	10,636	600,746	31,512	34,755	531,711	2,768	3,529,976	3,397,332	132,644	7,201,748	72

pipe, and sheet, 1; leather goods, 1; lithographing and engraving, 1; lumber and timber products, 1; malt, 2; mirrors, 1; musical instruments and materials, not specified, 1; paper hanging, 1; paper hangings, 1; photographic apparatus, 1; photolithographing and photoengraving, 1; plastering and stuccowork, 2; pulp goods, 2; pumps, not including steam pumps, 1; refrigerators, 1; rubber and elastic goods, 1; sewing machine repairing, 2; sewing machines and attachments, 1; show cases, 2; silverware, 1; slaughtering and meat packing, wholesale, 1; sporting goods, 2; springs, steel, car and carriage, 1; stereotyping and electrotyping, 1; surgical appliances, 1; taxidermy, 2; tobacco, chewing, smoking, and snuff, 2; tools, not elsewhere specified, 2; toys and games, 1; trunks and valises, 1; typewriters and supplies, 1; umbrellas and canes, 1; vinegar and cider, 2; washing machines and clothes wringers, 1; wirework, including wire rope and cable, 1; wood, turned and carved, 2.

TROY.

7,852	$4,252,669	13,457	$4,278,878	255	$40,376	$2,350,661	$230,820	$90,808	$1,620,473	$408,563	$11,291,740	$10,953,355	$338,385	$28,209,259	1
15	6,875					2,248	1,371	3	674	200	6,875	6,490	385	22,700	2
44	29,935					5,529	3,508	272	1,703	46	25,627	24,431	1,196	98,054	3
13	5,014					5,458	5,015	47	396		17,766	17,071	695	51,111	4
87	36,489	78	34,916	38	7,408	25,848	8,630	25	17,193		99,360	97,420	1,940	265,753	5
124	72,483	3	1,038	2	406	19,002	5,856	1,549	11,597		229,008	223,204	5,804	439,619	6
59	25,385					1,666	200	345	1,121		11,728	4,432	7,296	56,050	7
304	173,659					25,585	4,051	1,460	3,299	16,775	386,631	384,196	2,435	729,383	8
51	29,246					3,123	1,134	462	1,227	300	27,662	27,058	604	82,695	9
126	80,226	7	1,351			50,001	13,792	518	7,341	28,350	141,090	139,335	1,755	357,439	10
36	17,642	42	12,342	1	130	6,598	4,874	100	1,524	100	34,389	33,716	673	103,156	11
5	3,212					1,665	1,430		235		14,781	14,021	760	25,473	12
26	14,878	15	3,286	2	312	3,974	2,156	100	1,718		70,543	69,291	1,252	113,137	13
16	7,453					1,327	980		347		34,884	34,884		49,650	14
971	558,006					129,482	11,066	7,395	109,521	1,500	625,309	601,556	23,753	1,777,543	15
3	2,050	10	4,284			3,092	1,026	96	1,970		11,129	10,974	155	26,418	16
1,223	609,457	8,814	2,666,052	88	13,064	689,188	29,184	6,952	384,804	268,248	3,300,716	3,265,377	35,339	8,685,676	17
39	22,742	6	1,968			4,293	2,508	40	1,745		19,482	19,067	415	77,505	18
3	1,824	1	200			639	469		170		1,170	1,160	10	7,653	19
352	169,385	379	146,178	24	4,124	47,988	2,834	2,773	30,924	11,457	506,440	499,409	7,031	969,543	20
255	158,374	2	312			582,079		12,595	569,484		362,495	337,117	25,378	1,438,869	21
		1	208			812	762		50		2,852	2,737	115	7,814	22
63	30,518					3,552	642	231	2,679		61,009	60,339	670	117,339	23
14	4,925					1,147	240	177	730		11,525	11,075	450	27,721	24
147	74,466					3,282	431	23	2,308	520	97,926	96,501	1,425	223,982	25
2	305	111	36,141	3	433	25,870	20,157		5,713		115,780	114,830	950	248,321	26
39	18,554					6,680	1,500	195	4,985		20,846	20,101	745	82,020	27
45	27,697					6,585	480	546	1,321	4,238	3,457	2,815	642	54,983	28
14	9,122					1,340	485	21	834		8,421	8,268	153	29,692	29
146	76,705			2	406	6,397	2,817		2,980	600	39,841	39,566	275	172,116	30
169	82,013	1	282			44,875	3,300	3,391	38,184		462,960	428,572	34,388	783,176	31
20	10,256			1	234	6,605	4,120	200	2,129	156	16,221	15,701	520	56,193	32
138	81,232					13,830	7,497	159	4,174	2,000	205,724	204,247	1,477	376,749	33
72	36,773	3	1,004	9	1,268	10,612	6,831		3,781		26,556	23,816	2,740	127,467	34
254	158,363	6	2,007			57,201	11,371	435	41,447	3,948	91,200	85,760	5,440	538,398	35
39	17,539					1,877	560	128	1,189		31,062	30,782	280	59,119	36
39	20,312					2,466	2,055	2	409		23,010	22,610	400	66,470	37
790	332,043	3,852	1,327,257	55	8,554	295,319	31,636	4,179	193,368	66,136	1,763,823	1,741,296	22,527	4,774,520	38
76	42,418					6,280	3,705	585	1,964	26	72,524	71,128	1,396	158,671	39
213	106,900	1	900	24	3,053	43,645	6,701	263	36,681		131,299	130,389	910	344,010	40
10	8,615					3,029	2,343		611	75	5,723	5,475	248	31,941	41
1,810	1,089,578	125	39,152	6	984	200,475	23,103	45,541	127,943	3,888	2,172,896	2,027,138	145,758	4,551,130	42

hats, 2; instruments, professional and scientific, 1; iron and steel, 2; iron and steel, forgings, 1; ironwork, architectural and ornamental, 1; leather goods, 1; lithographing and engraving, 1; looking-glass and picture frames, 2; mantels, slate, marble, and marbleized, 1; mattresses and spring beds, 1; paints, 2; patent medicines and compounds, 2; paving and paving materials, 1; pickles, preserves, and sauces, 1; plumbers' supplies, 1; pottery, terra cotta, and fire-clay products, 2; sausage, 1; scales and balances, 2; sewing machine repairing, 1; ship and boat building, wooden, 1; slaughtering and meat packing, wholesale, 1; springs, steel, car and carriage, 1; stereotyping and electrotyping, 1; varnish, 1; wire, 1; wirework, including wire rope and cable, 2; wood, turned and carved, 1.

TABLE 8.—MANUFACTURES IN CITIES

UTICA.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	733	$19,289,502	$897,213	$2,330,190	$4,659,432	$11,402,667	842	883	$792,574	10,759	$4,148,415
2	Agricultural implements	3	957,393	30,000	110,000	121,607	695,786	6	34	23,573	186	79,557
3	Bicycle and tricycle repairing	20	15,905	1,100	1,900	6,305	6,600	20	------	------	15	6,668
4	Blacksmithing and wheelwrighting	26	66,844	11,800	14,850	9,605	30,589	29	------	------	47	24,876
5	Boots and shoes, custom work and repairing.	40	11,835	1,800	2,350	5,020	2,665	35	------	------	15	6,846
6	Bottling	7	26,700	3,500	4,000	8,200	11,000	7	1	100	19	8,766
7	Boxes, cigar	3	14,950	1,500	4,000	3,000	6,450	3	------	------	12	3,804
8	Bread and other bakery products	36	177,144	10,750	17,450	92,848	56,096	37	28	16,831	124	52,196
9	Carpentering	33	89,305	11,880	11,450	13,200	52,775	40	4	818	300	155,116
10	Carriages and wagons	6	54,468	5,300	8,800	5,163	35,205	8	5	6,912	83	41,476
11	Clothing, men's, custom work and repairing.	54	132,827	2,300	4,900	9,700	115,927	61	6	5,178	161	81,305
12	Clothing, men's, factory product	58	2,358,639	4,750	14,450	45,660	2,293,779	72	151	129,297	1,247	445,389
13	Clothing, women's, dressmaking	34	28,465	2,900	4,400	3,900	17,265	40	------	------	96	26,663
14	Confectionery	6	21,250	1,500	4,500	2,200	13,050	10	2	474	9	4,248
15	Flavoring extracts	8	22,873	2,100	5,200	1,760	13,813	15	------	------	12	4,462
16	Foundry and machine shop products	16	811,577	66,410	145,529	189,136	410,502	13	46	56,233	486	205,109
17	Fur goods	3	18,874	------	------	1,350	17,524	3	3	1,560	16	6,910
18	Furniture, cabinetmaking, repairing, and upholstering.	9	18,065	700	900	1,065	15,400	11	------	------	22	10,500
19	Hairwork	6	9,993	50	300	343	9,300	5	------	------	4	1,182
20	Hats and caps, not including fur hats and wool hats.	3	6,300	500	1,500	1,500	2,800	3	------	------	7	2,734
21	Hosiery and knit goods	12	1,680,159	52,300	204,318	511,102	912,439	7	62	66,842	1,727	503,397
22	Liquors, malt	8	637,771	55,575	151,233	144,916	286,047	8	34	37,718	120	90,039
23	Lock and gun smithing	3	3,800	600	100	1,350	1,750	4	------	------	2	974
24	Looking-glass and picture frames	6	15,175	3,000	2,000	925	9,250	6	2	1,550	7	3,945
25	Lumber, planing mill products, including sash, doors, and blinds.	4	483,636	49,150	72,555	46,320	315,611	3	23	30,880	171	77,636
26	Marble and stone work	6	50,025	5,000	2,100	20,000	22,925	11	2	916	28	14,248
27	Masonry, brick and stone	16	106,250	17,800	24,600	12,585	51,265	22	2	1,940	234	118,229
28	Mattresses and spring beds	3	29,250	5,200	10,800	4,300	8,950	1	5	3,616	37	19,620
29	Millinery, custom work	21	66,339	500	700	2,725	62,414	28	20	6,274	78	24,078
30	Monuments and tombstones	11	39,055	4,400	2,450	4,955	27,250	14	1	250	29	17,695
31	Painting, house, sign, etc	23	36,550	2,650	2,300	4,180	27,420	30	2	525	94	54,445
32	Paper hanging	10	37,845	5,525	5,850	745	25,725	16	3	672	27	13,083
33	Paving and paving materials	7	205,453	9,484	5,200	70,332	120,437	8	17	17,950	389	149,452
34	Photography	10	22,505	100	500	12,500	9,405	12	------	------	13	6,422
35	Plumbing, and gas and steam fitting	17	182,199	8,100	13,600	9,695	150,804	30	13	7,380	122	74,900
36	Printing and publishing, book and job	16	123,000	------	------	77,750	45,250	20	16	8,958	116	49,458
37	Printing and publishing, newspapers and periodicals.	9	396,100	70,200	85,735	151,369	88,796	4	92	84,801	196	124,292
38	Roofing and roofing materials	5	6,425	750	2,025	1,250	2,400	5	1	350	12	5,858
39	Saddlery and harness	9	66,150	1,000	1,500	4,773	58,877	13	7	3,802	40	20,128
40	Shirts	4	4,200	------	------	1,300	2,900	6	1	468	17	4,650
41	Steam fittings and heating apparatus	3	1,649,559	100,000	286,956	365,842	896,761	2	120	77,352	620	335,802
42	Tinsmithing, coppersmithing, and sheet-iron working.	17	46,513	1,175	4,450	7,040	33,848	21	1	400	31	14,756
43	Tobacco, chewing, smoking, and snuff	4	71,568	------	------	6,225	65,343	4	9	8,344	32	9,951
44	Tobacco, cigars and cigarettes	36	135,066	13,950	22,900	5,240	92,976	48	10	7,004	133	63,512
45	Watch, clock, and jewelry repairing	22	23,478	600	1,300	7,880	13,698	21	2	1,050	18	9,641
46	All other industries[1]	80	8,328,024	331,314	1,070,539	2,662,571	4,263,600	80	158	182,556	3,605	1,174,397

[1] Embraces awnings, tents, and sails, 2; baking and yeast powders, 1; bicycles and tricycles, 1; bookbinding and blank book making, 2; boot and shoe findings, 1; boot and shoe uppers, 2; boots and shoes, factory product, 1; boxes, fancy and paper, 2; brass castings and brass finishing, 1; brick and tile, 2; brooms and brushes, 1; cars and general shop construction and repairs by steam railroad companies, 2; cheese and butter, urban dairy products, 2; cloth, sponging and refinishing, 1; coffins, burial cases, and undertakers' goods, 1; cooperage, 1; cordage and twine, 1; cordials and sirups, 1; cotton goods, 2; cotton waste, 1; dyeing and cleaning, 2; dyeing and finishing textiles, 1; electrical apparatus and supplies, 2; electrical construction and repairs, 1; electroplating, 2; engraving and diesinking, 1; engraving, steel, including plate printing, 1; engraving, wood, 1; firearms, 1; fire extinguishers, chemical, 1; flouring and grist mill products, 2;

WATERTOWN.

1	All industries	289	$8,281,845	$664,381	$1,139,912	$2,399,291	$4,078,261	302	247	$279,900	3,760	$1,821,477
2	Bicycle and tricycle repairing	5	6,025	------	------	1,930	4,095	7	------	------	5	2,085
3	Blacksmithing and wheelwrighting	22	21,121	2,900	4,900	3,050	10,271	22	------	------	20	9,945
4	Boots and shoes, custom work and repairing.	11	4,915	1,000	800	1,630	1,485	12	------	------	3	1,568
5	Bread and other bakery products	13	154,574	875	42,100	27,559	84,040	13	16	12,816	62	26,398
6	Carpentering	13	45,792	4,450	3,650	4,925	32,767	15	1	213	99	54,765
7	Carriages and wagons	4	1,236,480	64,862	239,058	68,551	864,009	------	59	67,641	463	231,150
8	Cheese, butter, and condensed milk, factory product.	4	15,236	355	5,700	1,650	7,531	6	------	------	3	1,480
9	Clothing, men's, custom work and repairing.	20	45,128	------	------	3,443	41,685	20	8	4,875	88	30,810
10	Clothing, women's, dressmaking	22	19,865	------	------	2,285	17,580	23	10	820	79	16,388
11	Flouring and grist mill products	5	273,634	73,162	37,600	47,683	115,189	2	11	11,860	27	12,939

BY SPECIFIED INDUSTRIES: 1900—Continued.

UTICA.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
6,874	$3,177,594	3,272	$875,813	613	$95,008	$2,133,972	$147,994	$115,868	$1,468,899	$401,211	$9,405,370	$9,222,034	$183,336	$19,550,850	1
186	79,557					67,760	1,186	1,722	64,852		163,596	158,226	5,370	363,509	2
11	6,304			1	364	2,636	1,388	38	1,210		14,557	14,055	502	35,595	3
47	24,876					3,262	1,848	366	1,048		18,780	17,614	1,166	78,091	4
15	6,846					2,518	2,259	54	205		13,103	12,657	446	38,108	5
19	8,766					1,048	478	115	455		26,927	26,654	273	47,427	6
2	1,370	10	2,434			701	384	95	222		12,258	11,725	533	19,990	7
91	45,525	30	6,471	3	200	20,079	9,307	964	9,808		233,241	225,655	7,586	385,086	8
300	155,116					32,739	1,051	370	3,688	27,630	203,823	203,253	570	465,607	9
83	41,476					7,300	1,900	316	5,084		49,709	47,446	2,263	119,255	10
106	64,355	52	16,537	3	413	16,953	9,832	171	4,454	2,496	127,042	125,550	1,492	314,755	11
545	277,705	683	165,016	19	2,668	434,463	24,157	10,988	203,567	195,751	1,328,849	1,318,250	10,599	2,585,927	12
7	4,692	88	21,919	1	52	4,195	3,284	54	797	60	29,680	29,038	642	90,106	13
9	4,248					3,307	2,690	40	577		24,640	23,617	1,023	48,759	14
6	2,596	5	1,650	1	216	1,432	491	190	751		21,853	21,625	228	52,797	15
478	202,469	8	2,640			85,322	2,917	7,335	75,070		605,867	587,165	18,702	1,101,826	16
4	3,692	10	2,930	2	288	3,150	1,650		1,500		19,411	19,236	175	38,000	17
17	8,550	5	1,950			2,562	2,009	20	368	165	16,611	16,478	133	41,650	18
		4	1,182			1,421	1,005	4	412		2,616	2,436	180	9,146	19
4	1,784	3	950			1,543	192	25	1,326		6,569	6,443	126	13,760	20
436	174,075	1,112	304,711	179	24,611	102,999	3,979	8,253	90,767		1,527,826	1,514,745	13,081	2,514,073	21
120	90,039					299,791		4,543	295,248		181,516	169,201	12,315	741,262	22
2	974					450	361	4	85		1,573	1,492	81	5,980	23
7	3,945					1,806	1,096	76	634		8,244	8,139	105	23,629	24
171	77,636					13,956	1,200	2,502	10,254		360,217	359,027	1,190	590,947	25
28	14,248					1,276	591	120	565		41,597	40,545	1,052	76,749	26
234	118,229					23,063	36	573	9,940	12,514	97,643	97,440	203	311,557	27
28	17,500	9	2,120			3,335	200	210	2,925		44,655	43,351	1,304	87,565	28
		76	23,792	2	286	15,590	9,546	146	5,898		112,662	111,922	740	209,907	29
29	17,695					5,289	1,461	155	3,233	440	56,491	56,049	442	106,149	30
92	54,069			2	376	3,704	1,988	61	1,492	163	25,877	25,590	287	122,507	31
26	12,891	1	192			2,226	1,336	153	662	75	18,235	18,044	191	45,853	32
389	149,452					6,699	2,275	458	3,966		117,863	115,187	2,676	354,263	33
5	3,682	8	2,740			4,255	2,809	45	1,401		8,961	8,640	321	43,160	34
122	74,900					26,202	6,822	695	16,685	2,000	183,978	182,562	1,416	354,403	35
92	45,364	12	2,772	12	1,322	14,295	4,613	538	7,734	1,410	59,608	57,243	2,365	179,169	36
190	123,151	2	561	4	580	55,530	3,420	3,522	48,228	360	73,958	70,010	3,948	428,822	37
12	5,858					597	533	36	28		10,755	10,622	133	22,778	38
40	20,128					4,787	1,844	25	2,918		66,327	66,082	245	117,481	39
		16	4,598	1	52	1,263	856	40	367		7,729	7,539	190	17,150	40
620	335,802					120,691	6,255	9,952	104,484		407,438	399,095	8,343	1,204,693	41
31	14,756					4,924	2,277	151	2,496		21,821	21,196	625	62,753	42
24	8,231	7	1,540	1	180	76,303	1,744	825	73,734		43,819	43,043	776	148,390	43
125	62,056	2	364	6	1,092	33,310	2,944	511	29,855		72,062	71,127	935	222,877	44
18	9,641					4,760	3,225	48	1,487		11,541	11,136	405	44,814	45
2,100	803,345	1,129	308,744	376	62,308	614,480	18,555	59,359	378,419	158,147	2,923,842	2,845,884	77,958	5,664,525	46

food preparations, 2; fur hats, 1; furniture, factory product, 1; gas and lamp fixtures, 2; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; ironwork, architectural and ornamental, 2; lead, bar, pipe, and sheet, 1; lime and cement, 1; matches, 1; mineral and soda waters, 2; musical instruments, organs and materials, 1; optical goods, 1; patent medicines and compounds, 2; perfumery and cosmetics, 1; photographic materials, 1; photolithographing and photo-engraving, 1; plastering and stuccowork, 1; pottery, terra cotta, and fire-clay products, 1; sewing machine repairing, 1; show cases, 1; slaughtering and meat packing, wholesale, 2; slaughtering, wholesale, not including meat packing, 1; soap and candles, 1; sugar and molasses, refining, 1; trunks and valises, 2; upholstering materials, 1; varnish, 1; vinegar and cider, 1; worsted goods, 1.

WATERTOWN.

3,230	$1,709,626	512	$109,432	18	$2,419	$455,916	$56,421	$26,245	$356,156	$17,094	$4,152,344	$3,998,750	$153,594	$7,881,977	1
5	2,085					1,405	1,165	8	232		6,647	6,475	172	14,124	2
20	9,945					2,355	2,119	88	148		9,543	8,642	901	39,092	3
3	1,568					963	926	20	17		3,869	3,754	115	10,202	4
48	23,398	13	2,948	1	52	16,741	3,150	506	13,085		84,332	82,360	1,972	169,178	5
99	54,765					14,080		115	894	13,071	108,472	108,246	226	218,199	6
446	226,546	16	4,351	1	253	101,074		2,077	98,997		552,053	547,520	4,533	985,440	7
2	1,330	1	150			136	30	29	77		39,636	39,363	273	46,140	8
38	18,263	50	12,547			8,069	4,084	50	2,720	1,215	41,561	40,812	749	111,938	9
		79	16,388			4,458	3,186		1,272		25,671	25,044	627	85,184	10
25	12,524	2	415			9,135	60	827	8,248		278,429	278,160	269	329,753	11

TABLE 8.—MANUFACTURES IN CITIES.

WATERTOWN—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
12	Foundry and machine shop products	6	$3,594,582	$142,500	$281,966	$1,362,922	$1,807,194	3	34	$63,800	1,347	$744,924
13	Furniture, cabinetmaking, repairing, and upholstering.	5	11,505	500	500	1,825	8,680	5	1	400	21	10,400
14	Looking-glass and picture frames	5	8,600			675	7,925	7			4	2,450
15	Lumber, planing mill products, including sash, doors, and blinds.	5	157,855	14,820	25,870	17,670	99,495	9	7	4,682	94	45,549
16	Masonry, brick and stone	4	28,521			8,509	20,012	6	2	800	58	35,983
17	Millinery, custom work	18	29,456			510	28,946	19	11	2,939	36	7,951
18	Mineral and soda waters	3	9,900			4,700	5,200	2			8	3,450
19	Painting, house, sign, etc	15	7,710	125	600	1,265	5,720	15			28	15,480
20	Paper and wood pulp	6	1,458,304	257,432	324,173	399,805	476,894		32	63,647	640	306,901
21	Photography	9	9,159			6,289	2,870	11			8	2,185
22	Plumbing, and gas and steam fitting	16	59,056	300	750	8,810	49,196	20	5	2,946	58	29,629
23	Printing and publishing, book and job	3	88,704	2,500	21,881	45,785	18,538	4	7	6,229	54	15,616
24	Printing and publishing, newspapers and periodicals.	8	202,839	12,000	22,500	82,580	85,759	5	15	13,168	83	49,013
25	Saddlery and harness	6	12,450	400	2,500	540	9,010	7			9	5,069
26	Tinsmithing, coppersmithing, and sheet-iron working.	3	23,250			1,050	22,200	8			17	8,241
27	Tobacco, cigars and cigarettes	6	10,768			750	10,018	6			18	7,347
28	Watch, clock, and jewelry repairing	7	5,640			2,950	2,690	7			4	3,050
29	All other industries[1]	45	740,776	86,200	125,364	289,950	239,262	53	28	23,064	424	140,711

[1] Embraces awnings, tents, and sails, 1; bottling, 2; brass castings and brass finishing, 2; brick and tile, 1; carpets, rag, 1; cars and general shop construction and repairs by street railroad companies, 1; clothing, women's, factory product, 1; confectionery, 2; cooperage, 1; dyeing and cleaning, 1; electrical construction and repairs, 1; electroplating, 2; engraving, steel, including plate printing, 1; flavoring extracts, 1; fur goods, 2; gas, illuminating and heating, 1; hand stamps, 1; hardware, 1; instruments, professional and scientific, 2; ironwork, architectural and ornamental, 1; lime and cement, 1; liquors, malt, 1; lumber and timber

YONKERS.

1	All industries	387	$13,097,205	$1,681,818	$1,406,697	$3,601,228	$6,407,462	404	329	$453,426	8,615	$3,888,892
2	Awnings, tents, and sails	3	10,250		1,700	2,850	5,700	2	1	1,500	6	3,655
3	Bicycle and tricycle repairing	8	5,175			2,700	2,475	8			9	4,862
4	Blacksmithing and wheelwrighting	26	57,150	15,000	14,000	7,700	20,450	28			47	29,974
5	Boots and shoes, custom work and repairing.	46	10,532	1,510	1,075	3,867	4,080	46			11	4,641
6	Bottling	4	17,315	1,700	2,500	2,915	10,200	7	1	576	4	1,916
7	Bread and other bakery products	17	68,775	8,200	21,000	9,635	29,940	18	5	1,918	75	42,679
8	Carpentering	24	195,511	30,600	22,200	15,795	126,916	33	2	2,460	200	137,666
9	Clothing, men's, custom work and repairing.	27	17,305			4,000	13,305	28			44	22,570
10	Clothing, women's, dressmaking	11	26,950	6,000	2,000	2,470	16,480	11			27	15,980
11	Confectionery	8	22,850			13,150	9,700	8	8	3,072	26	13,208
12	Electrical construction and repairs	3	7,450			450	7,000	4			15	9,060
13	Foundry and machine shop products	12	1,012,892	202,000	225,500	287,520	297,872	12	63	48,945	595	352,114
14	Furniture, cabinetmaking, repairing, and upholstering.	9	20,455	5,000	7,000	2,380	6,075	11			15	9,335
15	Lock and gun smithing	4	2,010			860	1,150	4			2	594
16	Looking-glass and picture frames	3	2,960			310	2,650	3			3	1,540
17	Marble and stone work	3	40,100	24,000	950	4,450	10,700	4	1	1,500	37	28,844
18	Masonry, brick and stone	8	110,722	21,850	6,000	12,480	70,392	8	4	4,120	289	154,301
19	Millinery, custom work	10	10,343			480	9,863	11			10	3,422
20	Mineral and soda waters	5	44,400	5,000	10,000	16,300	13,100	6			32	17,592
21	Painting, house, sign, etc	14	65,775	17,700	25,100	5,075	17,900	17			89	66,237
22	Patent medicines and compounds	4	174,407	2,972	5,549	20,602	145,284	6	35	115,117	80	30,711
23	Photography	7	9,925			3,750	6,175	7			7	3,501
24	Pickles, preserves, and sauces	4	14,300	5,100	1,300	3,800	4,100	5			9	3,450
25	Plumbing, and gas and steam fitting	25	110,300	5,700	12,500	10,425	81,675	30	2	2,150	126	78,634
26	Printing and publishing, book and job	6	10,060			6,400	3,660	6			9	4,452
27	Printing and publishing, newspapers and periodicals.	6	123,450	11,750	40,000	45,000	26,700	1	12	16,720	37	22,423
28	Roofing and roofing materials	3	48,000	3,000	2,700	5,800	36,500	2	3	2,340	20	10,160
29	Saddlery and harness	7	7,300			1,275	6,025	7			5	2,866
30	Tinsmithing, coppersmithing, and sheet-iron working.	12	40,515	11,000	12,400	5,065	12,050	12	1	300	67	39,069
31	Tobacco, cigars and cigarettes	17	16,240			910	15,330	17			12	7,722
32	Watch, clock, and jewelry repairing	11	18,665			3,625	15,040	11			10	5,310
33	All other industries[1]	40	10,775,123	1,303,736	993,223	3,099,189	5,378,975	31	191	252,708	6,697	2,760,404

[1] Embraces boxes, fancy and paper, 1; brass castings and brass finishing, 1; bridges, 1; carpets and rugs, other than rag, 1; carriages and wagons, 1; cars and general shop construction and repairs by street railroad companies, 1; cheese and butter, urban dairy products, 1; dyeing and cleaning, 2; electrical apparatus and supplies, 2; flouring and grist mill products, 1; fur hats, 2; furnishing goods, men's, 1; gas, illuminating and heating, 1; hairwork, 1; ice, manufactured, 1; ironwork, architectural and ornamental, 1; liquors, malt, 1; lumber, planing mill products, including sash, doors, and blinds, 2; mattresses and spring beds, 1;

BY SPECIFIED INDUSTRIES: 1900—Continued.

WATERTOWN—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
1,345	$744,624			2	$300	$59,229	$15,150	$8,482	$35,597		$1,358,875	$1,323,492	$35,383	$2,352,945	12
21	10,400					1,538	1,233	45	260		11,215	11,160	55	32,250	13
4	2,450					1,490	1,050	15	425		9,138	9,110	28	14,450	14
92	45,349			2	200	8,224	1,300	876	5,798	$250	168,538	167,833	705	262,345	15
58	35,983					752	75		677		68,651	68,211	440	119,258	16
		36	$7,951			5,302	3,090	73	2,139		38,929	38,570	359	72,741	17
8	3,450					504	396		108		2,996	2,921	75	14,129	18
28	15,480					800	678	13	109		11,287	11,145	142	40,425	19
571	291,033	69	15,868			100,676		8,640	92,036		906,938	811,582	95,356	1,870,282	20
1	450	7	1,735			1,693	1,525		168		3,645	3,466	179	13,948	21
57	29,473			1	156	6,032	4,706	57	1,269		67,964	67,195	769	137,787	22
38	12,543	15	3,025	1	48	2,491	462	527	1,502		23,192	21,863	1,329	55,370	23
61	39,761	20	8,952	2	300	22,909	2,081	829	18,791	1,208	25,778	23,471	2,307	149,841	24
8	4,819	1	250			1,367	960	60	347		27,626	27,510	116	42,167	25
13	6,451	4	1,790			24,870	670	30	24,170		14,303	14,150	153	64,000	26
17	7,247			1	100	3,533	851	17	2,665		7,060	6,928	132	21,718	27
4	3,050					1,148	944		54	150	1,495	1,415	80	10,000	28
218	106,639	199	33,062	7	1,010	54,942	6,530	2,861	44,351	1,200	254,501	248,352	6,149	599,071	29

products, 1; mattresses and spring beds, 2; models and patterns, 1; monuments and tombstones, 2; optical goods, 2; patent medicines and compounds, 1; plastering and stuccowork, 2; roofing and roofing materials, 2; silk and silk goods, 1; springs, steel, car and carriage, 1; tools, not elsewhere specified, 1; wirework, including wire rope and cable, 1.

YONKERS.

5,564	$2,899,613	2,782	$936,586	269	$52,693	$1,059,522	$98,585	$46,452	$850,668	$63,817	$10,555,218	$10,385,957	$169,261	$19,580,324	1
5	3,565	1	90			955	510	85	360		12,276	11,961	315	25,851	2
8	4,610			1	252	1,252	995		257		4,874	4,696	178	16,950	3
47	29,974					4,376	3,607	304	465		29,382	28,098	1,284	100,477	4
11	4,641					4,313	4,106	41	166		15,213	14,620	593	46,932	5
3	1,500	1	416			2,208	780	50	1,378		18,899	18,738	161	28,684	6
69	40,913	5	1,626	1	140	9,730	4,961	381	4,388		142,726	139,167	3,559	251,996	7
200	137,666					34,197	2,175	464	4,945	26,613	213,915	212,040	1,875	454,351	8
38	20,598	5	1,920	1	52	5,339	4,555		484	300	42,348	41,292	1,056	98,916	9
17	12,190	10	3,790			2,282	1,796	100	386		48,535	48,127	408	81,940	10
22	11,608	4	1,600			6,294	5,644		650		31,822	29,983	1,839	78,362	11
15	9,060					3,614	579		3,035		13,851	13,570	281	33,500	12
595	352,114					70,565	2,250	7,157	61,158		798,207	784,738	13,469	1,381,903	13
15	9,335					1,753	1,163	150	440		10,104	9,632	472	30,465	14
1	450			1	144	700	672		28		1,205	1,130	75	4,810	15
3	1,540					682	580		102		2,402	2,372	30	7,330	16
37	28,844					4,219	700	94	1,425	2,000	25,332	25,252	80	72,200	17
289	154,301					32,897	484	265	2,344	29,804	233,222	232,537	685	517,616	18
		10	3,422			3,732	3,460	20	252		21,644	21,308	336	39,417	19
32	17,592					6,923	1,420	400	5,103		34,407	33,812	595	68,442	20
89	66,237					3,459	2,046	469	944		36,512	36,200	312	129,993	21
35	14,827	40	15,027	5	857	233,713	3,400	878	229,435		221,653	220,381	1,272	744,784	22
4	2,391	3	1,110			2,735	2,056		679		5,926	5,698	228	21,500	23
9	3,450					1,130	860	65	205		13,088	12,948	140	25,260	24
126	78,634					9,613	4,975	310	4,328		195,830	193,895	1,935	852,974	25
8	4,296			1	156	1,493	1,092		361	40	3,437	3,336	101	14,500	26
29	19,908	4	1,615	4	900	10,107	2,520	546	3,441	3,600	14,106	11,968	2,138	108,172	27
20	10,160					5,415	2,075	94	3,246		14,735	14,341	394	40,350	28
5	2,866					1,136	1,067		69		10,669	10,528	141	20,849	29
66	38,819	1	250			2,460	1,446	222	792		51,421	50,744	677	117,588	30
12	7,722					5,493	1,975	6	3,512		14,990	14,690	300	39,014	31
10	5,310					1,851	1,458	50	343		5,844	5,479	365	20,124	32
3,744	1,804,492	2,698	905,720	255	50,192	584,886	33,178	34,301	515,947	1,460	8,266,643	8,132,676	133,967	14,605,074	33

models and patterns, 1; monuments and tombstones, 2; paper hangings, 1; paving and paving materials, 1; photographic apparatus, 2; photographic materials, 1; ship and boat building, wooden, 1; silk and silk goods, 1; sugar and molasses, refining, 1; surgical appliances, 1; taxidermy, 1; window shades, 1; wood, turned and carved, 2; wool hats, 1.

TABLE 9.—MANUFACTURES IN CITIES AND

	Cities and villages.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
1	Total for cities and villages	7,705	$169,268,323	$12,261,730	$25,617,042	$40,509,865	$90,879,686	8,645	6,055	$6,067,874	93,987	$39,029,176
2	Albion	58	352,261	49,777	61,853	118,923	121,708	68	8	5,865	235	87,245
3	Athens	16	236,610	35,750	41,801	57,403	101,656	20	5	5,120	256	101,207
4	Baldwinsville	55	821,470	124,500	108,928	234,112	353,930	54	33	31,944	349	163,976
5	Ballston Spa	62	3,415,471	422,522	682,493	953,378	1,357,078	65	22	51,612	992	439,183
6	Batavia	126	3,532,968	81,700	409,182	546,197	2,495,889	133	192	168,354	1,773	753,494
7	Brockport	39	528,469	18,018	61,835	112,863	335,753	48	32	29,984	400	134,792
8	Canandaigua	86	1,338,169	56,839	222,728	266,266	792,336	97	52	55,524	579	254,701
9	Canastota	52	768,521	30,160	106,989	128,806	502,566	56	43	33,570	468	194,262
10	Catskill	75	1,579,609	212,808	464,000	452,068	450,733	88	44	43,831	903	376,644
11	Clyde	46	533,305	35,384	75,906	78,510	343,505	52	21	16,904	222	97,658
12	Corinth	23	71,930	13,200	15,300	23,545	19,885	28	2	550	67	22,411
13	Corning	138	2,212,109	144,665	380,640	368,123	1,318,681	154	135	154,442	1,965	870,770
14	Cortland	118	2,857,094	215,629	485,914	692,772	1,462,779	130	123	128,691	1,629	715,749
15	Coxsackie	36	499,385	37,205	74,810	164,530	222,840	40	21	20,320	353	170,684
16	Dansville	78	446,469	31,075	83,877	124,675	206,842	92	22	19,579	253	87,944
17	Dunkirk	86	4,226,495	118,581	583,905	1,033,976	2,490,033	89	122	121,655	2,615	1,374,017
18	Ellenville	59	353,768	14,875	64,733	105,209	168,951	77	5	3,856	248	88,338
19	Fairport	33	352,871	25,825	63,500	79,225	184,321	31	36	30,849	212	76,064
20	Fishkill Landing[1]	38	721,829	77,050	104,575	212,100	328,104	41	20	20,565	436	215,324
21	Fort Plain	44	457,257	36,678	75,215	181,265	164,099	42	14	10,570	321	105,825
22	Fredonia	41	514,975	26,100	45,100	49,622	394,153	50	45	41,668	210	68,363
23	Fulton	68	1,910,181	188,107	431,078	661,843	629,153	74	58	57,814	730	301,017
24	Geneva	161	2,617,661	155,192	319,361	571,820	1,571,288	169	138	155,489	1,586	689,101
25	Glens Falls	162	4,474,907	729,693	802,222	1,092,836	1,850,156	203	169	139,914	3,280	1,033,416
26	Gloversville	312	5,740,327	200,306	457,439	600,911	4,481,671	403	247	239,755	8,111	2,536,853
27	Green Island	46	2,472,997	71,223	257,390	413,174	1,731,210	50	65	84,224	933	470,980
28	Hadley	6	101,297	24,800	14,550	21,550	40,397	7	4	4,800	72	24,578
29	Haverstraw	110	1,306,235	186,445	225,403	368,572	525,815	131	20	15,753	1,174	510,864
30	Herkimer	73	1,836,979	142,728	281,719	449,158	963,374	79	49	81,664	1,344	515,627
31	Homer	36	495,611	14,625	61,100	62,869	357,017	42	10	5,930	280	108,274
32	Hoosick Falls	57	3,070,843	93,315	514,499	456,137	2,006,892	58	75	79,288	1,405	669,893
33	Hornellsville	154	1,952,072	225,218	298,855	445,669	982,330	187	129	103,688	1,757	680,974
34	Hudson	144	2,357,304	189,242	380,809	521,762	1,265,491	158	84	94,590	1,403	591,430
35	Ilion	47	2,172,209	68,151	256,582	534,710	1,312,766	57	58	60,826	1,946	1,185,975
36	Ithaca	194	2,998,057	311,578	601,701	622,656	1,462,122	231	133	98,377	1,286	631,984
37	Johnstown	214	3,695,819	184,160	331,475	702,520	2,477,664	293	130	119,696	3,884	1,248,587
38	Lansingburg	127	2,957,650	198,286	488,350	465,026	1,805,988	155	128	261,345	2,940	1,128,803
39	Leroy	62	1,955,988	257,090	588,486	326,308	784,104	59	158	101,176	430	158,232
40	Lestershire	40	1,577,367	30,200	57,315	216,810	1,273,042	39	53	29,266	1,891	712,333
41	Little Falls	124	4,020,573	327,074	668,016	971,879	2,053,604	147	106	120,499	3,112	1,125,777
42	Lockport	243	6,250,709	680,661	1,083,621	1,725,056	2,761,371	284	245	238,799	2,699	1,217,672
43	Lyons	80	713,840	53,125	114,200	167,481	379,034	93	62	27,807	288	119,395
44	Malone	116	593,853	55,885	87,675	151,117	299,176	136	26	19,114	508	201,364
45	Matteawan	43	1,119,745	29,257	204,537	161,250	724,701	42	40	97,449	785	322,633
46	Mechanicsville	66	2,652,410	130,907	973,757	877,923	669,823	80	32	74,356	1,150	505,732
47	Medina	54	786,744	117,925	125,207	165,846	377,766	63	41	39,661	568	217,835
48	Middletown	108	2,060,834	261,976	337,746	574,176	886,936	125	58	58,778	1,553	650,123
49	Mt. Morris	51	341,799	13,250	40,165	82,038	206,346	58	15	11,560	247	76,412
50	Newark	77	555,332	48,425	96,850	133,794	276,263	98	26	14,059	361	123,893
51	New Rochelle	131	3,837,269	168,240	303,949	2,927,628	437,452	140	54	38,422	715	457,658
52	Niagara Falls	265	14,821,819	666,242	1,625,888	3,228,136	9,301,553	255	398	420,499	3,518	1,690,195
53	North Tonawanda	75	5,026,841	495,688	774,006	1,010,867	2,746,280	73	139	149,761	1,718	786,639
54	Norwich	109	1,308,683	47,686	174,835	347,104	739,058	117	90	79,053	799	330,166
55	Nyack	88	796,587	77,975	116,792	232,069	369,751	92	61	50,857	719	364,533
56	Ogdensburg	197	1,855,116	180,050	224,818	475,965	974,283	207	96	72,244	1,052	404,955
57	Olean	152	5,915,740	243,244	609,007	1,412,506	3,650,983	167	152	132,928	2,011	935,932
58	Oneida	104	1,301,431	87,411	223,760	235,535	754,725	121	69	64,752	790	336,266
59	Oneonta	111	1,892,250	72,950	187,665	434,681	1,196,954	123	67	45,605	887	397,815
60	Ossining[2]	137	1,357,816	165,840	213,359	213,784	764,833	156	52	94,593	892	445,238
61	Owego	82	1,023,961	30,421	80,840	298,107	614,593	94	53	47,318	402	183,524
62	Peekskill	153	1,712,335	167,000	251,678	314,328	979,329	171	102	101,886	1,524	751,833
63	Penn Yan	84	822,142	59,090	133,035	233,348	396,669	103	65	40,939	382	129,889
64	Plattsburg	131	2,210,045	244,967	381,819	537,071	1,046,188	139	69	45,424	852	306,284
65	Port Chester	79	3,024,814	159,730	316,540	453,302	2,095,242	81	86	96,047	1,569	646,202
66	Port Jervis	83	654,472	53,850	133,234	228,945	238,443	87	44	30,748	977	392,054
67	Rensselaer	53	711,031	32,550	226,973	158,766	292,742	59	14	17,721	502	252,227
68	Rome	196	3,738,051	137,449	394,834	1,312,061	1,893,707	204	154	154,666	2,653	1,014,352
69	Salamanca	62	1,867,289	48,520	256,855	263,056	1,298,858	65	29	26,376	419	188,656
70	Sandy Hill	50	3,999,674	695,041	604,207	1,296,046	1,404,380	54	89	121,996	939	437,904
71	Saratoga Springs	170	1,863,526	70,800	134,972	448,764	1,208,990	176	179	130,235	939	369,876
72	Saugerties	117	1,202,299	148,731	82,925	286,380	684,263	146	50	60,436	580	264,614
73	Seneca Falls	65	2,422,256	157,464	578,173	505,368	1,181,251	62	119	112,001	1,365	611,630
74	Silver Creek	27	626,396	50,875	94,990	81,065	399,466	27	53	55,036	298	146,716
75	Solvay	8	214,116	7,200	34,800	130,979	41,137	7	9	5,235	99	59,153
76	South Glens Falls	7	316,085	6,000	3,500	12,100	294,485	9	3	6,000	144	63,402

[1] Given as Fishkill-on-Hudson in 1890.

[2] Given as Sing Sing in 1890.

VILLAGES UNDER 20,000 IN POPULATION: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
67,351	$32,614,993	25,328	$6,196,316	1,308	$217,867	$11,030,278	$1,035,257	$580,147	$8,707,180	$707,694	$99,268,539	$95,854,636	$3,413,903	$180,981,771	1
198	81,338	33	5,545	4	362	14,802	4,897	1,273	7,432	1,200	203,695	199,156	4,539	405,774	2
170	74,413	76	25,169	10	1,625	3,845	329	643	2,673	200	178,777	170,798	7,979	354,540	3
285	152,455	60	11,244	4	277	69,891	3,230	2,692	63,969	----------	628,762	619,306	9,456	1,085,262	4
973	434,980	17	3,753	2	450	87,250	2,976	10,687	73,587	----------	2,107,160	2,014,037	93,123	3,075,836	5
1,400	691,583	369	61,399	4	512	219,002	15,920	12,347	148,235	42,500	1,425,436	1,401,151	24,285	2,993,297	6
305	114,340	94	20,302	1	150	75,433	4,307	2,214	68,912	----------	480,284	475,518	4,766	816,208	7
532	242,050	46	12,555	1	96	267,964	8,700	5,722	253,542	----------	789,719	774,928	14,791	1,514,576	8
434	189,777	27	3,173	7	1,312	37,779	3,960	1,671	31,446	702	463,604	448,062	15,542	890,365	9
659	300,590	221	72,582	23	3,472	74,116	7,795	6,518	59,803	----------	495,860	430,224	65,636	1,196,543	10
161	88,598	48	6,950	13	2,110	22,441	5,205	1,722	15,504	10	352,998	336,208	16,790	557,169	11
33	15,425	30	6,752	4	234	3,225	1,332	412	1,481	----------	40,047	39,296	751	81,722	12
1,688	789,657	256	61,923	21	19,190	109,733	22,211	7,472	72,400	7,650	1,429,473	1,351,115	78,358	3,061,172	13
1,405	655,255	221	59,902	3	592	128,044	12,121	5,852	108,291	1,780	1,973,877	1,938,055	35,822	3,456,262	14
278	155,700	62	13,130	13	1,854	40,128	1,555	1,260	32,313	5,000	233,367	219,909	13,458	559,854	15
166	70,897	86	16,897	1	150	38,204	5,019	1,876	30,884	425	246,940	241,449	5,491	490,007	16
2,449	1,338,683	108	24,834	58	10,500	324,324	7,282	13,646	300,311	3,085	3,084,197	2,996,239	87,958	5,393,053	17
181	77,896	52	9,067	15	1,375	27,767	3,105	1,461	23,201	----------	211,167	205,911	5,256	413,078	18
133	56,386	79	19,678	-------	----------	14,599	1,882	1,463	11,254	----------	205,328	198,517	6,811	434,683	19
331	187,975	105	27,349	-------	----------	40,570	3,031	2,146	35,393	----------	361,909	352,730	9,179	681,038	20
166	68,155	146	36,434	9	1,236	19,889	4,809	1,609	13,471	----------	263,494	255,521	7,973	497,154	21
91	42,095	113	25,813	6	455	34,789	3,175	1,172	30,442	----------	217,440	214,056	3,384	462,455	22
671	288,535	58	12,382	1	100	118,084	8,594	9,477	99,593	420	905,316	875,349	29,967	1,607,954	23
1,258	634,390	308	52,432	20	2,279	235,472	15,462	11,435	207,968	607	1,913,634	1,869,435	44,199	3,366,806	24
1,683	687,456	1,574	342,665	23	3,295	290,980	31,093	34,386	191,151	34,350	2,230,408	2,102,290	128,118	4,571,253	25
3,565	1,608,170	4,498	921,648	48	7,035	271,152	55,510	11,593	202,834	1,215	5,518,391	5,446,736	71,655	9,647,167	26
788	421,353	139	48,643	6	984	105,568	9,043	1,387	94,164	974	1,029,273	999,070	30,203	1,992,098	27
72	24,578	-------	----------	-------	----------	1,527	50	404	1,073	----------	32,018	31,927	91	75,822	28
1,116	495,689	45	12,345	13	2,830	177,327	107,686	6,109	42,208	21,324	405,601	284,500	121,101	1,366,158	29
1,016	439,110	300	71,617	28	4,900	159,725	5,349	10,312	144,064	----------	940,818	915,953	24,865	2,053,605	30
214	93,144	66	15,130	-------	----------	16,750	2,214	1,184	13,277	75	275,992	270,801	5,191	622,890	31
1,001	549,310	402	120,352	2	231	200,366	5,790	17,190	177,137	249	1,031,421	982,314	49,107	2,734,861	32
1,308	573,075	436	105,748	13	2,151	174,055	15,271	7,285	121,997	29,502	1,515,287	1,483,087	32,200	2,873,670	33
911	463,360	462	123,884	30	4,186	365,163	13,110	11,174	327,129	13,750	1,495,636	1,465,481	30,155	3,096,759	34
1,838	1,150,365	100	34,373	8	1,237	230,485	6,752	14,799	208,534	400	564,422	543,351	21,071	2,944,655	35
1,116	584,977	169	46,787	1	220	149,945	29,773	6,362	73,200	40,610	1,114,845	1,064,927	49,918	2,535,151	36
1,977	913,650	1,877	330,536	30	4,401	300,845	27,013	11,348	186,072	76,412	3,130,043	3,078,047	51,996	5,480,072	37
913	503,057	1,968	618,211	59	7,535	340,563	22,365	13,311	299,337	5,550	1,598,204	1,569,315	28,889	3,778,277	38
334	134,937	94	23,023	2	272	262,162	6,490	5,367	249,105	1,200	497,716	465,939	31,777	1,137,210	39
1,321	549,467	520	150,866	50	12,000	115,039	17,748	3,325	86,667	7,299	2,941,777	2,927,932	13,845	3,964,112	40
1,607	751,948	1,385	355,752	120	18,077	298,162	17,875	15,829	264,388	70	2,361,593	2,325,941	35,652	4,364,994	41
2,178	1,101,323	504	113,822	17	2,527	398,660	34,726	19,325	337,702	6,907	3,327,109	3,216,866	110,243	5,887,905	42
254	111,071	33	8,167	1	157	45,061	4,974	3,748	36,304	35	546,390	536,689	9,701	881,939	43
381	171,945	125	29,211	2	208	32,610	9,110	3,385	19,665	450	581,929	574,431	7,498	985,797	44
580	270,827	161	45,114	44	6,692	77,365	9,265	4,581	63,519	----------	643,749	617,619	26,130	1,224,025	45
898	429,776	246	74,456	6	1,500	261,641	6,279	9,433	208,295	37,634	1,014,400	920,376	94,024	2,186,005	46
511	208,201	31	7,055	26	2,579	31,675	5,804	2,547	23,324	----------	510,854	489,969	20,885	1,032,632	47
1,159	570,001	376	78,691	18	1,431	97,252	17,051	9,730	60,971	9,500	1,443,489	1,406,519	36,970	2,426,001	48
148	60,241	82	14,121	17	2,050	25,711	4,417	1,166	19,125	1,003	313,038	308,996	4,042	510,129	49
248	100,637	101	20,896	12	2,360	51,418	5,184	1,972	42,739	1,523	517,257	509,334	7,923	900,974	50
676	447,378	35	9,584	4	696	118,898	19,556	8,708	68,079	22,555	838,829	827,093	11,736	1,811,332	51
2,951	1,558,157	557	130,202	10	1,836	862,125	57,898	37,858	699,955	66,414	5,511,437	5,095,037	416,400	9,909,228	52
1,591	763,785	118	21,269	9	1,585	282,107	10,913	18,871	250,153	2,170	4,321,875	3,827,752	494,123	6,415,836	53
604	281,314	191	48,182	4	670	115,134	11,225	2,685	69,970	31,254	801,821	781,123	20,698	1,556,696	54
553	317,708	157	44,489	9	2,336	85,233	14,520	2,565	39,232	28,916	661,966	649,312	12,654	1,321,237	55
756	333,863	280	69,718	16	1,374	103,096	16,208	7,333	75,075	4,480	1,661,759	1,643,184	18,575	2,668,952	56
1,914	914,076	62	15,358	35	6,498	274,447	11,345	26,191	227,669	9,242	5,009,818	4,877,311	132,507	6,624,390	57
618	293,489	166	42,093	6	684	149,576	11,350	4,752	118,224	15,250	842,851	828,889	13,962	1,613,572	58
727	362,406	142	33,557	18	1,852	118,861	13,322	1,672	59,007	44,860	1,308,549	1,299,040	9,509	2,118,452	59
752	407,728	140	37,510	-------	----------	166,229	11,480	4,771	143,075	6,903	884,942	864,785	20,157	2,068,458	60
374	178,157	22	4,353	6	1,014	38,602	6,936	2,727	28,939	----------	780,769	770,144	10,625	1,261,161	61
1,095	611,612	423	139,267	6	954	121,718	18,374	6,818	79,363	17,163	1,024,282	994,787	29,495	2,339,370	62
317	115,059	59	13,798	6	1,032	49,975	12,776	1,982	35,217	----------	542,395	523,586	18,809	915,542	63
564	249,948	282	55,631	6	705	102,839	13,272	6,009	79,453	4,105	716,467	703,675	12,792	1,455,150	64
905	475,351	628	164,765	36	6,086	64,231	12,431	5,123	46,677	----------	2,709,829	2,663,596	37,233	3,840,732	65
728	340,852	238	49,661	11	1,541	57,033	11,854	2,971	16,027	26,181	602,107	582,188	19,919	1,237,286	66
414	223,330	76	26,588	12	2,309	47,564	3,573	3,204	39,787	1,000	447,655	435,859	11,796	920,973	67
1,951	847,762	623	155,190	79	11,400	299,978	22,317	13,283	242,542	21,836	3,722,764	3,618,446	104,318	6,093,544	68
400	184,795	14	3,108	5	753	55,301	3,911	6,366	43,269	1,755	1,302,662	1,294,981	7,681	1,761,476	69
890	421,332	39	13,616	10	2,956	218,207	1,991	12,279	203,037	900	1,663,816	1,592,031	71,785	2,971,025	70
572	284,839	364	84,683	3	354	143,770	30,447	5,694	88,665	18,964	980,895	965,074	15,821	2,006,259	71
434	219,273	143	44,769	3	572	73,090	13,107	3,900	54,036	2,047	717,539	699,870	17,669	1,352,114	72
1,210	577,164	144	32,953	11	1,513	136,941	14,766	9,097	113,078	----------	840,702	816,837	23,865	1,992,115	73
288	143,942	10	2,774	-------	----------	53,930	1,416	2,467	50,047	----------	217,842	212,615	5,227	563,662	74
83	55,290	16	3,863	-------	----------	39,147	720	214	37,813	400	112,215	108,903	3,312	237,514	75
144	63,402	-------	----------	-------	----------	10,216	3,450	2,448	4,318	----------	169,537	169,308	229	267,077	76

TABLE 9.—MANUFACTURES IN CITIES AND

	Cities and villages.	Number of establishments.	Capital.					Proprietors and firm members.	Salaried officials, clerks, etc.		Average number of wage-earners and total wages.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
77	Tarrytown	77	$467,707	$62,650	$56,350	$197,219	$151,488	81	24	$12,656	375	$207,453
78	Tonawanda	60	1,540,789	108,798	126,559	175,329	1,130,103	60	42	43,517	398	158,851
79	Wappingers Falls	31	1,947,381	68,200	272,311	713,109	893,761	33	12	15,763	944	448,815
80	Warsaw	48	3,285,826	461,655	1,493,484	724,221	606,466	44	47	52,247	329	131,611
81	Waterford	58	2,593,021	136,800	289,037	810,572	1,356,612	68	62	88,527	1,921	773,786
82	Waterloo	36	1,644,687	72,160	227,347	232,385	1,112,795	39	33	48,998	736	305,648
83	Watervliet[1]	135	1,826,691	109,100	239,700	324,181	1,153,710	136	69	81,721	1,167	460,352
84	Waverly	90	477,724	41,005	81,893	124,064	230,762	98	37	17,905	295	112,332
85	Wellsville	64	1,344,438	90,800	219,550	286,077	748,011	85	21	19,743	351	131,835
86	Westfield	39	364,409	30,633	84,165	88,669	160,942	37	27	17,420	114	46,556
87	Whitehall	47	643,228	7,730	49,800	227,619	358,079	53	29	37,469	403	125,816

[1] Given as West Troy in 1890.

VILLAGES UNDER 20,000 IN POPULATION: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
298	$190,584	76	$16,669	1	$200	$35,930	$9,845	$1,460	$22,965	$1,660	$327,008	$319,444	$7,564	$719,020	77
366	154,005	8	2,290	24	2,556	40,382	3,557	2,456	16,844	17,525	1,227,349	1,223,472	3,877	1,676,280	78
781	413,274	119	28,241	44	7,300	23,858	1,574	8,331	13,953	----------	450,623	392,883	57,740	972,838	79
256	114,234	72	17,252	1	125	61,757	11,940	4,733	45,084	----------	296,820	208,855	87,965	631,627	80
865	404,115	988	356,405	68	13,266	152,450	5,503	6,108	140,229	610	1,544,719	1,515,648	29,071	2,966,060	81
508	233,495	212	69,828	16	2,325	141,272	3,149	7,263	130,860	----------	907,222	892,529	14,693	1,580,395	82
756	350,168	883	106,692	28	3,492	154,118	13,860	7,891	125,271	7,096	849,934	828,831	21,103	1,809,241	83
249	103,950	42	7,933	4	449	40,780	6,430	1,730	31,835	785	359,246	353,224	6,022	656,784	84
809	121,798	40	9,825	2	212	36,285	4,156	4,788	27,329	12	668,283	663,355	4,928	1,017,515	85
91	40,085	22	6,341	1	130	29,294	1,503	1,232	26,559	----------	136,444	133,843	2,601	326,918	86
257	98,432	128	25,481	18	1,903	37,346	7,743	2,145	27,458	----------	320,424	311,746	8,678	596,971	87

NORTH CAROLINA.

Table 1 shows the manufacturing and mechanical industries of the state of North Carolina as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	7,226	3,667	3,802	3,642	3,689	2,663	97.1	[1] 3.6	4.4	[1] 1.3	38.5
Capital	$76,503,894	$32,745,995	$13,045,639	$8,140,473	$9,693,703	$7,456,860	133.6	151.0	60.3	[1] 16.0	30.0
Salaried officials, clerks, etc., number	3,001	[2] 2,589	(3)	(3)	(3)	(3)	15.9	------	------	------	------
Salaries	$2,434,621	[2] $1,278,415	(3)	(3)	(3)	(3)	90.4	------	------	------	------
Wage-earners, average number	70,570	33,625	18,109	13,622	14,217	14,601	109.9	85.7	32.9	[1] 4.2	[1] 2.6
Total wages	$13,868,430	$6,552,121	$2,740,768	$2,195,711	$2,689,441	$2,383,456	111.7	139.1	24.8	[1] 18.4	12.8
Men, 16 years and over	44,549	22,665	12,818	11,339	12,102	12,473	96.6	76.8	13.0	[1] 6.3	[1] 3.0
Wages	$10,477,765	$5,260,422	(3)	(3)	(3)	(3)	99.2	------	------	------	------
Women, 16 years and over	15,644	6,227	2,939	1,422	2,115	2,128	151.2	111.9	106.7	[1] 32.8	[1] 0.6
Wages	$2,394,417	$908,857	(3)	(3)	(3)	(3)	163.5	------	------	------	------
Children, under 16 years	10,377	4,733	2,352	861	(3)	(3)	119.2	101.2	173.2	------	------
Wages	$996,248	$382,842	(3)	(3)	(3)	(3)	160.2	------	------	------	------
Miscellaneous expenses	$9,118,637	$3,329,101	(4)	(4)	(4)	(4)	173.9	------	------	------	------
Cost of materials used	$53,072,388	$22,789,187	$13,090,937	$12,824,693	$10,203,228	$4,602,501	132.9	74.1	2.1	25.7	121.7
Value of products, including custom work and repairing	$94,919,663	$40,375,450	$20,095,037	$19,021,327	$16,678,698	$9,111,050	135.1	100.9	5.6	14.0	83.1
Total population	1,893,810	1,617,947	1,399,750	1,071,361	992,622	869,039	17.1	15.6	30.7	7.9	14.2
Wage-earners engaged in manufactures	70,570	33,625	18,109	13,622	14,217	14,601	109.9	85.7	32.9	[1] 4.2	[1] 2.6
Per cent of total population	3.7	2.1	1.3	1.3	1.4	1.7	------	------	------	------	------
Assessed value of real estate	[5] $165,968,278	$142,068,932	$101,709,326	$83,322,012	$116,366,573	$71,702,740	16.8	39.7	22.1	[1] 28.4	62.3
Value of land and buildings invested in manufactures [6]	$19,291,964	$8,663,264	(3)	(3)	(3)	(3)	122.7	------	------	------	------
Per cent of assessed value	11.6	6.1	------	------	------	------	------	------	------	------	------

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[3] Not reported separately.
[4] Not reported.
[5] As given for the year 1900 in Dana's supplement, "State and City," to the Commercial and Financial Chronicle, under date of April 13, 1901.
[6] Does not include value of rented property.

Although North Carolina is an agricultural state, Table 1 shows that there has been a large growth in its manufacturing and mechanical industries during the half century. The population during these years increased from 869,039 to 1,893,810, or 117.9 per cent, while the average number of wage-earners employed in manufacturing establishments increased from 14,601 to 70,570, or 383.3 per cent, embracing, in 1900, 3.7 per cent of the entire population, compared with 1.7 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 93,325, or 4.9 per cent of the total population of the state. Both the greatest percentage of increase and the greatest absolute increase in the value of products are shown for the decade ending with 1900.

North Carolina has waterpower estimated at 3,500,000 horsepower, of which, at present, only 639,000 is available, according to a calculation by the late W. C. Kerr, state geologist. When the electrical transmission of energy becomes more general in the state, a much greater proportion of this power can be profitably applied to manufactures. Table 1 shows that during the last decade the number of men among the wage-earners increased 96.6 per cent, while the number of women increased 151.2 per cent, and the number of children, 119.2 per cent. Steps have already been taken to check the increase of child labor shown by these figures. In the absence of legislation, nearly all the mill owners have agreed to discontinue the employment of children under 12 years of age.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for educational, eleemosynary, and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	12,210	$78,290,034	13,988	74,976	$13,974,225	$9,175,717	$53,530,990	$30,479,165	$20,647,961	$2,403,864	$96,130,049
Hand trades[1]	1,023	908,504	1,160	2,219	687,000	104,389	1,542,972	1,993	1,493,595	47,384	3,153,280
Educational, eleemosynary, and penal institutions	13	71,127	1	64	8,037	1,820	91,136	7,345	75,157	8,634	173,496
Establishments with a product of less than $500	4,971	1,715,013	5,514	4,312	97,758	55,260	367,466	139,170	228,296		1,036,890
All other establishments	6,203	75,595,390	7,313	68,351	13,181,430	9,014,248	51,529,416	30,330,657	18,850,913	2,347,846	91,766,383

[1] Includes bicycle and tricycle repairing, 40; blacksmithing and wheelwrighting, 396; boots and shoes, custom work and repairing, 93; carpentering, 68; clothing, men's, custom work and repairing, 54; clothing, women's, dressmaking, 22; dyeing and cleaning, 9; furniture, cabinetmaking, repairing, and upholstering, 33; lock and gun smithing, 8; masonry, brick and stone, 13; millinery, custom work, 139; painting, house, sign, etc., 26; paper hanging, 2; plastering and stuccowork, 1; plumbing, and gas and steam fitting, 33; sewing machine repairing, 5; taxidermy, 1; watch, clock, and jewelry repairing, 80.

Of the 12,210 establishments of all classes shown in this table, 5,994, or 49.1 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $4,190,170, or only 4.4 per cent of the total value of the products of the state.

In addition to the 12,210 active establishments in the state during the census year, with a capital of $78,290,034, shown in Table 2, there were 174 idle establishments, with a capital of $762,243, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Brick and tile	28	$71,005	Kaolin and other earth grinding	2	$32,500
Chemicals	1	42,000	Leather, tanned, curried, and finished	4	38,810
Cotton, ginning	40	27,375	Lumber and timber products	34	162,182
Flouring and grist mill products	12	14,332	Rice, cleaning and polishing	2	66,000
Furniture, factory product	2	16,800	Tobacco, chewing, smoking, and snuff	4	126,075
Hosiery and knit goods	3	84,900	Woodenware, not elsewhere specified	1	52,300
Iron and steel	1	11,000	All other industries	40	16,964

TABLE 3.—COMPARATIVE SUMMARY OF TEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	4,071	$65,067,116	55,642	$10,406,314	$8,020,076	$44,333,174	$77,351,282
	1890	2,068	25,055,097	24,045	4,318,600	2,288,972	17,474,311	28,707,151
Increase, 1890 to 1900		2,003	40,012,019	31,597	6,087,714	5,731,104	26,858,863	48,644,131
Per cent of increase		96.9	159.7	131.4	141.0	250.4	153.7	169.4
Per cent of total of all industries in state	1900	56.3	85.1	78.8	75.0	88.0	83.5	81.5
	1890	56.4	76.5	71.5	65.9	68.8	76.7	71.1
Cars and general shop construction and repairs by steam railroad companies.	1900	12	539,513	1,141	550,504	29,259	893,150	1,511,376
	1890	9	210,458	434	186,262		200,335	393,576
Cotton goods	1900	177	33,011,516	30,273	5,127,087	1,030,918	17,386,624	28,372,798
	1890	91	10,775,134	8,515	1,475,932	423,324	6,239,902	9,563,443
Fertilizers	1900	18	2,818,921	427	109,192	108,209	1,044,267	1,497,625
	1890	12	1,513,142	343	89,860	89,316	656,769	994,135
Flouring and grist mill products	1900	1,773	2,905,310	1,019	213,627	65,395	7,218,904	8,867,462
	1890	1,039	2,334,130	1,124	205,946	67,793	4,379,218	5,279,068
Furniture, factory product	1900	44	1,023,374	1,759	333,729	51,921	725,069	1,547,305
	[1] 1890	6	126,350	152	38,647	2,754	58,808	159,000
Leather, tanned, curried, and finished	1900	75	1,299,798	366	105,132	32,685	1,129,402	1,502,378
	1890	55	116,364	107	24,188	3,913	115,507	190,887
Lumber and timber products	1900	1,770	13,385,097	11,751	2,491,089	321,018	7,743,235	14,862,593
	1890	713	5,376,807	6,466	1,202,994	232,088	3,038,960	5,898,742
Lumber, planing mill products, including sash, doors, and blinds	1900	101	1,366,823	1,939	473,589	78,377	1,801,478	2,892,058
	1890	42	488,770	584	195,070	26,284	515,213	915,070
Oil, cottonseed and cake	1900	21	1,841,856	564	133,195	110,161	2,160,996	2,676,871
	1890	11	743,675	318	56,596	31,877	402,199	529,746
Tobacco, chewing, smoking, and snuff	1900	80	6,874,908	6,403	869,170	6,192,103	4,230,049	13,620,816
	1890	90	3,370,267	6,002	843,105	1,411,623	1,867,400	4,783,481

[1] Exclusive of 1 establishment for the manufacture of "furniture, chairs," for which no figures are available, as the statistics were included in "all other industries."

The 10 leading industries of the state in 1900, as shown by Table 3, embraced 4,071 establishments, or 56.3 per cent of the total number in the state; used a capital of $65,067,116, or 85.1 per cent of the total; gave employment to 55,642 wage-earners, or 78.8 per cent of the total number; and paid $10,406,314, or 75 per cent of the total wages. The value of their products was $77,351,282, or 81.5 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

Table 3 shows that the manufacture of cotton goods is the most important industry in the state. The 177 establishments reported in 1900 gave employment to 30,273 wage-earners, or 42.9 per cent of the wage-earners employed in the state, and the products were valued at $28,372,798, or 29.9 per cent of the total value of the products of the state. In 1890 there were 91 establishments, 8,515 wage-earners, and products valued at $9,563,443. The increase in the value of products during the decade was $18,809,355, or 196.7 per cent.

The growth of the manufacture of cotton goods has been steady since 1850. The period both of greatest absolute increase and of greatest percentage of increase in the value of products was during the decade ending with 1900. In 1890 the state was tenth in rank in this manufacture in the United States; it is now third, Massachusetts being first and South Carolina second. In 1890 among Southern states it ranked third; it is now second, South Carolina preceding it, and Georgia taking third place. Although second in value of products, it is first in number of establishments, in average number of employees, and in total wages paid. The amount of cotton consumed yearly by the spindles now running is nearly equivalent to the annual cotton crop of the state, which in 1899 was 473,155 commercial bales.

The manufacture of lumber and timber products ranks second among the industries of the state, with 1,770 establishments, 11,751 wage-earners, and products valued at $14,862,593. In 1890 there were 713 establishments, 6,466 wage-earners, and products valued at $5,898,742. The increase in the value of products during the decade was $8,963,851, or 152 per cent. The growth of this industry during the last two decades has been remarkable.

There were 80 establishments engaged in 1900 in the manufacture of chewing and smoking tobacco and snuff, the industry third in rank, with 6,403 wage-earners, and products valued at $13,620,816. In 1890 there were 90 establishments, 6,002 wage-earners, and products valued at $4,783,484. The increase in the value of products during the decade was $8,837,332, or 184.7 per cent. Tobacco has been for years one of North Carolina's best-known products, certain brands of its smoking tobacco and cigarettes having both a national and foreign reputation.

There were 1,773 establishments engaged in the manufacture of flouring and grist mill products in 1900, with 1,019 wage-earners, and products valued at $8,867,462. In 1890 there were 1,039 establishments, 1,124 wage-earners, and products valued at $5,279,068. The increase in the value of products during the decade was $3,588,394, or 68 per cent.

There were 101 establishments engaged in the manufacture of planing mill products in 1900, with 1,939 wage-earners, and products valued at $2,892,058. In 1890 there were 42 establishments, 584 wage-earners, and products valued at $915,070. The increase in the value of products during the decade was $1,976,988, or 216 per cent.

There were 21 establishments engaged in the manufacture of cottonseed oil and cake in 1900, with 564 wage-earners, and products valued at $2,676,871. In 1890 there were 11 establishments, 318 wage-earners, and products valued at $529,746. The increase in the value of products during the decade was $2,147,125, or 405.3 per cent.

There were 44 establishments engaged in the manufacture of furniture in 1900, with 1,759 wage-earners, and products valued at $1,547,305. In 1890 there were 6 establishments, 152 wage-earners, and products valued at $159,000. The increase in the value of products during the decade was $1,388,305, or 873.1 per cent. The little town of High Point, the center of this new development, is already noted for its manufacture of furniture.

There were 12 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 1,141 wage-earners, and products valued at $1,511,376. In 1890 there were 9 establishments, 434 wage-earners, and products valued at $393,576. The increase in the value of products during the decade was $1,117,800, or 284 per cent.

There were 75 establishments engaged in the tanning, currying, and finishing of leather in 1900, with 366 wage-earners, and products valued at $1,502,378. In 1890 there were 55 establishments, 107 wage-earners, and products valued at $190,887. The increase in the value of products during the decade was $1,311,491, or 687.1 per cent.

There were 18 establishments engaged in the manufacture of fertilizers in 1900, with 427 wage-earners, and products valued at $1,497,625. In 1890 there were 12 establishments, 343 wage-earners, and products valued at $994,135. The increase in the value of products during the decade was $503,490, or 50.6 per cent. Nearly all the phosphate rock used as a basis for fertilizer manufacture is brought into the state from Tennessee, South Carolina, and Florida. Some years ago much of this rock was mined in North Carolina, and large deposits still exist in the state, but imbedded in them are small white pebbles which, crushed with the phosphate rock, lower the grade of the fertilizer. No plan for separating them has yet been devised. Much of the cottonseed meal produced in the state is used as a source of ammonia in the manufacture of fertilizers. Slaughterhouse material, brought from Chicago and Omaha, is employed for the same purpose. The potash used is imported from Germany.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the city of Wilmington, as returned at the censuses of 1890 and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, WILMINGTON, 1890 AND 1900, WITH PER CENT OF INCREASE.

	DATE OF CENSUS.		Per cent of increase, 1890 to 1900.
	1900	1890	
Number of establishments	131	121	8.3
Capital	$2,968,199	$1,752,667	69.4
Wage-earners, average number	1,850	1,358	36.2
Total wages	$568,250	$460,608	23.4
Miscellaneous expenses	$158,723	$105,571	50.3
Cost of materials used	$1,734,054	$1,014,384	70.9
Value of products, including custom work and repairing	$2,960,028	$1,904,147	55.5

It appears from Table 4 that there has been an increase during the past decade in the manufactures of this city. The number of establishments increased from 121 to 131, or 8.3 per cent; the average number of wage-earners from 1,358 to 1,850, or 36.2 per cent; and the value of products from $1,904,147 to $2,960,028, or 55.5 per cent. The number of establishments, number of wage-earners, and value of products, in this city in 1900, constituted 1.8, 2.6, and 3.1 per cent, respectively, of the totals for the entire state.

Table 5 presents the totals for the manufacturing industries of the 15 cities and towns withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and towns, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	PRODUCTS.			POPULATION.		
				Average number.	Total wages.			Value.	Rank.	Per cent of total.	Total.	Rank.	Per cent of total.
Total for state	7,226	$76,503,894	8,473	70,570	$13,868,430	$9,118,637	$53,072,388	$94,919,663	-------	100.0	1,893,810	-------	100.0
Total for urban manufactures	1,086	26,431,260	1,080	23,571	5,073,540	6,731,332	18,215,542	36,806,902	-------	38.8	139,017	-------	7.3
Asheville	135	1,405,923	148	1,136	354,511	59,362	1,065,023	1,866,109	8	2.0	14,694	3	0.8
Charlotte	112	4,102,342	101	2,988	699,846	218,221	2,892,587	4,702,301	3	5.0	18,091	2	1.0
Concord	32	2,040,351	25	1,953	410,215	61,304	1,162,109	1,981,411	7	2.1	7,910	8	0.4
Durham	82	1,727,205	87	2,787	535,289	2,367,522	2,502,449	7,084,540	1	7.5	6,679	9	0.4
Fayetteville	46	446,970	39	461	81,424	15,737	316,680	570,127	15	0.6	4,670	12	0.2
Goldsboro	46	620,932	44	507	123,899	26,336	677,409	1,086,834	13	1.1	5,877	11	0.3
Greensboro	79	1,711,629	72	1,587	295,820	152,048	1,015,571	1,790,523	9	1.9	10,035	5	0.5
High Point	47	834,673	37	1,116	205,009	72,386	617,434	1,178,715	12	1.2	4,163	13	0.2
Newbern	81	1,027,885	86	1,162	284,952	39,476	1,069,070	1,704,251	10	1.8	9,090	7	0.5
Raleigh	135	1,611,089	136	1,358	441,038	107,133	1,203,099	2,204,056	5	2.3	13,643	4	0.7
Reidsville	37	851,705	45	888	169,545	298,043	563,307	1,234,783	11	1.3	3,262	15	0.2
Salem	34	1,375,661	42	1,506	270,027	715,301	854,716	2,067,240	6	2.2	3,642	14	0.2
Salisbury	43	906,275	40	852	172,501	28,481	559,070	939,954	14	1.0	6,277	10	0.3
Wilmington	131	2,968,199	131	1,850	568,250	158,723	1,734,054	2,960,028	4	3.1	20,976	1	1.1
Winston	46	4,800,421	47	3,420	461,214	2,411,259	1,982,964	5,436,030	2	5.7	10,008	6	0.5
Total for state exclusive of urban manufactures	6,140	50,072,634	7,393	46,999	8,794,890	2,387,305	34,856,846	58,112,761	-------	61.2	1,754,793	-------	92.7
Per cent of urban manufactures to total for state	15.0	34.5	12.7	33.4	36.6	73.8	34.3	38.8	-------	-------	7.3	-------	-------

Of the 7,226 establishments in the state, 1,086, or 15 per cent, were located in these 15 cities and towns. The capital reported for these establishments was $26,431,260, or 34.5 per cent of that for the entire state. They furnished employment to 23,571 wage-earners, or 33.4 per cent of the total number, and the value of their products, $36,806,902, formed 38.8 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the city of Wilmington by specified industries.

Table 9 shows the totals for all industries in the cities and towns withdrawn from the enumerators, exclusive of the city of Wilmington.

TABLE 6.—MANUFACTURES

	COUNTIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	7,226	$76,503,894	$8,135,807	$11,156,157	$28,531,456	$28,680,474	8,473	3,001	$2,434,621	70,570	$13,868,430
2	Alamance	134	3,717,762	143,019	925,823	1,478,711	1,170,209	150	105	77,004	3,829	717,124
3	Alexander	66	167,371	15,320	15,825	108,057	28,169	100	6	1,440	192	25,425
4	Alleghany	40	47,546	4,370	10,720	22,196	10,260	54	------	------	26	4,317
5	Anson	69	315,549	19,662	31,124	139,594	125,169	83	14	5,817	359	44,586
6	Ashe	64	63,157	9,450	13,535	36,155	4,017	82	3	450	34	6,118
7	Beaufort	58	571,101	104,213	62,250	251,841	152,797	62	44	33,010	650	199,486
8	Bertie	31	126,764	16,554	9,815	34,175	66,220	41	1	600	133	31,600
9	Bladen	64	127,940	40,451	9,172	54,872	23,445	79	2	1,100	162	38,759
10	Brunswick	33	1,111,460	33,344	155,952	70,691	851,473	35	7	6,994	241	52,452
11	Buncombe	208	1,579,162	228,515	212,076	459,263	679,308	229	78	52,849	1,369	416,191
12	Burke	80	442,682	35,311	70,896	119,682	216,793	94	11	7,159	310	64,071
13	Cabarrus	85	2,182,378	56,822	394,404	1,199,499	531,653	106	44	37,174	2,133	437,348
14	Caldwell	100	1,073,475	520,764	86,707	274,510	191,494	130	16	13,438	451	87,120
15	Camden	8	28,322	10,090	1,600	11,675	4,957	9	------	------	19	2,682
16	Carteret	16	72,015	1,995	9,975	38,295	21,750	22	3	1,500	191	28,809
17	Caswell	23	39,784	4,410	6,745	10,920	17,709	23	4	1,500	46	6,499
18	Catawba	105	1,300,258	45,140	134,320	544,504	576,294	149	38	24,780	1,182	206,814
19	Chatham	78	270,787	31,407	44,685	110,780	83,915	106	11	5,062	355	54,219
20	Cherokee	33	84,394	17,474	5,960	50,120	10,840	34	7	5,500	43	11,101
21	Chowan	26	858,055	224,590	54,320	415,070	164,075	29	9	9,000	262	80,476
22	Clay	24	14,000	1,950	2,940	8,265	845	27	1	156	11	1,776
23	Cleveland	114	1,030,462	46,949	162,191	470,138	351,184	154	37	18,750	761	119,674
24	Columbus	69	1,164,876	236,362	89,761	285,983	552,770	77	32	42,116	489	111,760
25	Craven	116	1,564,294	434,761	171,974	505,335	452,224	123	67	51,902	1,653	388,635
26	Cumberland	144	2,058,064	191,675	355,095	990,796	520,498	144	58	44,132	1,628	304,565
27	Currituck	9	21,240	2,455	3,480	10,875	4,430	10	1	500	23	2,765
28	Dare	8	25,950	3,605	2,800	14,385	5,160	8	5	4,800	32	5,300
29	Davidson	99	609,277	19,548	76,045	208,919	304,765	136	34	12,541	879	158,779
30	Davie	44	106,005	9,295	22,020	49,810	24,880	57	5	980	164	34,102
31	Duplin	60	204,304	10,015	47,325	114,742	32,222	75	5	700	248	32,768
32	Durham	114	3,015,298	162,346	461,082	1,331,053	1,060,817	126	170	278,994	4,144	805,173
33	Edgecombe	57	776,888	49,961	155,330	332,362	239,235	56	45	28,075	965	185,925
34	Forsyth	165	6,574,718	273,485	665,192	847,027	4,789,014	215	333	345,304	5,410	811,398
35	Franklin	75	247,438	42,823	43,260	128,200	33,155	98	8	5,313	334	45,070
36	Gaston	96	4,035,958	244,435	551,919	2,138,886	1,100,718	104	86	71,256	3,966	731,486
37	Gates	23	41,020	11,750	4,630	16,110	8,530	27	2	1,300	79	16,245
38	Graham	9	22,243	2,490	750	3,303	15,700	9	------	------	10	2,400
39	Granville	76	155,929	21,012	14,580	54,639	65,698	93	3	2,400	153	28,650
40	Greene	45	61,805	21,740	7,735	27,660	4,670	52	1	150	65	10,467
41	Guilford	193	3,092,848	221,427	682,122	957,581	1,231,718	191	156	116,327	3,262	594,793
42	Halifax	75	1,279,288	162,725	255,522	468,260	392,781	71	81	76,704	1,478	288,892
43	Harnett	58	125,230	26,356	15,519	47,395	35,960	75	8	3,260	227	38,425
44	Haywood	52	343,295	94,780	40,770	58,165	149,580	56	13	14,759	152	31,475
45	Henderson	75	94,314	13,970	19,610	41,919	18,815	85	9	4,160	192	35,698
46	Hertford	30	54,385	10,780	8,600	24,545	10,460	35	3	1,235	94	24,031
47	Hyde	19	578,353	362,180	21,528	84,202	110,443	20	3	3,300	234	49,900
48	Iredell	134	669,500	36,999	103,155	264,887	264,459	187	18	8,944	861	130,312
49	Jackson	60	272,539	125,320	9,840	57,392	79,987	61	9	7,370	218	41,828
50	Johnston	101	225,371	57,839	30,164	90,602	46,766	124	14	8,730	349	54,628
51	Jones	15	22,447	3,247	3,900	13,550	1,750	18	------	------	27	6,005
52	Lenoir	68	562,982	136,071	79,667	237,869	109,375	73	25	15,960	569	129,353
53	Lincoln	67	1,014,869	57,580	138,797	525,370	293,122	89	20	14,279	790	130,566
54	McDowell	75	143,339	26,405	17,535	59,602	39,797	81	9	2,865	251	49,091
55	Macon	57	46,296	7,923	9,843	20,405	8,125	56	1	300	49	8,214
56	Madison	83	568,955	44,071	24,206	61,696	438,982	98	6	2,450	187	56,418
57	Martin	28	128,247	18,232	24,025	54,355	31,635	31	12	10,400	180	44,245
58	Mecklenburg	181	5,108,591	227,995	632,922	2,083,868	2,163,806	169	235	209,821	3,988	874,214
59	Mitchell	79	348,355	53,532	50,150	91,763	152,910	93	3	2,368	122	31,521
60	Montgomery	112	558,728	99,387	68,040	221,889	169,412	137	50	22,778	875	154,733
61	Moore	158	708,252	96,557	81,153	235,431	295,111	176	43	28,205	819	162,234
62	Nash	70	937,736	96,245	126,650	388,632	326,209	88	14	10,326	524	86,794
63	New Hanover	135	2,997,332	739,593	474,724	819,817	963,198	137	122	104,038	1,869	573,835
64	Northampton	65	257,729	129,014	16,985	83,055	28,675	83	5	1,360	324	60,505
65	Onslow	36	64,006	20,305	9,140	24,530	10,031	42	6	2,250	85	18,499
66	Orange	53	383,093	27,168	92,181	208,040	55,704	63	9	5,296	237	42,406
67	Pamlico	24	101,815	6,815	6,450	23,765	64,785	34	8	2,678	158	34,085
68	Pasquotank	32	482,690	64,395	62,190	222,035	134,070	42	34	30,342	523	117,835
69	Pender	26	54,036	8,857	4,843	19,214	21,122	31	1	420	62	11,788
70	Perquimans	16	298,875	152,655	13,130	92,270	40,820	22	6	4,230	146	40,121
71	Person	59	212,826	51,213	30,985	96,940	33,688	73	5	1,375	177	25,431
72	Pitt	94	336,697	74,462	35,620	92,420	134,195	126	18	8,242	585	91,899
73	Polk	20	47,290	6,250	6,590	27,125	7,325	20	1	1,200	91	13,807
74	Randolph	134	1,752,824	163,469	372,266	804,314	412,775	146	79	47,551	2,035	316,986
75	Richmond	55	1,542,044	101,792	332,715	656,526	451,011	50	48	35,927	1,338	246,482
76	Robeson	171	566,860	121,105	46,770	278,303	120,682	204	27	12,582	679	131,768

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
44,549	$10,477,765	15,644	$2,394,417	10,377	$996,248	$9,118,637	$222,439	$369,933	$8,414,187	$112,078	$53,072,388	$51,667,271	$1,405,117	$94,919,663	1
2,063	470,775	1,184	185,022	582	61,327	182,160	1,302	19,221	151,290	10,347	2,177,681	2,107,196	70,485	3,738,159	2
135	19,275	36	4,750	21	1,400	7,546	250	601	6,695	------	179,451	178,396	1,055	270,025	3
24	4,161	------	------	2	156	621	29	281	301	10	69,707	69,514	193	102,200	4
135	25,532	118	13,811	106	5,248	11,833	3,089	893	7,851	------	171,671	165,381	6,290	302,671	5
34	6,118	------	------	------	------	877	25	251	601	------	94,816	94,284	532	136,131	6
635	197,896	------	------	15	1,590	25,695	1,223	7,648	16,824	------	593,893	588,905	4,988	1,031,281	7
132	31,470	------	------	1	130	4,973	348	740	3,879	5	71,560	71,208	352	150,873	8
162	38,759	------	------	------	------	1,761	356	519	886	------	143,748	142,239	1,509	274,310	9
239	52,353	------	------	2	99	20,946	203	5,453	15,290	------	353,913	346,230	7,683	457,258	10
1,068	361,582	219	35,836	82	18,773	69,435	22,198	8,498	38,474	265	1,258,157	1,225,047	33,110	2,210,315	11
248	56,172	30	4,680	32	3,219	10,424	232	2,028	8,150	14	670,354	664,970	5,384	907,172	12
1,193	281,022	519	107,113	421	49,213	65,811	4,189	10,361	51,261	------	1,308,971	1,209,073	99,898	2,231,581	13
332	66,170	110	20,345	9	605	11,417	719	2,925	7,767	6	414,553	412,170	2,383	682,513	14
19	2,682	------	------	------	------	251	90	106	55	------	9,394	9,275	119	18,998	15
101	19,434	71	7,405	19	1,970	3,608	258	1,384	1,966	------	123,965	120,925	3,040	180,036	16
35	5,639	6	460	5	400	22,504	40	255	22,209	------	44,984	44,346	638	85,474	17
620	146,210	249	36,342	313	24,262	63,990	1,302	4,739	57,744	205	1,033,742	1,003,758	29,984	1,578,711	18
189	38,414	49	6,720	117	9,085	14,501	431	1,604	12,466	------	299,550	295,049	4,501	463,384	19
43	11,101	------	------	------	------	1,198	520	382	296	------	64,484	63,464	1,020	110,852	20
245	77,876	4	400	13	2,200	34,552	722	2,571	31,259	------	364,034	362,854	1,180	599,424	21
11	1,776	------	------	------	------	203	------	57	108	38	24,370	24,190	180	37,010	22
391	80,096	178	25,909	192	13,669	30,670	1,073	4,186	25,351	60	671,238	656,072	15,166	1,026,431	23
483	111,222	2	160	4	378	36,119	435	6,380	29,304	------	380,283	373,875	6,408	893,369	24
1,508	372,560	104	12,563	41	3,512	51,833	6,925	7,182	37,726	------	1,438,558	1,427,170	11,388	2,334,457	25
933	211,430	446	68,978	249	24,157	58,082	2,569	6,035	47,741	1,737	964,881	936,247	28,634	1,660,375	26
23	2,765	------	------	------	------	657	------	128	529	------	12,832	12,499	333	23,317	27
32	5,300	------	------	------	------	418	------	301	117	------	19,613	18,873	740	42,657	28
487	112,523	212	32,656	180	13,600	74,281	849	2,895	70,407	130	624,278	601,672	22,606	1,046,589	29
145	32,723	8	741	11	638	15,669	260	928	14,331	150	130,549	126,214	4,335	245,381	30
137	20,542	66	9,990	45	2,236	5,498	197	514	4,787	------	94,816	94,093	723	180,384	31
1,913	494,466	1,656	256,010	575	54,697	2,444,270	9,745	18,824	2,415,701	------	3,316,848	3,240,633	76,215	8,443,912	32
563	149,512	187	24,400	215	12,013	26,912	3,346	4,542	19,024	------	765,662	743,642	22,020	1,163,129	33
2,977	544,343	1,321	189,517	1,112	77,538	3,202,662	12,153	34,978	3,144,671	10,860	3,166,888	3,087,995	78,893	8,156,895	34
189	28,341	73	8,872	72	7,857	8,045	412	2,126	5,507	------	273,880	262,032	11,848	383,837	35
1,904	429,861	1,186	198,266	876	103,359	93,214	890	14,894	73,630	3,800	2,331,714	2,221,404	110,310	3,947,200	36
79	16,245	------	------	------	------	1,321	887	182	252	------	47,550	47,342	208	84,028	37
10	2,400	------	------	------	------	110	------	49	61	------	13,223	13,218	5	18,980	38
146	27,538	6	1,056	1	56	12,414	2,300	747	9,139	228	149,027	146,637	2,390	254,414	39
64	10,412	------	------	1	55	3,136	222	558	2,356	------	40,193	39,195	998	82,004	40
2,263	477,648	550	77,606	449	39,539	244,079	11,238	14,850	213,481	4,510	2,116,599	2,018,839	97,760	3,691,216	41
1,009	236,757	280	41,181	189	10,954	75,956	3,421	4,020	68,515	------	695,261	687,012	8,249	1,391,773	42
217	37,146	2	425	8	854	10,480	1,012	494	8,974	------	124,823	121,978	2,845	230,710	43
149	31,100	1	175	2	200	4,132	235	1,200	2,697	------	204,974	204,558	416	331,423	44
136	28,402	40	5,930	16	1,366	6,474	888	682	4,850	54	111,013	106,799	4,214	192,394	45
91	23,872	------	------	3	159	2,207	411	295	844	657	63,969	63,326	643	118,733	46
224	48,700	10	1,200	------	------	25,739	7,850	1,626	16,238	25	108,283	108,111	172	211,322	47
503	99,153	192	24,870	166	6,289	152,944	2,967	4,583	144,651	743	609,761	588,465	21,296	1,131,721	48
217	41,678	1	150	------	------	2,486	445	847	1,194	------	148,869	144,607	4,262	280,037	49
335	53,320	3	372	11	936	9,371	1,157	1,427	6,677	110	297,474	289,850	7,624	477,226	50
27	6,005	------	------	------	------	1,110	780	190	140	------	26,883	26,532	351	48,210	51
372	101,117	111	20,350	86	7,886	19,564	2,280	2,101	15,173	10	409,887	405,369	4,518	692,535	52
316	71,227	246	38,137	228	21,202	18,684	269	3,078	12,336	3,001	585,832	574,280	11,552	937,758	53
226	46,267	------	------	25	2,824	20,349	1,984	759	17,556	50	195,906	192,336	3,570	354,321	54
44	7,838	------	------	5	376	939	324	300	315	------	69,355	68,579	776	98,863	55
184	56,106	------	------	3	312	2,120	580	638	877	25	260,424	260,264	160	425,887	56
162	42,211	3	600	15	1,434	4,125	217	1,013	2,745	150	140,001	139,706	295	270,888	57
2,210	631,818	1,102	174,882	676	67,514	239,215	17,997	25,790	191,514	3,914	3,504,674	3,364,450	140,224	5,736,059	58
120	31,136	1	300	1	85	1,593	293	455	845	------	258,332	248,047	10,285	393,470	59
763	143,427	46	5,484	66	5,822	18,526	1,879	2,377	14,239	31	560,819	556,464	4,355	1,039,277	60
680	148,285	64	7,923	75	6,026	23,070	2,848	3,537	15,290	1,395	627,029	619,357	7,672	1,069,191	61
335	63,498	81	13,720	108	9,576	37,018	937	2,743	12,270	21,068	318,953	310,166	8,787	561,146	62
1,509	524,282	263	41,453	97	8,100	155,435	18,644	25,094	104,467	7,230	1,913,582	1,870,981	42,601	3,131,899	63
322	60,175	2	330	------	------	7,947	1,185	975	5,787	------	157,750	157,350	400	349,558	64
84	18,259	------	------	1	240	2,798	502	387	1,809	100	104,593	104,163	430	165,629	65
105	25,478	50	8,942	82	7,986	11,869	888	1,011	9,970	------	247,407	238,279	9,128	363,154	66
155	33,893	------	------	3	192	8,951	4,100	339	3,950	562	103,626	102,946	680	206,710	67
402	100,790	62	10,585	59	6,460	19,421	2,739	1,863	14,814	5	574,524	565,768	8,756	979,480	68
59	11,288	------	------	3	500	946	213	318	415	------	64,238	63,814	424	98,569	69
145	40,061	------	------	1	60	4,065	20	497	3,518	30	196,295	195,999	296	303,759	70
123	20,880	50	4,326	4	225	12,254	1,291	924	10,039	------	151,781	150,431	1,350	251,691	71
337	70,184	189	19,179	59	2,536	18,820	6,333	2,034	10,453	------	648,035	641,717	6,318	896,681	72
30	5,507	50	7,300	11	1,000	1,146	275	209	662	------	60,664	60,134	530	87,464	73
803	168,243	528	112,445	404	36,298	67,249	2,434	9,190	53,501	2,124	1,554,933	1,525,842	29,091	2,259,603	74
707	159,600	419	69,512	212	17,370	57,146	145	7,031	49,635	335	674,160	661,801	12,359	1,192,096	75
653	128,448	13	2,405	13	915	12,765	1,916	2,569	7,970	310	506,868	502,743	4,125	907,687	76

TABLE 6.—MANUFACTURES

	Counties and manufacturing and mechanical industries.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
77	Rockingham	103	$2,394,721	$131,054	$277,115	$781,624	$1,204,928	116	87	$80,125	2,163	$382,751
78	Rowan	133	1,695,281	94,904	296,999	807,890	495,488	159	56	41,380	1,822	500,663
79	Rutherford	93	2,281,835	83,045	337,357	1,139,157	722,276	102	24	18,673	2,082	279,196
80	Sampson	108	196,353	37,884	23,741	63,309	71,419	120	6	1,450	180	26,851
81	Scotland	73	470,417	32,744	55,875	193,477	188,321	82	21	10,017	408	71,690
82	Stanly	72	986,323	56,451	186,115	479,150	264,607	93	20	18,717	776	140,407
83	Stokes	60	151,769	40,155	18,507	67,008	26,099	78	2	550	93	17,581
84	Surry	138	896,233	57,145	127,396	263,221	448,471	187	77	37,293	1,196	216,739
85	Swain	41	83,081	12,025	11,162	37,445	22,449	44	6	3,515	81	15,004
86	Transylvania	29	27,790	4,255	6,260	12,480	4,795	27	-------	-------	15	4,383
87	Tyrrell	6	13,080	655	2,050	10,025	350	5	1	365	30	5,647
88	Union	89	491,042	33,570	76,372	276,150	104,950	131	11	9,297	540	83,028
89	Vance	45	384,882	7,922	55,527	208,555	112,878	45	16	11,303	587	104,696
90	Wake	231	1,938,657	164,709	292,122	862,672	619,154	253	161	104,092	1,681	498,586
91	Warren	71	115,735	31,335	17,397	46,797	20,206	79	3	1,083	133	23,661
92	Washington	28	259,760	70,560	28,470	111,484	49,246	28	9	6,401	335	74,300
93	Watauga	68	71,329	21,226	7,974	35,241	6,888	86	1	106	52	7,351
94	Wayne	100	719,564	59,318	113,514	256,503	290,229	112	46	35,712	668	151,464
95	Wilkes	162	683,915	92,428	65,532	119,176	406,779	190	31	27,305	377	80,384
96	Wilson	45	527,688	49,280	89,485	166,671	222,252	52	18	10,128	361	80,802
97	Yadkin	110	141,668	19,650	19,337	61,566	41,115	142	5	687	191	33,689
98	Yancey	43	81,003	39,220	5,530	25,025	11,228	47	3	644	41	8,605

TABLE 7.—MANUFACTURES BY

1	All industries	7,226	$76,503,891	$8,135,807	$11,156,157	$28,531,456	$28,680,474	8,473	3,001	$2,434,621	70,570	$13,868,430
2	Agricultural implements	9	77,537	3,330	12,600	24,600	37,007	14	7	3,970	91	20,169
3	Awnings, tents, and sails	4	1,935	450	850	185	450	4	-------	-------	5	1,486
4	Baskets, and rattan and willow ware	3	6,100	810	990	2,300	2,000	3	4	600	32	6,892
5	Bicycle and tricycle repairing	40	26,530	2,750	3,075	10,305	10,400	45	-------	-------	36	9,476
6	Blacksmithing and wheelwrighting	396	173,256	30,385	33,441	45,549	63,881	454	1	50	298	72,657
7	Boots and shoes, custom work and repairing.	93	37,381	2,265	7,085	12,723	15,308	100	2	460	46	12,656
8	Boots and shoes, factory product	3	37,700	200	1,850	7,450	28,200	1	3	1,618	40	14,107
9	Bottling	13	33,124	6,800	4,600	9,815	11,909	7	9	6,190	42	9,952
10	Boxes, wooden packing	11	44,235	5,236	9,093	16,660	13,246	18	2	600	183	23,821
11	Bread and other bakery products	22	33,422	4,450	8,950	10,102	9,920	28	14	1,728	45	12,680
12	Brick and tile	157	445,187	91,710	72,795	129,981	150,701	216	36	10,949	1,408	269,042
13	Brooms and brushes	3	2,060	100	400	275	1,285	5	-------	-------	6	1,356
14	Carpentering	68	114,957	20,700	18,485	10,310	65,462	76	9	6,350	575	210,132
15	Carriages and wagons	160	866,933	72,294	147,472	101,884	545,283	205	29	19,257	802	236,855
16	Cars and general shop construction and repairs by steam railroad companies.	12	539,513	36,540	165,435	166,365	171,173	-------	47	38,463	1,141	550,504
17	Clothing, men's, custom work and repairing.	54	69,069	3,000	4,000	6,330	55,739	61	5	3,600	172	55,629
18	Clothing, men's, factory product	14	495,616	2,900	23,657	51,806	417,253	9	87	71,471	860	148,267
19	Clothing, women's, dressmaking	22	19,530	2,750	11,650	2,055	3,075	21	-------	-------	75	15,247
20	Coffins, burial cases, and undertakers' goods.	7	176,820	5,950	21,600	27,550	121,720	5	11	6,734	121	29,925
21	Confectionery	18	41,035	10,500	11,500	7,090	11,945	20	1	1,200	33	6,899
22	Cooperage	33	79,078	8,880	8,790	23,455	37,953	38	10	5,658	151	32,501
23	Cotton, compressing	3	180,000	30,000	45,000	95,000	10,000	-------	17	11,340	158	34,717
24	Cotton, ginning[1]	424	513,415	21,288	111,115	369,615	11,397	550	24	1,379	456	57,126
25	Cotton goods	177	33,011,516	1,395,341	5,848,808	16,290,457	9,476,910	41	659	586,730	30,273	5,127,087
26	Dyeing and cleaning	9	2,505	600	500	675	730	9	1	208	14	2,368
27	Dyeing and finishing textiles	5	293,831	4,700	33,800	184,022	71,309	5	8	6,650	184	45,340
28	Fertilizers	18	2,818,921	99,534	403,281	213,508	2,102,598	16	51	65,838	427	109,192
29	Flouring and grist mill products	1,773	2,905,310	281,754	711,152	1,459,824	452,580	2,042	64	31,316	1,019	213,627
30	Foundry and machine shop products	61	1,017,758	83,380	119,227	288,331	526,820	70	63	55,933	797	273,021
31	Fruits and vegetables, canning and preserving.	19	30,340	3,035	4,575	7,480	15,250	20	2	300	78	10,736
32	Furniture, cabinetmaking, repairing, and upholstering.	33	34,956	2,595	5,500	8,930	17,931	41	1	365	20	5,411
33	Furniture, factory product	44	1,023,374	36,502	142,780	265,665	578,427	32	118	64,999	1,759	333,729
34	Gas, illuminating and heating	10	682,566	38,900	36,690	541,698	65,278	-------	19	14,579	47	14,256
35	Hosiery and knit goods	24	674,869	16,925	52,852	360,420	244,672	15	64	46,224	1,495	255,253
36	Ice, manufactured	23	523,243	37,465	63,300	381,956	40,522	13	37	32,317	161	52,647
37	Kaolin and other earth grinding	8	268,925	130,550	14,808	34,561	89,006	2	11	8,693	163	29,245
38	Leather goods	3	8,940	-------	-------	540	8,400	3	-------	-------	2	650
39	Leather, tanned, curried, and finished	75	1,299,798	36,863	180,040	60,755	1,022,140	94	28	29,259	366	105,132
40	Lime and cement	4	11,100	1,300	550	3,550	5,700	4	-------	-------	21	2,400
41	Liquors, distilled	250	168,922	8,575	27,170	61,379	71,798	253	11	5,555	302	51,804
42	Liquors, vinous	5	76,190	5,160	35,375	23,205	12,450	7	25	37,000	56	9,030
43	Lock and gun smithing	8	4,640	1,200	1,475	1,375	590	9	-------	-------	4	1,130
44	Looking-glass and picture frames	4	10,800	3,000	3,000	1,400	3,400	4	1	100	3	1,235
45	Lumber and timber products	1,770	13,385,097	4,680,335	940,267	4,530,819	3,233,676	2,426	422	297,404	11,751	2,491,089
46	Lumber, planing mill products, including sash, doors, and blinds.	101	1,366,823	110,178	142,730	327,218	786,697	100	126	83,990	1,939	473,589

[1] Does not include many ginneries operated in connection with saw, grist, and cottonseed-oil mills, or for the use exclusively of plantations on which they are located. For the full number of ginneries in operation reference should be made to the special report on cotton ginning.

BY COUNTIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
1,144	$243,993	584	$87,619	435	$51,139	$416,230	$4,195	$10,844	$395,641	$5,550	$1,586,998	$1,554,676	$32,322	$2,865,312	77
1,189	373,482	377	72,029	256	55,152	118,819	2,361	5,771	109,762	925	1,347,513	1,285,305	62,208	2,320,674	78
871	131,812	841	105,782	370	41,602	54,695	998	7,638	45,999	60	1,182,875	1,155,191	27,684	1,779,552	79
158	24,101	6	920	16	1,830	3,530	307	752	2,471	------	227,340	225,049	2,291	323,963	80
273	56,039	63	10,284	72	5,367	12,861	2,440	1,533	6,172	2,716	373,850	367,427	6,423	609,193	81
367	78,439	225	39,708	184	22,260	17,962	616	4,981	12,365	------	684,553	664,317	20,236	1,127,189	82
92	17,481	1	100	------	------	2,665	42	868	1,755	------	175,458	173,408	2,050	277,763	83
774	174,296	235	27,761	187	14,682	246,617	4,478	3,481	221,508	17,150	689,520	678,284	11,236	1,397,998	84
78	14,525	------	------	3	479	7,755	154	336	2,546	4,719	92,432	92,056	376	156,990	85
13	3,968	1	150	1	265	2,551	281	240	2,030	------	29,697	28,646	1,051	48,517	86
30	5,647	------	------	------	------	270	------	120	150	------	19,257	19,157	100	31,664	87
336	57,822	139	20,804	65	4,402	10,808	346	2,303	8,059	100	334,999	317,397	17,602	594,999	88
346	79,226	151	20,920	90	4,550	4,793	1,479	944	2,370	------	304,154	293,728	10,426	530,937	89
1,299	426,951	223	50,642	159	20,993	114,063	17,099	16,338	74,760	5,866	1,440,057	1,393,566	46,491	2,641,730	90
128	22,988	3	433	2	240	4,219	907	771	2,113	428	108,037	107,160	877	190,198	91
314	71,043	2	325	19	2,932	9,774	286	1,550	7,938	------	218,899	218,148	751	381,237	92
51	7,251	------	------	1	100	4,638	227	322	4,085	4	69,324	69,102	222	108,977	93
559	137,395	44	8,498	65	5,571	36,027	4,034	4,031	27,942	20	755,054	732,930	22,124	1,232,181	94
364	78,824	3	540	10	1,020	50,493	339	2,538	47,606	10	582,421	579,641	2,780	874,289	95
304	72,875	23	3,652	34	4,275	28,387	1,165	2,271	24,801	150	286,053	274,641	11,412	538,050	96
154	30,507	24	2,466	13	716	50,326	144	660	49,487	35	185,845	183,747	2,098	354,513	97
41	8,605	------	------	------	------	544	55	229	210	50	65,444	65,345	99	99,860	98

SPECIFIED INDUSTRIES: 1900.

44,549	$10,477,765	15,644	$2,394,417	10,377	$996,248	$9,118,687	$222,439	$369,933	$8,414,187	$112,078	$53,072,388	$51,667,271	$1,405,117	$94,919,663	1
86	19,719	------	------	5	450	1,971	35	427	1,024	485	41,047	37,977	3,070	99,128	2
5	1,486	------	------	------	------	139	90	24	25	------	4,470	4,470	------	9,250	3
20	3,892	7	1,800	5	1,200	415	------	55	360	------	3,770	3,595	175	16,055	4
31	9,004	------	------	5	472	4,240	2,709	634	892	5	20,877	20,467	410	57,144	5
291	72,255	------	------	7	402	14,574	10,448	1,303	2,136	687	120,669	110,381	10,288	394,463	6
45	12,570	------	------	1	86	4,326	3,581	184	521	40	31,619	31,185	434	94,899	7
40	14,107	------	------	------	------	1,058	80	128	850	------	53,297	53,129	168	73,493	8
40	9,802	------	------	2	150	3,378	1,385	991	1,002	------	62,096	61,372	724	100,779	9
83	14,286	58	8,060	42	1,475	2,459	1	228	2,230	------	30,956	30,353	603	76,093	10
42	12,298	2	300	1	82	7,496	5,173	579	1,744	------	57,996	55,818	2,178	106,605	11
1,320	260,824	------	------	88	8,218	19,277	5,157	2,247	11,563	310	146,911	20,446	126,465	641,280	12
5	1,276	------	------	1	80	239	145	9	85	------	4,364	4,364	------	6,800	13
572	209,917	------	------	3	215	17,575	1,971	1,048	2,454	12,102	558,418	557,152	1,266	947,890	14
781	234,173	1	165	20	2,517	30,099	4,025	5,570	20,002	502	522,017	509,409	12,608	1,059,237	15
1,139	550,128	2	376	------	------	29,259	------	4,831	23,861	567	893,150	880,850	12,300	1,511,376	16
91	37,298	71	17,734	10	597	12,752	8,315	1,046	3,267	124	93,323	91,550	1,773	222,041	17
138	41,657	650	100,440	72	6,170	23,238	4,070	2,899	14,869	1,400	639,472	634,758	4,714	1,037,286	18
------	------	75	15,247	------	------	1,890	1,228	118	544	------	4,474	4,105	369	32,055	19
118	29,585	2	240	1	100	4,284	------	686	3,598	------	39,402	36,077	3,325	119,479	20
20	4,923	9	1,531	4	445	3,598	2,382	396	770	50	34,796	33,889	907	70,002	21
149	32,275	------	------	2	226	2,751	393	563	1,233	562	76,801	75,686	1,115	163,086	22
158	34,717	------	------	------	------	13,993	2,500	2,462	9,031	------	11,015	2,085	8,930	73,650	23
455	57,021	------	------	1	105	7,637	1,554	2,719	3,364	------	78,539	60,351	18,188	337,443	24
12,780	2,765,457	10,364	1,629,036	7,129	732,594	1,030,918	2,775	135,963	865,958	26,222	17,386,624	16,668,190	718,434	28,372,798	25
9	1,982	1	100	4	286	1,681	865	16	800	------	919	591	328	9,570	26
142	38,031	42	7,309	------	------	13,366	822	1,106	11,438	------	95,210	84,443	10,767	175,750	27
426	109,117	------	------	1	75	108,209	39	17,535	90,625	10	1,044,267	1,019,964	24,303	1,497,625	28
1,010	212,962	------	------	9	665	65,395	6,006	20,403	38,249	737	7,218,904	7,157,334	61,570	8,867,462	29
775	269,883	6	1,380	16	1,758	40,200	5,642	7,425	26,393	740	737,581	717,273	20,308	1,394,770	30
29	6,506	41	3,805	8	425	414	75	146	193	------	44,494	43,415	1,079	64,440	31
19	5,311	1	100	------	------	3,211	2,691	159	356	5	12,554	12,293	261	35,769	32
1,343	298,821	129	11,095	287	23,813	51,921	1,480	4,968	36,873	8,600	725,069	708,709	16,360	1,547,305	33
47	14,256	------	------	------	------	40,789	------	5,094	35,695	------	37,370	35,556	1,814	129,747	34
317	91,029	735	123,742	443	40,482	35,920	4,803	3,822	27,005	290	504,027	490,265	13,762	1,023,150	35
160	52,532	------	------	1	115	18,042	1,230	4,676	12,136	------	66,291	20,127	46,164	228,305	36
161	28,936	------	------	2	309	6,535	580	429	807	4,719	22,774	16,723	6,051	105,929	37
2	650	------	------	------	------	509	419	40	50	------	3,535	3,435	100	12,100	38
366	105,132	------	------	------	------	32,685	640	3,829	28,216	------	1,129,402	1,126,871	2,531	1,502,378	39
21	2,400	------	------	------	------	168	150	18	------	------	2,081	891	1,190	6,642	40
302	51,804	------	------	------	------	394,108	852	1,017	392,033	206	134,631	113,203	21,428	641,948	41
39	6,930	17	2,100	------	------	16,585	------	413	16,172	------	109,695	109,195	500	224,980	42
4	1,130	------	------	------	------	668	516	72	80	------	1,257	1,132	125	6,110	43
8	1,235	------	------	------	------	800	350	165	200	85	6,300	6,285	15	10,640	44
11,521	2,463,915	35	4,447	195	22,727	321,048	30,329	56,906	233,813	------	7,743,235	7,742,378	857	14,862,593	45
1,894	465,938	------	------	45	7,651	78,377	7,142	7,547	32,178	31,510	1,801,478	1,790,246	11,232	2,892,058	46

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
47	Marble and stone work	16	$98,967	$29,940	$10,240	$28,380	$30,407	18	15	$5,580	365	$88,127
48	Masonry, brick and stone	13	23,415		200	4,615	18,600	16	10	5,300	466	117,977
49	Mattresses and spring beds	21	39,023	7,800	11,650	9,190	10,383	21	2	700	51	11,257
50	Millinery, custom work	139	190,427	19,155	34,180	5,585	131,507	159	29	8,000	184	42,705
51	Mineral and soda waters	11	19,925	2,800	3,800	8,150	5,175	13			12	3,180
52	Monuments and tombstones	24	62,933	10,090	12,340	4,553	35,950	37	12	4,625	103	30,638
53	Oil, cottonseed and cake	21	1,841,856	61,831	298,044	529,248	952,733		87	68,416	564	133,195
54	Painting, house, sign, etc	26	10,645	700	1,100	2,010	6,835	31			92	33,542
55	Patent medicines and compounds	10	49,685			4,140	45,545	9	14	9,520	29	8,262
56	Paving and paving materials	5	38,475	16,650	1,200	16,025	4,600	5	5	2,610	170	63,578
57	Photography	55	45,937	2,170	6,985	25,415	11,367	58	1	350	27	9,431
58	Plumbing, and gas and steam fitting	33	109,486	10,600	8,600	14,740	75,546	43	8	3,292	186	88,583
59	Pottery, terra cotta, and fire-clay products.	21	82,738	10,645	21,965	17,635	32,493	24	7	4,700	138	23,886
60	Printing and publishing, book and job	38	147,710	5,525	5,425	106,000	30,760	49	12	8,462	166	54,703
61	Printing and publishing, newspapers and periodicals.	165	645,432	35,155	52,675	366,463	191,139	170	145	87,851	653	230,941
62	Rice, cleaning and polishing	4	51,325	5,425	13,600	19,300	13,000	2	9	8,325	30	7,675
63	Roofing and roofing materials	5	15,050	6,600	3,200	1,300	3,950	4	1	600	9	4,580
64	Saddlery and harness	85	177,894	11,138	19,658	22,618	124,480	92	12	6,970	157	42,390
65	Sewing machine repairing	5	1,670		900	320	450	5			5	1,790
66	Ship and boat building, wooden	14	73,760	21,600	2,700	22,185	27,275	17	2	1,200	73	34,782
67	Shirts	3	6,700			4,200	2,500	3	4	1,500	36	5,280
68	Silk and silk goods	3	130,376	6,200	52,000	40,525	31,651	1	11	3,455	209	25,420
69	Sugar and molasses, refining	6	926	81	90	755		11	1	200	1	236
70	Tinsmithing, coppersmithing, and sheet-iron working.	69	175,731	25,245	25,980	24,012	100,494	93	8	1,740	171	61,581
71	Tobacco, chewing, smoking, and snuff	80	6,874,908	238,291	640,067	648,158	5,348,392	100	469	577,048	6,403	869,170
72	Tobacco, cigars and cigarettes	16	169,980	24,740	30,375	5,405	109,460	13	22	16,830	180	37,734
73	Tobacco, stemming and rehandling	5	101,400	900	14,700	16,800	69,000	10	12	6,500	449	51,373
74	Turpentine and rosin	174	217,423	35,615	19,745	66,671	95,392	205	25	5,460	400	70,697
75	Watch, clock, and jewelry repairing	80	86,727	8,100	9,325	20,515	48,787	86			37	15,077
76	Wood, turned and carved	21	58,240	6,615	4,980	23,815	22,830	27	8	2,506	126	29,887
77	Woolen goods	16	347,830	18,355	42,400	90,754	196,321	11	17	9,065	206	39,094
78	All other industries[1]	49	972,443	172,661	315,720	202,801	281,261	54	29	24,739	1,215	191,642

[1] Embraces bags, other than paper, 1; boxes, fancy and paper, 1; carriage and wagon materials, 2; chemicals, 2; clothing, women's, factory product, 1; coffee and spice, roasting and grinding, 2; cordage and twine, 2; cutlery and edge tools, 1; electrical apparatus and supplies, 2; electrical construction and repairs, 1; electroplating, 1; emery wheels, 1; fancy articles, not elsewhere specified, 2; fish, canning and preserving, 1; glass, cutting, staining, and ornamenting, 1; grease and tallow, 1; iron and steel, 2; ironwork, architectural and ornamental, 1; lapidary work, 1; models and patterns, 1; oil, essential, 1; optical goods, 1; oysters,

TABLE 8.—MANUFACTURES IN WILMINGTON

1	All industries	131	$2,968,199	$736,350	$471,580	$817,216	$943,053	131	120	$103,178	1,850	$568,250
2	Blacksmithing and wheelwrighting	9	1,175			700	475	9			11	2,830
3	Boots and shoes, custom work and repairing.	3	70			65	5	3			2	236
4	Bread and other bakery products	5	8,172	500	1,200	2,422	4,050	5	9	839	12	3,334
5	Carpentering	7	3,935	1,200	700	925	1,110	7			62	33,350
6	Clothing, men's, custom work and repairing.	10	8,550			1,075	7,475	10	2	1,100	39	8,702
7	Confectionery	3	12,050	2,500	7,500	750	1,300	4			5	1,200
8	Furniture, cabinetmaking, repairing, and upholstering.	3	250			150	100	3			3	425
9	Lumber and timber products	7	1,148,866	627,000	128,600	160,400	232,866	4	17	21,600	381	121,837
10	Masonry, brick and stone	3	1,000			300	700	3	1	675	46	14,114
11	Millinery, custom work	7	14,855	1,000	2,500	155	11,200	8	4	1,100	23	6,494
12	Painting, house, sign, etc	3						3			5	1,860
13	Photography	3	2,400			1,550	850	3			3	554
14	Printing and publishing, book and job	6	15,970			13,450	2,520	8			17	4,004
15	Printing and publishing, newspapers and periodicals.	4	65,800	2,400	4,900	31,000	27,500	4	16	10,440	52	27,605
16	Tinsmithing, coppersmithing, and sheet-iron working.	7	5,665			1,515	4,150	9			15	5,220
17	Turpentine and rosin	3	9,150	50	450	3,150	5,500	6			16	3,430
18	Watch, clock, and jewelry repairing	8	4,750			3,250	1,500	10				
19	All other industries[1]	40	1,665,541	101,700	325,730	596,359	641,752	31	71	67,424	1,158	333,055

[1] Embraces bicycle and tricycle repairing, 2; bottling, 2; carriages and wagons, 2; cars and general shop construction and repairs by steam railroad companies, 1; chemicals, 1; clothing, men's, factory product, 1; clothing, women's, dressmaking, 2; coffee and spice, roasting and grinding, 2; cotton, compressing, 2; cotton goods, 1; dyeing and cleaning, 1; dyeing and finishing textiles, 1; fertilizers, 1; flouring and grist mill products, 1; foundry and machine shop products, 2; gas

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
350	$86,627			15	$1,500	$8,767	$3,598	$268	$4,476	$425	$18,131	$15,144	$2,987	$148,993	47
465	117,873			1	104	1,820	35	280	1,305	200	222,320	221,870	450	380,000	48
35	8,940	9	$1,627	7	690	2,423	1,056	307	1,060		44,508	43,923	585	73,325	49
		180	42,221	4	484	20,670	13,420	1,859	5,391		235,927	235,162	765	413,648	50
11	3,048			1	132	896	524	209	163		10,326	10,251	75	26,962	51
100	30,347			3	291	3,598	1,293	382	1,423	500	49,892	49,690	202	129,631	52
563	133,095	1	100			110,161	60	7,374	102,727		2,160,996	2,106,192	54,804	2,676,871	53
91	33,438			1	104	1,796	1,291	51	449	5	17,310	17,301	9	83,386	54
17	5,720	12	2,542			8,906	1,908	236	6,762		36,335	36,335		90,602	55
170	63,578					3,607		77	3,530		10,577	5,773	4,804	116,880	56
14	6,410	8	2,641	5	380	9,016	6,162	892	1,962		24,246	23,852	394	86,684	57
185	88,513			1	70	9,713	4,071	817	3,325	1,500	200,508	199,610	898	373,816	58
122	22,611	2	300	14	975	6,687	110	414	5,663	500	26,596	16,720	9,876	83,736	59
129	50,387	16	2,667	21	1,649	8,811	5,381	1,240	2,190		86,633	83,973	2,660	211,750	60
492	210,356	41	8,580	120	12,005	73,777	15,188	4,424	49,035	5,130	156,944	147,916	9,028	827,425	61
30	7,675					3,782	500	157	3,125		200,465	198,030	2,435	238,520	62
9	4,580					405	192	133	80		10,225	10,170	55	22,475	63
129	40,110			28	2,280	12,845	7,206	1,354	4,285		166,571	165,174	1,397	300,246	64
5	1,790					270	204	1	65		1,210	1,210		5,220	65
73	34,782					2,504	1,520	454	530		21,253	20,903	350	77,528	66
2	465	33	4,690	1	125	826	700	51	75		10,319	10,074	245	21,835	67
35	8,827	119	13,331	55	3,262	5,159	2,000	86	1,873	1,200	99,403	97,021	2,382	135,354	68
1	236					29	25	4			920	765	155	4,556	69
169	61,320			2	211	13,858	6,642	1,409	5,699	108	123,288	121,991	1,297	232,736	70
2,962	492,803	1,949	272,372	1,492	103,995	6,192,103	8,352	36,563	6,139,888	7,300	4,230,049	4,177,790	52,259	13,620,816	71
60	21,252	94	13,963	26	2,519	68,309	986	936	66,387		82,053	81,283	770	229,844	72
130	24,292	219	22,316	100	4,765	11,550	4,550	1,150	5,850		635,910	632,510	3,400	759,000	73
398	70,497	1	100	1	100	8,516	2,881	1,110	4,465	60	818,139	810,933	7,206	1,055,695	74
35	14,927			2	150	9,132	6,384	824	1,924		16,250	15,871	379	85,389	75
121	29,463			5	424	2,483	829	411	1,205	38	65,143	64,463	680	141,593	76
106	25,675	91	12,755	9	664	14,527		1,443	7,934	5,150	204,961	197,952	7,009	289,506	77
541	120,958	621	65,205	53	5,479	33,494	2,723	4,121	26,646	4	727,803	659,431	68,372	1,114,038	78

canning and preserving, 1; paints, 2; paper hanging, 2; plastering and stuccowork, 1; pumps, not including steam pumps, 1; sausage, 1; show cases, 2; slaughtering, wholesale, not including meat packing, 1; soap and candles, 1; taxidermy, 1; tools, not elsewhere specified, 2; trunks and valises, 1; upholstering materials, 2; vinegar and cider, 2.

BY SPECIFIED INDUSTRIES: 1900.

1,495	$519,145	260	$41,030	95	$8,075	$158,723	$18,644	$24,987	$103,662	$11,430	$1,734,054	$1,692,125	$41,929	$2,960,028	1
11	2,830					768	632	76	60		2,532	2,325	207	11,425	2
1	150			1	86	156	156				607	576	31	1,620	3
12	3,334					2,596	1,716	289	591		18,138	17,613	525	34,570	4
62	33,350					7,585	25	140	195	7,225	90,578	90,578		180,885	5
17	4,295	19	4,095	3	312	3,422	2,391	220	811		26,575	26,133	442	50,915	6
5	1,200					366	315	43	8		1,931	1,775	156	3,927	7
2	325	1	100			248	218	15	15		629	629		2,355	8
339	117,000	21	3,225	21	1,612	33,446	435	5,456	23,355	4,200	372,796	372,496	300	713,791	9
45	14,010			1	104	700		50	650		31,430	31,430		57,000	10
		22	6,390	1	104	3,029	1,604	381	1,044		24,731	24,581	150	42,522	11
5	1,800					5				5	1,172	1,172		4,300	12
1	240	1	250	1	64	1,048	756	110	182		941	905	36	5,500	13
10	3,360	1	172	5	472	1,335	751	203	381		6,663	6,376	287	20,150	14
47	26,775	4	755	1	75	10,314	1,175	674	8,465		17,992	16,807	1,185	86,380	15
15	5,220					856	551	70	235		8,108	8,030	78	15,725	16
16	3,430					1,641	660	196	785		66,150	65,950	200	75,800	17
						951	815	60	76		801	768	36	8,350	18
907	301,766	191	26,043	60	5,246	90,257	6,444	17,004	66,809		1,062,277	1,023,981	38,296	1,644,813	19

illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; ice, manufactured, 2; looking-glass and picture frames, 1; lumber, planing mill products, including sash, doors, and blinds, 1; mattresses and spring beds, 2; mineral and soda waters, 1; monuments and tombstones, 1; oil, cottonseed and cake, 1; plumbing, and gas and steam fitting, 2; saddlery and harness, 1; ship and boat building, wooden, 1; shirts, 1; vinegar and cider, 1; wood, turned and carved, 1.

TABLE 9.—MANUFACTURES IN CITIES AND

	Cities and towns.	Number of establishments.	Capital.					Proprietors and firm members.	Salaried officials, clerks, etc.		Average number of wage-earners and total wages.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	Total for cities and towns	955	$23,463,061	$1,454,589	$3,219,720	$7,299,005	$11,489,747	949	1,226	$1,202,269	21,721	$4,505,290
2	Asheville	135	1,405,923	181,375	183,761	387,358	653,429	148	66	48,647	1,136	354,511
3	Charlotte	112	4,102,342	204,531	479,592	1,591,620	1,826,599	101	185	174,848	2,988	699,846
4	Concord	32	2,040,351	51,562	379,079	1,103,159	506,551	25	38	35,049	1,953	410,215
5	Durham	82	1,727,205	112,377	211,598	644,165	759,065	87	151	253,619	2,787	535,289
6	Fayetteville	46	446,970	33,620	67,943	203,928	141,479	39	33	17,684	461	81,424
7	Goldsboro	46	620,932	42,300	93,850	218,080	266,702	44	39	33,462	507	123,899
8	Greensboro	79	1,711,629	154,316	480,968	531,611	544,734	72	87	65,143	1,587	295,820
9	High Point	47	834,673	34,750	81,774	173,449	544,700	37	47	38,918	1,116	205,009
10	Newbern	81	1,027,885	228,923	119,640	296,925	382,397	86	45	36,630	1,162	284,952
11	Raleigh	135	1,611,089	96,256	258,547	732,217	524,069	136	146	97,464	1,358	441,038
12	Reidsville	37	851,705	28,794	102,901	157,990	562,020	45	47	40,950	888	169,545
13	Salem	34	1,375,661	84,184	179,878	188,231	923,368	42	68	43,930	1,506	270,027
14	Salisbury	43	906,275	80,950	145,950	508,067	221,308	40	27	21,980	852	172,501
15	Winston	46	4,800,421	170,651	434,239	562,205	3,633,326	47	247	293,945	3,420	461,214

TOWNS UNDER 20,000 IN POPULATION: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
12,914	$3,269,671	5,499	$888,239	3,308	$347,380	$6,572,609	$107,463	$131,648	$6,305,816	$27,682	$16,481,488	$15,933,472	$548,016	$33,846,874	1
838	300,202	216	35,536	82	18,773	59,362	21,311	7,575	30,211	265	1,065,023	1,041,200	23,823	1,866,109	2
1,704	520,138	807	131,730	477	47,978	218,221	17,142	21,933	175,232	3,914	2,892,587	2,783,466	109,121	4,702,301	3
1,095	265,462	488	101,668	370	43,085	61,304	3,903	9,779	47,622	----------	1,162,109	1,069,413	92,696	1,981,411	4
1,184	314,092	1,265	190,367	338	30,830	2,367,522	9,396	13,835	2,344,291	----------	2,502,449	2,466,518	35,931	7,084,540	5
263	59,296	158	19,801	40	2,327	15,737	1,997	2,324	9,689	1,727	316,680	306,932	9,748	570,127	6
407	110,354	44	8,498	56	5,047	26,336	3,327	3,167	19,842	----------	677,409	664,770	12,639	1,086,834	7
1,061	225,517	320	49,687	206	20,616	152,048	8,811	6,317	136,520	400	1,015,571	940,023	75,548	1,790,523	8
875	182,670	95	10,940	146	11,399	72,386	2,296	5,048	61,442	3,600	617,434	608,920	8,514	1,178,715	9
1,033	270,482	93	11,414	36	3,056	39,476	6,185	4,946	28,345	----------	1,069,070	1,059,500	9,570	1,704,251	10
981	370,263	222	50,342	155	20,433	107,133	16,475	14,607	70,185	5,866	1,203,099	1,158,908	44,191	2,204,056	11
460	106,937	227	36,363	201	26,245	298,043	2,929	5,848	288,716	550	563,307	544,559	18,748	1,234,783	12
924	206,733	222	28,080	360	35,214	715,301	6,621	7,621	695,499	5,560	854,716	840,288	14,428	2,067,240	13
389	67,999	286	57,872	177	46,630	28,481	2,139	3,370	22,472	500	559,070	519,903	39,167	939,954	14
1,700	269,526	1,056	155,941	564	35,747	2,411,259	4,931	25,278	2,375,750	5,300	1,982,964	1,929,072	53,892	5,436,030	15

NORTH DAKOTA.

North Dakota was admitted as a state on November 2, 1889. Prior to that date it formed a part of the territory of Dakota, therefore, the Eleventh Census (1890) was the first in which the statistics for the state were published separately.

Table 1 is a comparative summary of the manufacturing and mechanical industries of North Dakota as returned at the censuses of 1890 and 1900, with the percentages of increase for the decade. This table also presents the average number of wage-earners employed by manufacturing establishments in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1890 AND 1900, WITH PER CENT OF INCREASE FOR THE DECADE.

	1900	1890	Per cent of increase.		1900	1890	Per cent of increase.
Number of establishments	1,130	382	195.8	Miscellaneous expenses	$302,492	$236,909	27.7
Capital	$5,396,490	$2,894,553	86.4	Cost of materials used	$5,615,793	$3,087,161	81.9
Salaried officials, clerks, etc., number	168	[1]348	[2]51.7	Value of products, including custom work and repairing	$9,183,114	$5,028,107	82.6
Salaries	$141,432	[1]$243,749	[2]42.0				
Wage-earners, average number	2,398	1,499	60.0				
Total wages	$1,222,472	$759,132	61.0	Total population	[3]312,239	182,719	70.9
Men, 16 years and over	2,168	1,398	55.1	Wage-earners engaged in manufactures	2,398	1,499	60.0
Wages	$1,160,288	$733,179	58.3	Per cent of total population	0.8	0.8	----------
Women, 16 years and over	193	85	127.1	Assessed value of real estate	$90,942,019	$65,181,187	39.5
Wages	$57,433	$23,195	147.6	Value of land and buildings invested in manufactures[4]	$1,411,428	$699,680	101.7
Children, under 16 years	37	16	131.3	Per cent of assessed value	1.6	1.1	----------
Wages	$4,751	$2,758	72.3				

[1] Includes proprietors and firm members, with their salaries; number only reported for 1900. (See Table 5.)
[2] Decrease.
[3] Exclusive of 6,907 Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[4] Does not include the value of rented property.

While Table 1 indicates that the manufacturing and mechanical industries have increased during the past decade, it is still true that the principal industries of the state are agriculture and stock raising. Manufacturing is limited almost entirely to the so-called neighborhood industries, and, with the exception of the flour and grist mill industry, practically the entire product is consumed at or near the point of production. During the year 1900 the product of the flour and grist mills was valued at $4,134,023, or 45 per cent of the total value of the product for the entire state. There were 6,060,839 bushels of cereals of all kinds reported as material, valued at $3,065,489. This quantity included 4,827,477 bushels of wheat, valued at $2,756,484. The next most important cereal ground was barley, of which there were 590,564 bushels, valued at $112,844.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for governmental establishments, institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	1,335	$5,662,347	1,465	2,464	$1,228,088	$308,664	$5,675,275	$3,485,369	$1,893,290	$296,616	$9,287,259
Hand trades[1]	558	1,088,681	628	841	443,735	71,019	917,741	350	863,893	53,498	2,038,966
Governmental establishments	3	5,100	-------	4	1,520	-------	6,805	6,000	655	150	10,685
Penal institutions	2	152,000	-------	20	800	1,200	29,701	25,000	1,501	3,200	38,900
Establishments with a product of less than $500	200	108,757	213	42	3,296	4,972	22,976	1,875	21,101	-------	54,560
All other establishments	572	4,307,809	624	1,557	778,737	231,473	4,698,052	3,452,144	1,006,140	239,768	7,144,148

[1] Includes bicycle and tricycle repairing, 23; blacksmithing and wheelwrighting, 293; boots and shoes, custom work and repairing, 20; carpentering, 35; clothing, men's, custom work and repairing, 50; clothing, women's, dressmaking, 10; dyeing and cleaning, 1; furniture, cabinetmaking, repairing, and upholstering, 7; lock and gun smithing, 2; masonry, brick and stone, 8; millinery, custom work, 46; painting, house, sign, etc., 12; plastering and stuccowork, 1; plumbing, and gas and steam fitting, 12; taxidermy, 2; watch, clock, and jewelry repairing, 34.

In addition to the 1,335 active establishments in the state during the census year, with a capital of $5,662,347, shown in Table 2, there were 10 idle establishments with a capital of $44,950.

Table 3 presents the totals for the manufacturing industries in Fargo and Grand Forks, and places them in comparison with the totals for the entire state and the state exclusive of these cities.

TABLE 3.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for state	1,130	$5,396,490	1,252	2,398	$1,222,472	$302,492	$5,615,793	$9,183,114
Total for urban manufactures	170	1,921,130	183	1,026	610,547	140,587	1,752,403	3,222,568
Fargo	93	1,092,026	98	705	383,500	76,352	1,272,753	2,137,802
Grand Forks	77	829,104	85	321	227,047	64,235	479,650	1,084,766
Total for state exclusive of urban manufactures	960	3,475,360	1,069	1,372	611,925	161,905	3,863,390	5,960,546
Per cent of urban manufactures to total for state	15.0	35.6	14.6	42.8	49.9	46.5	31.2	35.1

It appears from Table 3 that, compared with the totals for the state, the 2 cities furnished employment to 42.8 per cent of the wage-earners and made 35.1 per cent of the products.

The detailed statistics of the census of 1900 are presented in the 3 tables which follow.

Table 4 shows the totals for the state by counties.

Table 5 shows the totals for the state by specified industries.

Table 6 shows the totals for all industries in the cities withdrawn from the enumerators.

TABLE 4.—MANUFACTURES

[No manufactures reported

	COUNTIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	The State	1,130	$5,396,490	$424,263	$987,165	$1,634,964	$2,350,098	1,252	168	$141,432	2,398	$1,222,472
2	Barnes	69	228,455	22,160	46,540	47,330	112,425	81	6	4,400	101	47,609
3	Benson	12	25,635	1,770	6,790	10,545	6,530	15			6	2,095
4	Bottineau	23	74,584	4,700	13,725	25,935	30,224	24			38	19,549
5	Burleigh	12	41,695	4,540	7,375	17,305	12,475	13	3	4,500	46	24,370
6	Cass	160	1,235,058	80,495	210,307	342,168	602,088	171	47	41,222	769	410,373
7	Cavalier	21	142,970	16,815	27,250	62,025	36,880	21	6	3,330	33	15,155
8	Dickey	27	73,940	5,160	18,700	24,325	25,755	27	1	900	20	8,860
9	Eddy	12	28,675	2,250	7,200	10,500	8,725	14			9	3,690
10	Emmons	3	4,400	300	1,750	1,700	650	3				
11	Foster	17	49,380	3,930	8,965	14,465	22,020	16	1	650	9	4,095
12	Grand Forks	147	1,033,452	94,345	137,400	327,298	474,409	165	44	39,530	477	259,570
13	Griggs	15	41,797	4,135	7,130	11,055	19,477	15			15	6,718
14	Kidder	6	18,235	480	4,050	6,780	6,925	6			2	1,400
15	Lamoure	28	72,824	2,000	12,565	21,333	36,926	31	1	1,200	27	6,180
16	McHenry	5	3,955	555	1,025	925	1,450	5			1	600
17	McIntosh	3	2,315	15	170	1,030	1,100	3			1	300
18	McLean	4	26,205	9,500	2,400	5,725	8,580	5	1	300	6	2,545
19	Morton	31	326,260	32,247	83,244	76,217	134,552	25	12	7,915	142	77,778
20	Nelson	23	54,885	6,215	14,650	14,870	19,150	29	1	800	20	8,032
21	Pembina	55	195,260	13,560	33,480	55,145	93,075	54	6	4,300	73	33,853
22	Pierce	3	7,655	1,575	425	335	5,320	4			1	366
23	Ramsey	37	98,800	7,600	21,350	29,435	40,415	40	2	2,100	48	27,382
24	Ransom	26	99,615	4,950	19,750	39,475	35,440	33	1	435	29	10,495
25	Richland	75	323,955	29,150	47,285	105,510	142,010	83	7	6,640	85	38,145
26	Rolette	6	62,600	2,700	14,200	24,350	21,350	6			11	4,418
27	Sargent	26	89,490	1,995	20,440	43,198	23,857	23	3	1,640	17	7,290
28	Stark	13	75,755	3,150	29,260	22,475	20,870	15	1	900	26	16,660
29	Steele	11	53,670	1,875	7,850	17,150	26,795	13			10	6,066
30	Stutsman	28	133,968	4,800	15,940	46,210	67,018	33	5	4,100	56	26,861
31	Towner	19	74,168	7,175	10,800	12,420	43,773	22			26	12,796
32	Traill	81	169,401	17,795	37,224	54,720	59,662	94	4	2,005	81	32,762
33	Walsh	96	381,350	24,571	73,330	104,265	179,184	117	4	5,050	146	68,032
34	Ward	12	82,340	7,050	33,060	26,525	15,705	14	6	4,540	52	27,336
35	Wells	16	43,712	2,970	8,285	19,230	13,227	19	3	3,765	16	6,586
36	Williams	3	5,165	700	1,350	2,900	215	9	1	400	4	2,805
37	All other counties [1]	5	14,866	1,035	1,900	10,090	1,841	4	3	810	5	1,700

[1] Includes establishments distributed as follows: Logan, 1; Mercer, 2; Oliver, 2.

BY COUNTIES: 1900.

from Billings county.]

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
2,168	$1,160,288	193	$57,433	37	$4,751	$302,492	$70,153	$38,730	$182,670	$10,939	$5,615,793	$5,432,205	$183,588	$9,183,114	1
96	45,483	5	2,126			17,682	3,109	1,952	10,521	2,100	299,113	291,991	7,122	452,218	2
6	2,095					937	332	114	491		16,600	15,892	708	30,156	3
36	19,309	2	240			2,857	926	469	1,387	75	59,351	56,966	2,385	113,027	4
41	23,030	4	1,140	1	200	1,951	340	210	1,401		19,474	19,069	405	75,586	5
701	392,327	60	16,601	8	1,445	82,802	25,643	6,515	47,672	2,972	1,358,712	1,334,628	24,084	2,317,860	6
33	15,155					3,154	405	803	1,946		89,179	84,503	4,676	145,606	7
20	8,860					3,291	430	1,062	1,799		92,238	83,688	8,550	117,123	8
8	3,390	1	300			1,736	644	325	767		10,777	9,939	838	24,920	9
						281		23	258		643	520	123	4,019	10
9	4,095					1,616	354	224	1,038		21,652	20,733	919	47,078	11
409	235,563	61	22,647	7	1,360	71,572	17,397	7,575	43,213	3,387	731,061	688,658	42,403	1,473,088	12
13	6,368	1	100	1	250	2,037	240	601	1,196		59,871	58,182	1,689	83,312	13
2	1,400					380	120	118	142		8,882	8,614	268	14,123	14
12	5,570	3	535	2	75	3,850	437	681	2,682	50	105,369	101,323	4,046	137,183	15
1	600					133		54	79		3,391	3,106	285	7,725	16
1	300					130	60	4	66		721	636	85	3,090	17
6	2,545					622		163	459		16,480	16,000	480	30,818	18
137	76,346	4	1,408	1	24	11,707	892	2,138	8,577	100	360,204	349,154	11,050	499,825	19
20	8,032					2,816	713	637	1,466		69,370	67,675	1,695	108,628	20
67	32,433	4	1,170	2	250	8,389	1,085	1,534	5,770		202,318	193,197	9,121	322,460	21
1	366					97	40	22	35		1,984	1,829	155	4,385	22
44	26,246	4	1,136			7,640	3,145	1,049	2,991	455	82,108	78,650	3,458	161,166	23
25	10,145	2	250	2	100	4,845	885	975	2,985		134,944	130,002	4,942	189,156	24
74	36,268	8	1,675	3	202	13,571	2,369	2,388	8,589	225	492,176	478,365	13,811	723,284	25
9	4,318			2	100	3,384		735	2,649		84,284	82,106	2,178	111,301	26
17	7,290					1,772	70	465	1,237		98,832	95,526	3,306	139,835	27
24	15,360	2	1,300			2,869	530	354	1,985		26,749	23,104	3,645	77,130	28
10	6,066					1,914	168	286	1,460		69,356	66,937	2,419	95,420	29
51	26,196	1	275	4	390	12,297	2,115	1,703	8,479		207,266	203,109	4,157	317,678	30
26	12,796					3,035	474	541	2,020		35,118	33,029	2,089	70,686	31
72	31,180	9	1,582			8,651	2,933	1,640	4,003	75	148,418	143,594	4,824	260,366	32
123	63,429	20	4,298	3	305	20,101	3,630	2,450	12,521	1,500	610,979	592,785	18,194	836,612	33
51	26,836	1	500			1,353	455	410	488		31,484	29,407	2,077	77,915	34
14	6,386	1	150	1	50	2,461	172	356	1,933		56,082	54,441	1,641	88,430	35
4	2,805					153	40	103	10		964	399	565	6,826	36
5	1,700					406		51	355		9,643	9,448	195	15,074	37

TABLE 5.—MANUFACTURES

	MANUFACTURING AND MECHANICAL INDUSTRIES AND CITIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	1,130	$5,396,490	$424,263	$987,165	$1,634,964	$2,350,098	1,252	168	$141,432	2,398	$1,222,472
2	Bicycle and tricycle repairing	23	26,775	1,975	4,875	9,275	10,650	26	1	300	21	10,061
3	Blacksmithing and wheelwrighting	293	510,227	64,881	105,499	107,410	232,437	332	2	1,500	190	85,911
4	Boots and shoes, custom work and repairing.	20	20,580	3,170	5,940	2,285	9,185	23			7	2,251
5	Bread and other bakery products	11	20,965	2,250	3,425	7,325	7,965	12			37	12,941
6	Brick and tile	12	174,050	34,950	33,150	21,000	84,950	20	4	2,600	108	48,477
7	Carpentering	35	144,560	13,535	10,560	11,225	109,240	41	2	1,500	142	81,729
8	Carriages and wagons	13	41,110	4,575	6,250	8,850	21,435	17			23	11,761
9	Cars and general shop construction and repairs by steam railroad companies.	3	171,043	20,180	87,214	43,750	19,899		7	6,725	126	67,922
10	Cheese, butter, and condensed milk, factory product.	21	51,515	1,095	14,750	26,800	8,870	13	5	1,250	13	7,725
11	Clothing, men's, custom work and repairing.	50	69,482	8,937	10,425	5,415	44,705	56			92	53,133
12	Clothing, women's, dressmaking	10	5,870	50	410	1,140	4,270	11			35	7,468
13	Flouring and grist mill products	97	1,359,296	56,270	249,030	531,242	522,754	100	57	47,750	298	159,335
14	Foundry and machine shop products	16	85,535	11,250	13,050	29,850	31,385	23			36	23,803
15	Furniture, cabinetmaking, repairing, and upholstering.	7	12,480	1,050	2,170	1,810	7,450	6			2	1,445
16	Lumber and timber products	4	27,275	17,660	725	5,940	2,950	6	1	300	12	3,000
17	Masonry, brick and stone	8	59,475	4,000	2,000	23,350	30,125	9			132	87,387
18	Millinery, custom work	46	79,311	8,700	19,950	3,506	47,155	50			41	13,403
19	Mineral and soda waters	7	30,410	4,000	2,000	9,950	14,460	7	1	1,200	14	8,912
20	Monuments and tombstones	5	17,435	305	275	355	16,500	7			10	6,835
21	Painting, house, sign, etc	12	27,750	600	360	3,615	23,175	16	3	3,340	70	36,192
22	Photography	25	43,705	6,765	16,950	10,405	9,585	27			15	7,315
23	Plumbing, and gas and steam fitting	12	69,438	4,300	6,300	10,845	47,993	16	3	3,100	85	5[illegible],843
24	Printing and publishing, book and job	9	72,850		500	34,150	38,200	11	3	3,462	56	33,535
25	Printing and publishing, newspapers and periodicals.	131	553,052	26,680	51,200	251,640	223,532	137	45	38,195	326	143,096
26	Saddlery and harness	118	564,609	42,350	94,802	35,366	392,091	131	1	480	134	64,913
27	Slaughtering and meat packing, wholesale.	3	104,371	10,500	30,750	11,900	51,221	8	8	8,760	34	15,977
28	Tinsmithing, coppersmithing, and sheet-iron working.	49	92,415	7,610	17,300	21,550	45,955	57	4	3,300	66	41,024
29	Tobacco, cigars and cigarettes	26	23,536	1,850	3,575	1,613	16,498	28			33	16,932
30	Watch, clock, and jewelry repairing	34	50,533	13,400	11,730	9,087	16,316	35			19	9,792
31	All other industries[1]	30	886,837	51,375	182,000	394,315	259,147	32	21	17,670	221	107,354

[1] Embraces agricultural implements, 1; awnings, tents, and sails, 1; boxes, wooden packing, 1; bridges, 1; brooms and brushes, 1; carpets, rag, 1; confectionery, 1; dyeing and cleaning, 1; fur goods, 2; furs, dressed, 1; gas, illuminating and heating, 2; hand stamps, 1; lime and cement, 1; lock and gun smithing, 2; looking-glass and picture frames, 1; lumber, planing mill products, including sash, doors, and blinds, 1; paper and wood pulp, 1; paving and paving materials, 1;

TABLE 6.—MANUFACTURES IN CITIES

1	Total for cities	170	$1,921,130	$143,700	$284,450	$586,961	$906,019	183	82	$73,552	1,026	$610,547
2	Fargo	93	1,092,026	63,700	182,450	312,574	533,302	98	45	40,122	705	383,500
3	Grand Forks	77	829,104	80,000	102,000	274,387	372,717	85	37	33,430	321	227,047

BY SPECIFIED INDUSTRIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel, and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
2,168	$1,160,288	193	$57,433	57	$4,751	$302,492	$70,153	$38,730	$182,670	$10,939	$5,615,793	$5,432,205	$183,588	$9,183,114	1
21	10,061					4,087	1,900	388	1,799		14,393	13,599	794	49,983	2
188	85,811			2	100	14,957	4,175	3,436	7,171	175	151,032	134,634	16,398	496,345	3
7	2,251					1,981	1,039	146	796		8,298	7,877	421	20,531	4
28	10,788	9	2,153			5,362	2,822	213	2,327		37,203	34,169	3,034	81,100	5
101	46,877	3	600	4	1,000	2,615	200	883	1,532		30,484	3,944	26,540	131,874	6
142	81,729					7,778	302	489	1,537	5,450	215,720	214,870	850	385,035	7
23	11,761					1,746	552	257	737	200	17,830	16,604	1,226	42,609	8
126	67,922					1,400		1,400			64,847	58,652	6,195	140,894	9
13	7,725					1,231	55	208	968		96,286	93,647	2,639	122,128	10
83	50,445	9	2,688			11,985	7,414	802	3,669	100	64,245	62,123	2,122	182,965	11
		35	7,468			1,214	980	22	212		13,754	13,427	327	30,730	12
298	159,335					65,890	860	12,258	52,772		3,347,067	3,262,378	84,689	4,134,023	13
36	23,803					3,343	1,036	580	1,727		33,977	30,853	3,124	92,631	14
2	1,445					842	350	63	429		3,388	3,283	105	9,485	15
12	3,000					86		56	30		11,532	11,532		24,200	16
132	87,387					2,278	340	493	1,445		203,927	203,827	100	333,680	17
		40	13,353	1	50	9,037	5,649	908	2,480		53,774	52,693	1,081	114,045	18
14	8,912					1,674	810	174	690		20,810	20,572	238	45,718	19
10	6,835					1,072	390	54	628		16,160	16,090	70	35,350	20
70	36,192					6,114	1,751	286	4,002	75	42,919	42,649	270	113,928	21
12	6,383	3	932			3,257	1,335	432	1,490		14,176	13,071	1,105	49,607	22
85	52,843					4,189	2,110	499	1,580		136,178	135,753	425	252,117	23
51	31,010	3	1,860	2	665	10,588	3,039	547	7,002		51,379	48,462	2,917	132,061	24
263	128,683	37	11,707	26	2,706	50,920	14,221	3,889	29,126	3,684	119,002	111,108	7,894	587,889	25
134	64,913					17,944	5,606	3,412	8,926		272,315	268,406	3,909	484,432	26
33	15,677	1	300			8,975	720	430	7,025	800	198,175	197,300	875	256,160	27
66	41,024					6,410	2,754	931	2,270	455	67,637	65,975	1,662	166,264	28
29	15,972	2	730	2	230	9,259	2,073	255	6,931		25,982	25,324	658	69,419	29
18	9,432	1	360			5,746	3,668	477	1,601		8,036	7,263	773	40,922	30
171	92,072	50	15,282			40,512	4,002	4,742	31,768		275,267	262,120	13,147	556,989	31

plastering and stuccowork, 1; pottery, terra cotta, and fire-clay products, 1; soap and candles, 1; starch, 1; taxidermy, 2; upholstering materials, 1; wirework, including wire rope and cable, 1; woolen goods, 1.

UNDER 20,000 IN POPULATION: 1900.

907	$570,819	108	$37,023	11	$2,705	$140,587	$38,360	$12,044	$83,911	$6,272	$1,752,403	$1,697,266	$55,137	$3,222,568	1
644	366,754	53	15,301	8	1,445	76,352	22,683	5,653	45,044	2,972	1,272,753	1,252,443	20,310	2,137,802	2
263	204,065	55	21,722	3	1,260	64,235	15,677	6,391	38,867	3,300	479,650	444,823	34,827	1,084,766	3

OHIO.

Table 1 shows the manufacturing and mechanical industries of the state of Ohio as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	32,398	28,673	20,699	22,773	11,123	10,622	13.0	38.5	19.1	104.7	4.7
Capital	$605,792,266	$402,793,019	$188,939,614	$141,923,964	$57,295,303	$29,019,538	50.4	113.2	33.1	147.7	97.4
Salaried officials, clerks, etc., number	30,003	[2] 38,566	(3)	(3)	(3)	(3)	[1] 22.2	------	------	------	------
Salaries	$29,351,045	[2] $30,321,084	(3)	(3)	(3)	(3)	[1] 3.2	------	------	------	------
Wage-earners, average number	345,869	292,982	183,609	137,202	75,602	51,491	18.1	59.6	33.8	81.5	46.8
Total wages	$153,955,330	$128,447,799	$62,103,800	$49,066,488	$22,302,989	$13,467,156	19.9	106.8	26.6	120.0	65.6
Men, 16 years and over	287,789	244,900	152,217	119,686	65,749	47,054	17.5	60.9	27.2	82.0	39.7
Wages	$140,364,129	$118,158,916	(3)	(3)	(3)	(3)	18.8	------	------	------	------
Women, 16 years and over	53,711	41,531	18,563	11,575	9,853	4,437	29.3	123.7	60.4	17.5	122.1
Wages	$12,883,284	$9,286,497	(3)	(3)	(3)	(3)	38.7	------	------	------	------
Children, under 16 years	4,369	6,551	12,829	5,941	(3)	(3)	[1] 33.3	[1] 48.9	115.9	------	------
Wages	$707,917	$1,002,386	(3)	(3)	(3)	(3)	[1] 29.4	------	------	------	------
Miscellaneous expenses	$69,728,206	$45,062,325	(4)	(4)	(4)	(4)	54.7	------	------	------	------
Cost of materials used	$447,849,677	$341,016,464	$215,334,258	$157,131,697	$69,800,270	$34,678,019	31.3	58.4	37.0	125.1	101.3
Value of products, including custom work and repairing	$832,438,113	$641,688,064	$348,298,390	$269,713,610	$121,691,148	$62,692,279	29.7	84.2	29.1	121.6	94.1
Total population	4,157,545	3,672,316	3,198,062	2,665,260	2,339,511	1,980,329	13.2	14.8	20.0	13.9	18.1
Wage-earners engaged in manufactures	345,869	292,982	183,609	137,202	75,602	51,491	18.1	59.6	33.8	81.5	46.8
Per cent of total population	8.3	8.0	5.7	5.1	3.2	2.6	------	------	------	------	------
Assessed value of real estate	[5] $1,285,008,439	$1,232,305,312	$1,093,677,705	$707,846,836	$687,518,121	$337,521,075	4.3	12.7	54.5	3.0	103.7
Value of land and buildings invested in manufactures [6]	$144,152,774	$96,331,877	(3)	(3)	(3)	(3)	49.6	------	------	------	------
Per cent of assessed value	11.2	7.8	------	------	------	------	------	------	------	------	------

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[3] Not reported separately.
[4] Not reported.
[5] As given in the report of the Secretary of State of Ohio, 1900, page 678.
[6] Does not include value of rented property.

Table 1 shows that there has been a large growth in the manufacturing and mechanical industries of Ohio during the half century. The population during these years increased from 1,980,329 to 4,157,545, while the average number of wage-earners employed in manufacturing establishments increased from 51,491 to 345,869, embracing, in 1900, 8.3 per cent of the entire population, compared with 2.6 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 451,686, or 10.9 per cent of the total population of the state. The greatest percentage of increase in the value of products, 121.6, is shown for the decade ending with 1870, but the greatest absolute increase, $293,389,674, was between the years 1880 and 1890.

If the value of products given for 1870 is reduced to a gold basis, the absolute increase for each decade from 1850 to 1900, successively, is found to be $58,998,869, $94,079,740, $132,527,502, $293,389,674, and $190,750,049. The increase was therefore greater at each successive decade except the last. At the censuses of 1840, 1850, 1860, and 1870 Ohio ranked fourth in the United States in the value of all manufactures. In 1880 the state became fifth, and has held that rank ever since.

Of the various causes which have contributed to the early development and steady advance of manufacturing in Ohio, the great commercial advantages of the state must be considered the most important. Water communication with the Atlantic seaboard is afforded by Lake Erie and the Erie Canal, and with the states of the northwest by the western Great Lakes and the Sault Ste. Marie Canal, while the Ohio River, which forms the southern boundary of the state for 436 miles, and its tributary, the Muskingum River, navigable for several miles above Zanesville, furnish cheap communication with western Pennsylvania and the entire Mississippi Valley. Two canals, connecting Lake Erie with the Ohio River, one from Cleveland to Portsmouth, and the other from Toledo to Cincinnati, were constructed by the state between the years 1825 and 1835. Settlements, trade, and local manufactures developed almost entirely along these waterways during the earlier years of the century. Other parts of the state were opened up by the construction of railroads, but the effect of these water routes in the localization of manufactures is still very marked, for in 1900 the great manufacturing centers of the state were located at the lake and river termini of the two principal canals, along these canals and their feeders north of Cincinnati and south and southeast of Cleve-

land, and along the Ohio River west and northwest of Wheeling.

During the first half of the century, owing to the existence of these water routes to the East, Ohio was the most accessible region west of the Allegheny Mountains, and was the first state, therefore, to feel the effect of westward emigration on a large scale. From 1820 to 1880 the population exceeded that of any other state west of the Allegheny Mountains. Many of the settlers came from New England, New York, and Pennsylvania, bringing with them the mechanical knowledge gained in their former homes. Machinery and tools were also brought from these older manufacturing sections, and industries for the supplying of local needs were started. Production for the broader market received its first great impetus when steam navigation began on the Ohio River, between the years 1810 and 1820. The rapid settlement of the Mississippi Valley developed a market which eastern manufacturers found difficult to enter in competition with the more favorably located establishments of Cincinnati. The rise of this city as a manufacturing center was remarkable. Coal brought down the Ohio River at small expense from Pennsylvania was most largely used. Pennsylvania furnished also crude forms of iron, and forests in the vicinity supplied abundant hard wood. In 1803 manufactured products were shipped to points along the Mississippi River as far south as New Orleans.[1]

Cleveland was essentially a commercial city during the first half of the century, its prominence being due to its location on Lake Erie, and to the trade which passed through the Ohio Canal. By 1860 railroad construction had begun to deflect commerce to other centers, but the decline threatened at that time[2] was averted by the industrial development which followed the opening of the Sault Ste. Marie Canal, in 1855. Water communication was thus furnished with the richest mines of iron ore in the United States, and the iron industries of Cleveland and the Mahoning Valley began their great development.

Among the natural resources of Ohio are a fertile soil, extensive hard-wood forests, and an abundance of coal and natural gas. This last came largely into commercial use in the state in 1884.[3] The production increased until 1889, but, on account of the exhaustion of many of the wells, has declined since that date. Ohio ranked fourth in 1899, however, in the value of natural gas produced, and considerable quantities were piped into the state from Pennsylvania, Indiana, West Virginia, Kentucky, and Canada. This fuel has been used at various times in Toledo, Findlay, Dayton, Springfield, Columbus, Zanesville, Newark, and many smaller places.[4] During 1899 it was used in 691 different establishments in the state. Petroleum also was used as a fuel, though to a less extent. The waterpower of Ohio is not extensive, its use being confined very largely to flour and grist milling, lumber milling, and the manufacture of paper and wood pulp.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for governmental establishments, educational, eleemosynary, and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

[1] The Journal of a Tour into the Territory Northwest of the Allegheny Mountains in the Year 1803, by T. M. Harris, page 146.

[2] The New England Magazine, 1896, page 760.

[3] United States Geological Survey: Mineral Resources, 1899, Nonmetallic Products, except Coal and Coke, pages 299, 302, 309, and 310.

[4] Testimony of the Ohio State Geologist before the Cincinnati Board of City Affairs, 1899; quoted in the Progressive Age, June 15, 1899.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	39,524	$608,410,892	44,125	349,172	$154,194,618	$69,867,179	$448,574,587	$109,646,052	$309,842,856	$29,085,679	$834,834,666
Hand trades[1]	13,696	17,648,395	15,724	29,753	13,959,714	5,484,310	24,053,373	551,734	22,943,027	558,612	58,948,854
Governmental establishments	2	116,779	--------	455	65,509	574	38,698	----------	38,428	270	225,583
Educational, eleemosynary, and penal institutions	25	595,455	--------	928	72,972	8,904	191,649	7,673	170,808	13,168	413,488
Establishments with a product of less than $500	7,099	1,906,392	7,501	1,920	100,807	129,495	494,563	46,644	444,714	3,205	1,757,482
All other establishments	18,702	588,143,871	20,900	316,116	139,995,616	64,243,896	423,796,304	109,040,001	286,245,879	28,510,424	773,489,259

[1] Includes bicycle and tricycle repairing, 377; blacksmithing and wheelwrighting, 3,585; boots and shoes, custom work and repairing, 1,461; carpentering, 1,135; clothing, men's, custom work and repairing, 1,543; clothing, women's, dressmaking, 767; dyeing and cleaning, 132; furniture, cabinetmaking, repairing, and upholstering, 303; lock and gun smithing, 105; masonry, brick and stone, 441; millinery, custom work, 1,231; painting, house, sign, etc., 887; paper hanging, 147; plastering and stuccowork, 207; plumbing, and gas and steam fitting, 612; sewing machine repairing, 20; taxidermy, 5; typewriter repairing, 2; watch, clock, and jewelry repairing, 736.

Of the 39,524 establishments of all classes shown in this table, 20,795, or 52.6 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $60,706,336, or only 7.3 per cent of the total value of the products of the state.

In addition to the 39,524 active establishments in the state during the census year, with a capital of $608,410,892, shown in Table 2, there were 226 idle establishments, with a capital of $5,163,185 divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Boots and shoes, factory product	3	$84,600	Lime and cement	4	$18,530
Brick and tile	35	261,526	Liquors, distilled	4	30,875
Cars, steam railroad, not including operations of railroad companies	1	8,000	Lumber and timber products	24	33,650
Cheese, butter, and condensed milk, factory product	11	24,150	Lumber, planing mill products, including sash, doors, and blinds	5	18,550
Cooperage	3	19,600	Oil, linseed	2	10,000
Flouring and grist mill products	26	156,975	Paints	1	20,000
Foundry and machine shop products	11	122,420	Paper and wood pulp	2	259,666
Furniture, factory product	3	803,022	Petroleum, refining	1	65,000
Glass	8	308,018	Pottery, terra cotta, and fire-clay products	14	332,052
Hosiery and knit goods	3	68,091	Saws	1	60,527
Iron and steel	8	1,597,700	Starch	1	400,000
Iron and steel, nails and spikes, cut and wrought, including wire nails	3	122,100	Wire	1	220,000
Leather, tanned, curried, and finished	3	14,450	Woolen goods	6	33,300
			All other industries	42	70,383

TABLE 3.—COMPARATIVE SUMMARY OF TWENTY-SEVEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	9,557	$403,505,111	213,545	$97,643,723	$49,123,782	$304,933,555	$547,619,814
	1890	7,997	268,343,244	169,057	75,758,352	32,722,824	226,390,580	402,134,891
Increase, 1890 to 1900		1,560	135,251,867	44,488	21,885,371	16,400,958	78,542,975	145,484,923
Per cent of increase		19.5	50.4	26.3	28.9	50.1	34.7	36.2
Per cent of total of all industries in state	1900	29.5	66.6	61.7	63.4	70.4	68.1	65.8
	1890	27.9	66.6	57.7	59.0	72.6	66.4	62.7
Agricultural implements	1900	78	23,628,442	6,852	3,271,163	1,483,605	6,059,515	13,975,268
	1890	106	29,399,930	7,701	3,368,475	2,008,481	5,654,360	14,333,258
Boots and shoes, factory product	1900	81	7,549,142	12,718	3,989,744	637,537	11,074,008	17,920,854
	1890	63	3,176,318	5,743	2,303,393	257,369	4,480,206	8,489,728
Carriage and wagon materials	1900	109	5,251,795	4,529	1,730,022	347,458	4,027,295	7,186,271
	1890	99	3,350,304	2,697	1,115,362	215,794	1,745,062	4,310,607
Carriages and wagons	1900	543	12,158,302	7,274	3,369,550	813,400	8,262,052	15,919,173
	1890	709	13,952,571	9,493	4,509,960	1,060,056	9,432,677	18,777,866
Cars and general shop construction and repairs by steam railroad companies.	1900	91	5,701,129	11,534	6,087,052	391,581	5,963,808	12,975,182
	1890	64	3,907,278	7,397	3,968,797	----------	3,930,052	8,096,905
Clothing, men's, factory product	1900	539	10,732,010	6,521	2,143,619	2,044,440	9,112,231	16,593,824
	1890	508	13,106,296	15,210	3,567,738	1,034,007	9,936,196	20,604,134
Clothing, women's, factory product	1900	126	2,865,851	4,817	1,518,355	467,188	4,449,451	7,772,771
	1890	31	2,056,455	2,546	911,171	119,790	2,282,025	4,352,098
Coffee and spice, roasting and grinding	1900	26	2,375,838	678	229,703	128,738	4,708,855	5,849,644
	1890	32	1,417,728	488	211,233	77,913	6,540,452	7,806,763
Electrical apparatus and supplies	1900	64	7,036,103	3,773	1,502,270	568,201	3,338,978	6,504,847
	1890	11	694,255	348	212,262	38,526	144,354	604,780
Flouring and grist mill products	1900	1,150	12,531,150	2,438	1,220,398	626,642	31,826,750	37,390,367
	1890	910	13,472,455	3,311	1,389,707	908,517	33,418,856	39,468,409
Food preparations	1900	31	5,185,405	1,100	365,950	390,651	5,353,560	7,166,532
	1890	35	384,145	270	76,463	38,945	613,134	1,029,842
Foundry and machine shop products	1900	861	68,766,347	41,799	20,563,268	4,806,682	31,578,934	72,399,632
	1890	600	32,589,798	24,795	13,050,969	2,633,738	19,332,307	43,617,072
Furniture, factory product	1900	165	9,585,848	6,723	2,621,895	562,295	4,042,083	9,514,764
	1890	215	8,144,977	7,076	3,122,807	566,903	3,750,742	9,988,129
Glass	1900	28	5,451,513	4,546	2,067,384	155,512	1,253,164	4,547,083
	1890	59	4,094,677	6,435	2,901,255	294,744	1,602,599	5,649,182
Iron and steel	1900	107	85,528,552	33,677	19,730,469	4,400,859	91,329,307	138,935,256
	1890	101	36,173,387	23,546	13,262,141	2,293,068	44,551,301	65,206,828
Leather, tanned, curried, and finished	1900	58	5,822,580	1,384	617,409	160,315	3,774,298	5,182,065
	1890	113	4,380,015	1,447	708,332	193,210	5,134,248	6,701,670
Liquors: Total	1900	190	31,444,509	3,978	2,539,972	17,796,541	6,145,198	31,771,591
	1890	179	24,591,010	3,666	2,490,340	12,642,274	8,054,866	28,484,290
Liquors, distilled	1900	26	3,000,277	335	179,157	9,622,583	1,438,507	12,447,268
	1890	15	2,109,879	426	224,222	8,745,108	2,535,016	12,033,884
Liquors, malt	1900	112	26,822,396	3,464	2,292,652	8,104,240	4,277,812	18,522,639
	1890	106	21,491,924	3,117	2,224,351	3,826,311	5,272,894	15,899,629
Liquors, vinous	1900	52	1,621,836	179	68,163	69,718	428,879	801,684
	1890	58	989,207	123	41,767	70,855	246,956	550,777
Lumber and timber products	1900	2,054	13,741,418	8,539	3,298,668	508,562	11,296,045	20,790,854
	1890	1,461	11,806,709	11,727	3,143,494	636,950	7,621,133	15,279,843
Lumber, planing mill products, including sash, doors, and blinds	1900	354	7,498,314	4,696	2,169,264	468,548	6,549,648	11,066,671
	1890	335	7,908,742	5,356	2,733,047	426,367	7,685,188	12,910,538

TABLE 3.—COMPARATIVE SUMMARY OF TWENTY-SEVEN LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Paper and wood pulp	1900	51	$7,872,913	3,184	$1,118,040	$479,386	$3,768,572	$6,543,513
	1890	50	7,581,536	2,921	1,153,625	513,037	3,991,377	7,209,750
Petroleum, refining	1900	9	10,912,818	1,008	551,692	620,061	6,177,048	8,396,977
	1890	15	15,871,138	1,976	1,017,861	590,858	12,517,255	16,343,493
Pottery, terra cotta, and fire-clay products	1900	248	15,563,969	11,870	5,000,846	691,591	3,229,385	11,851,225
	1890	125	5,927,139	4,606	2,055,702	459,333	1,313,280	5,047,501
Printing and publishing: Total	1900	1,253	17,851,109	11,021	5,313,707	2,691,366	5,656,367	20,391,868
	1890	987	11,634,222	9,026	4,436,561	2,095,626	5,244,793	17,188,851
Book and job	1900	410	6,330,456	4,613	2,171,241	823,070	2,749,600	7,941,570
	1890	257	3,704,513	3,018	1,392,017	337,296	2,818,018	6,086,891
Music	1900	6	192,788	48	22,870	135,000	23,761	260,658
	1890	6	191,620	17	7,954	76,650	21,968	173,450
Newspapers and periodicals	1900	837	11,327,865	6,360	3,119,596	1,733,296	2,883,006	12,189,640
	1890	724	7,738,089	5,991	3,036,590	1,681,680	2,404,807	10,928,510
Rubber and elastic goods	1900	19	5,989,129	3,505	1,281,038	305,446	4,757,204	7,330,104
	1890	7	1,162,512	658	240,736	89,504	1,002,772	1,486,777
Slaughtering: Total	1900	71	5,355,626	1,765	811,398	639,008	17,927,953	20,660,780
	1890	138	3,582,540	1,346	682,581	234,983	14,341,520	17,012,198
Slaughtering and meat packing, wholesale	1900	60	5,224,226	1,700	775,288	619,628	17,006,794	19,609,304
	1890	70	3,100,425	1,168	591,898	193,933	11,269,900	13,280,649
Slaughtering, wholesale, not including meat packing	1900	11	131,400	65	36,110	19,380	921,159	1,051,476
	1890	68	482,115	178	90,683	41,050	3,071,620	3,731,549
Soap and candles	1900	55	7,655,594	1,427	572,301	1,182,185	5,049,219	8,150,069
	1890	49	2,404,544	1,013	360,339	188,188	4,081,984	5,746,660
Tobacco: Total	1900	1,196	9,539,705	12,189	3,958,546	5,755,984	8,222,627	20,832,629
	1890	995	5,572,563	8,259	2,764,001	3,104,643	7,987,891	16,387,719
Chewing, smoking, and snuff	1900	19	2,081,858	1,087	389,881	3,001,133	1,917,219	5,752,853
	1890	20	2,105,848	1,870	549,110	1,936,909	2,925,371	5,991,177
Cigars and cigarettes	1900	1,129	4,579,159	9,046	3,016,072	2,613,678	3,717,825	11,239,824
	1890	937	2,729,275	5,682	1,973,389	1,131,702	2,447,042	7,024,748
Stemming and rehandling	1900	48	2,878,688	2,056	552,593	141,173	2,587,583	3,839,952
	1890	38	737,440	707	241,502	36,032	2,615,478	3,371,794

The 27 leading industries of the state in 1900, as shown in Table 3, embraced 9,557 establishments, or 29.5 per cent of the total number in the state; used a capital of $403,595,111, or 66.6 per cent of the total; gave employment to 213,545 wage-earners, or 61.7 per cent of the total number; and paid $97,643,723, or 63.4 per cent of the total wages. The value of their products was $547,619,814, or 65.8 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

Table 3 shows that the manufacture of iron and steel is the most important industry in the state. The 107 establishments reported in 1900 gave employment to 33,677 wage-earners, or 9.7 per cent of the wage-earners employed in the state, and the products were valued at $138,935,256, or 16.7 per cent of the total value of the products of the state. In 1890 there were 101 establishments, 23,546 wage-earners, and products valued at $65,206,828. The increase in the value of products during the decade was $73,728,428, or 113.1 per cent.

In the manufacture of iron and steel, Ohio has always led all states west of the Allegheny Mountains. It ranked next to New York and Pennsylvania in 1850, and since 1870 has held the second place, ranking next to Pennsylvania. There were 43 blast furnaces in operation in 1900, with products valued at $40,366,637, and 64 rolling mills and steel works, with products valued at $98,568,619. The iron ore production of Ohio in 1899 was comparatively small, amounting to 53,221 long tons,[1] or but 1.2 per cent of the iron ore used in the furnaces of the state during the census year. The coal production, on the contrary, was large, amounting to 16,500,270 short tons.[2] But as only a small amount of the coal mined in the state is made into coke,[3] the blast furnaces are supplied with their most important fuel chiefly by Pennsylvania and West Virginia. Natural gas is used in a few of the rolling mills and steel works.

The manufacture of iron and steel in 1900 was carried on chiefly in the eastern and northeastern parts of the state—Youngstown, Cleveland, Lorain, Bellaire, Mingo Junction, Niles, Steubenville, and Canal Dover turning out products valued at $88,731,725, or 63.9 per cent of the total for the state. Columbus, in the central part of the state, and Ironton, in the southern part, are also important centers. Furnaces in these districts use some local coal, and in some cases use local ores entirely. In general, however, the localization of the industry shows little relation to the deposits of iron and coal in Ohio, being rather a result of the accessibility of the eastern and northeastern parts of

[1] United States Geological Survey: Mineral Resources, 1899, Metallic Products, Coal, and Coke, page 34.
[2] Ibid., page 479.
[3] Ibid., page 588.

the state to the Connellsville, Pa., and West Virginia coke, and to the Lake Superior iron ore. None of the principal consuming points in other states, except Pittsburg and the Shenango Valley in Pennsylvania, receive Connellsville coke so cheaply,[1] and none of the eastern iron centers are as favorably located in relation to the Lake Superior mines. In the early years of the century, the industry was dependent chiefly upon local deposits of bog and other iron ores, and upon the supply of wood for the manufacture of charcoal. The first furnace in Ohio was established in 1804 on Yellow Creek, in the Mahoning Valley, near Youngstown, which in 1900 was the leading city in the state in the iron and steel industry.[2] On the Lake Erie shore the industry probably dates from 1825, when a furnace was operated in the present county of Lake, east of Cleveland. Furnaces multiplied rapidly in this section during the next twelve years, but declined with the exhaustion of the forests which supplied the charcoal used as fuel. In those early years the most important center for the industry was the celebrated Hanging Rock district, in the south central part of the state, bordering upon the Ohio River. In 1832 a furnace, located in this district, shipped pig iron to New York by way of New Orleans "at a fair profit," and had exported a small amount on order to England.[3] Of the 35,236 tons of iron produced in the state in 1840, 20,574 tons were from the furnaces of Lawrence county, in this district. The first furnace in Ohio to use bituminous coal was built expressly for the purpose in Mahoning county, in 1846, and from that time coal furnaces increased rapidly. At a later date coke became the principal fuel. The state exempted from payment of toll on the canals all fuel to be used in iron works.[4]

Closely allied to the iron and steel manufacture is the manufacture of tin and terne plate, in which industry Ohio ranked third in 1900. There were 12 establishments in operation having products valued at $6,023,314. This manufacture was not shown separately in 1890, and for this reason its statistics for 1900 are shown only in Table 7.

The manufacture of foundry and machine shop products ranked second among the industries of the state in 1900, with 861 establishments, 41,799 wage-earners, and products valued at $72,399,632. In 1890 there were 600 establishments, 24,795 wage-earners, and products valued at $43,617,072. The increase in the value of products during the decade was $28,782,560, or 66 per cent. These products included engines, boilers, and machinery of many varieties. The industry is carried on extensively in all the leading cities of the state, but Cleveland and Cincinnati, in the order named, are the most important centers. In 1900 Ohio led all other states in the manufacture of metal-working machinery, and ranked third in the manufacture of pumping machinery. The manufacture of machine tools and wood-working machinery is made a specialty at Cincinnati; mining machines are made at Akron and Columbus, and machine tools at Hamilton. Machinery, stoves, and machine tools are exported.[5] The manufacture of foundry and machine shop products has always been one of the most important in the state, ranking second in 1850 as well as in 1900. In the early years of the century it was confined very largely to the city of Cincinnati, being favored in that locality by cheap water communication with the coal fields of Pennsylvania, West Virginia, and southern Ohio, and by the facilities for receiving pig and other crude iron from the Pittsburg district. The states of the Mississippi Valley have always constituted the principal market for Ohio machinery. A shop for the manufacture of cotton and woolen machinery was built at Cincinnati in 1809.[6] Steam navigation on the Ohio and Mississippi rivers created a demand for steamboats and steam engines, which was the chief cause of the great prosperity this city enjoyed between the years 1820 and 1832. In 1835 its foundries and machine shops manufactured 100 steam engines, 240 cotton gins, 20 sugar mills, and 22 boilers.[7] Between 1831 and 1841, 1,500 plantation cotton-spinning machines were sent to the South from a single machine shop at Cincinnati.[8] In 1851 there were 44 foundries and machine shops in that city. One-third of these manufactured stoves almost exclusively, as many as 1,000 stoves being produced in a single day.[9] The first steam fire engines put into regular service in the United States were built at Cincinnati in 1853.[10]

There were 1,150 establishments engaged in 1900 in the manufacture of flouring and grist mill products, the industry third in rank, with 2,438 wage-earners, and products valued at $37,390,367. In 1890 there were 910 establishments, 3,311 wage-earners, and products valued at $39,468,409. The decrease in the value of products during the decade was $2,078,042, or 5.3 per cent. Ohio ranked third in the United States in this industry in 1900. The most important of the products was wheat flour, valued at $26,060,827. The mills were widely scattered over the state, the greatest value of products being shown for Lucas county, which includes the city of Toledo. Ohio is the easternmost state in the corn belt. It produced 99,048,816 bushels of corn in 1899, and 39,998,006 bushels of wheat, ranking seventh in the former and third in the latter.[11] Flour and grist milling is one of the oldest industries in Ohio, flour having been sent to New Orleans as early as 1803.[12] In 1814 a nine-storied steam flour mill, famous in its day, was built at Cincinnati. In 1815

[1] Treasury Department: Monthly Summary of Commerce and Finance for January, 1901, page 1699.

[2] Tenth Census of the United States, Manufactures, folio 838 ff.

[3] Documents Relative to Manufactures in the United States in 1832, Twenty-second Congress, first session, Executive Document No. 308, part 2, pages 861 and 866.

[4] Hunt's Merchants' Magazine, vol. 25, page 126.

[5] Report of the Cincinnati Chamber of Commerce, 1900, page 107.

[6] A Picture of Cincinnati, 1815, by Daniel Drake, page 143.

[7] Western Monthly Magazine, January, 1836, page 27.

[8] Cincinnati in 1841, by Charles Cist, page 250.

[9] Cincinnati in 1851, by Charles Cist, page 192.

[10] One Hundred Years of American Commerce, Vol. II. page 345.

[11] Yearbook of the Department of Agriculture, 1899, pages 765 and 766.

[12] The Journal of a Tour, supra cit., page 146.

large quantities of Indian meal were exported to the West Indies.[1] In 1817 the first warehouse in Toledo for the receipt of grain was built, and in 1838 grain supplies began to reach that city from southern Michigan. In the same year a crude horsepower corn elevator was built, the first, it is claimed, to be constructed in the West.[2] The completion of the Wabash Canal in 1851, and of the Toledo, Wabash, and Western Railroad in 1856, diverted to Toledo the greater part of the traffic of central Indiana and Illinois, at that time the most productive region of the West.[3] In 1899 Toledo stood sixth in rank in grain receipts, and fourth in rank in corn receipts, among the primary grain markets of the United States.[4]

There were 190 establishments engaged in the manufacture of liquors in 1900, with 3,978 wage-earners, and products valued at $31,771,591. In 1890 there were 179 establishments, 3,666 wage-earners, and products valued at $28,484,290. The increase in the value of products during the decade was $3,287,301, or 11.5 per cent. These products included, in 1900, malt liquors valued at $18,522,639, distilled liquors valued at $12,447,268, and vinous liquors valued at $801,684.

The relative importance of the production of malt and distilled liquors has been reversed during the last half century. In 1850 the production of distilled liquors was valued at $3,040,604, and the production of malt liquors at only $528,998. The distribution of the malt liquor industry in 1900 corresponded approximately to the distribution of population. The distillation of liquors in the state has always been greatest at Cincinnati, where it is favored by the large corn production of Ohio, Kentucky, and Indiana. Ohio ranked third in this industry in 1900, the distilled liquors produced in Cincinnati being valued at $9,419,687, or 75.7 per cent of the total for the state. The industry was carried on in Ohio at least as early as 1803, when whiskey was sent from Cincinnati to New Orleans.[5] At the census of 1810, distilleries were reported in each of the 36 counties of the state, producing in all, 1,212,266 gallons of whiskey. Several of the largest distilleries in the world are located at Cincinnati, and some of the whiskey produced is exported.[6]

The cultivation of Catawba grapes and the manufacture of wine were begun in the Ohio Valley about the year 1825.[7] In 1851 there were 40 manufacturers of wine in the city of Cincinnati. About the year 1858 the climate of southern Ohio became unfavorable to the culture of grapes, and grape growing and wine manufacturing have localized recently in the counties along the shore of Lake Erie, the most important centers being near Kelleys and Put In Bay islands, where there are 6,000 acres of vineyards. In 1900 Ohio ranked third in the United States in this branch of the industry.

There were 1,196 establishments engaged in the manufacture of tobacco in 1900, with 12,180 wage-earners, and products valued at $20,832,629. In 1890 there were 995 establishments, 8,259 wage-earners, and products valued at $16,387,719. The increase in the value of products during the decade was $4,444,910, or 27.1 per cent. In 1900 the products included chewing and smoking tobacco and snuff, valued at $5,752,853; cigars and cigarettes, valued at $11,239,824; and stemmed and rehandled tobacco, valued at $3,839,952. The manufacture is carried on most largely at Cincinnati. The southwestern part of Ohio and the north central part of Kentucky, immediately opposite. constitute one of the largest tobacco-growing regions in the United States. Tobacco manufacturing was probably carried on in Ohio before the year 1810, a tobacconist having reported in 1832 that he had been manufacturing at Cincinnati by steam power for five years, and by horsepower for twenty years previously.[8]

There were 2,054 establishments engaged in the manufacture of lumber and timber products in 1900, with 8,539 wage-earners, and products valued at $20,790,854. In 1890 there were 1,461 establishments, 11,727 wage-earners, and products valued at $15,279,843. The increase in the value of products during the decade was $5,511,011, or 36.1 per cent. The characteristic product of the Ohio mills is hard-wood lumber, more than half of which consists of white oak. The small quantities of white and Norway pine lumber manufactured in the state were reported from points along the Lake Erie shore, particularly from Cleveland and Toledo. Cincinnati was the point of greatest production in the state during the census year, the 6 mills reported turning out products, consisting mainly of oak and poplar lumber and veneers, valued at $2,044,650. The total quantity of lumber sawed in the state during the census year was 990,497,000 feet, board measure. The industry was naturally one of the earliest in the history of the state, and its growth has been steady during the half century. Lumber and staves were sent to New Orleans as early as 1803,[5] and in 1815 a steam sawmill was in operation at Cincinnati.[9]

There were 71 establishments engaged in slaughtering and meat packing in 1900, with 1,765 wage-earners, and products valued at $20,660,780. In 1890 there were 138 establishments, 1,346 wage-earners, and products valued at $17,012,198. The increase in the value of products during the decade was $3,648,582, or 21.4 per cent. Cincinnati has always been the chief center of this industry. In 1900 the production of this city was valued at $10,370,177, or 50.2 per cent of the total for the state, Cleveland ranking second, with products valued at $7,514,470. The earliest packing houses were flat boats on the Ohio River,

[1] A Picture of Cincinnati, 1815, pages 137 and 148.
[2] History of the City of Toledo, and Lucas County, Ohio, by Clark Waggoner, pages 464 and 466.
[3] History of the Maumee Valley, by H. S. Knapp, pages 623 and 624.
[4] Treasury Department: Monthly Summary of Commerce and Finance for January, 1901, page 1642.
[5] The Journal of a Tour, supra cit., page 146.
[6] Report of the Cincinnati Chamber of Commerce, 1900, page 107.
[7] Ohio, by Rufus King, pages 415 to 417.
[8] Documents Relative to Manufactures, supra cit., page 870.
[9] History of Cincinnati, compiled by Henry A. Ford and Mrs Kate B. Ford, page 325.

and in 1803 beef and pork were shipped from Cincinnati to New Orleans.[1] The pioneer establishment of the western packing industry, as now understood, was founded at Cincinnati in 1818, by Elisha Mills.[2] In 1833, 85,000 hogs were packed for the market, and in 1851 the number had increased to 324,529. Between 1842 and 1852 Cincinnati packed 27 per cent of the hogs packed in the United States, and was the first city to receive the sobriquet of Porkopolis on this account. Its preeminence was due to its shipping facilities and to its location close to the junction of Ohio, Kentucky, and Indiana, the three largest hog-raising states in the United States at that time.[3] Since 1861 the center of corn production has moved westward, and Chicago, Kansas City, and Omaha have taken from Cincinnati its early precedence in this industry. Prior to 1872 meat packing in Cincinnati was confined to the winter months. In that year, by means of artificial refrigeration, summer packing was made possible, and the inevitable decline in the industry at Cincinnati was delayed until 1879.

Closely allied to slaughtering and meat packing is the manufacture of soap and candles. There were 55 establishments engaged in this manufacture in 1900, with 1,427 wage-earners, and products valued at $8,150,069. In 1890 there were 49 establishments, 1,013 wage-earners, and products valued at $5,746,660. The increase in the value of products during the decade was $2,403,409, or 41.8 per cent. Over 2,500,000 pounds of candles and over 15,000,000 pounds of soap were made at Cincinnati in 1851.[4]

There were 1,253 establishments engaged in printing and publishing in 1900, with 11,021 wage-earners, and products valued at $20,391,868. In 1890 there were 987 establishments, 9,026 wage-earners, and products valued at $17,188,851. The increase in the value of products during the decade was $3,203,017, or 18.6 per cent. These products included the printing and publishing of newspapers and periodicals, valued at $12,189,640; book and job printing, valued at $7,941,570; and the printing and publishing of music, valued at $260,658. This industry is centered largely in the city of Cincinnati, which has for a long time taken high rank in the publishing of school books and music. A newspaper was published at Cincinnati as early as 1793.[5]

There were 81 establishments engaged in the factory manufacture of boots and shoes in 1900, with 12,718 wage-earners, and products valued at $17,920,854. In 1890 there were 63 establishments, 5,743 wage-earners, and products valued at $8,489,728. The increase in the value of products during the decade was $9,431,126, or 111.1 per cent. These products included women's shoes valued at $12,096,360, and misses' and children's shoes valued at $3,272,732. Ohio has always been the largest boot and shoe manufacturing state west of the Allegheny Mountains, ranking fourth in this industry in 1900. In 1851 there were 5 shoe factories in Cincinnati,[6] and in 1900 this city ranked third in the United States in the manufacture of women's and children's shoes. Columbus and Portsmouth were also important centers. The industry is favored by the large western market and by the local production of leather.

There were 539 establishments engaged in the factory manufacture of men's clothing in 1900, with 6,521 wage-earners, and products valued at $16,593,824. In 1890 there were 508 establishments, 15,210 wage-earners, and products valued at $20,604,134. The decrease in the value of products during the decade was $4,010,310, or 19.5 per cent. Allied to this industry is the factory manufacture of women's clothing, with 126 establishments in 1900, 4,817 wage-earners, and products valued at $7,772,771. In 1890 there were 31 establishments, 2,546 wage-earners, and products valued at $4,352,098. The increase in the value of products during the decade was $3,420,673, or 78.6 per cent. The greater part of the clothing manufacture of Ohio has always been carried on in Cincinnati. In 1832 a tailor in that city employed 6 men and 8 women, and had begun to make clothing for the outside market.[7] The factory manufacture of men's clothing advanced rapidly until 1880; there was only a slight gain during the next decade, and a decline between 1890 and 1900. In addition to the 813 wage-earners employed in the shops of Cincinnati in 1841, nearly 4,000 women were engaged in this industry at their homes.[8] The products of these factories found a market in all the states of the South and West. In 1894 much of the manufacturing was still carried on at the homes of the workers in Cincinnati and the neighboring towns, and in the cities of Covington and Newport in Kentucky.[9] The factory manufacture of women's clothing has developed recently, alongside the factory manufacture of men's clothing, and its advance has been continuous. In 1900 the value of products in Cleveland was $4,213,248, compared with $2,074,805 in Cincinnati.

There were 543 establishments engaged in the manufacture of carriages and wagons in 1900, with 7,274 wage-earners, and products valued at $15,919,173. In 1890 there were 709 establishments, 9,493 wage-earners, and products valued at $18,777,866. The decrease in the value of products during the decade was $2,858,693, or 15.2 per cent. These products included family and pleasure carriages valued at $11,271,303, business and farm wagons valued at $2,576,867, and automobiles and other horseless conveyances valued at $147,000. Ohio ranked first in this industry in 1900.

Closely allied to the manufacture of carriages and wagons

[1] The Journal of a Tour, supra cit., page 146.
[2] Philip D. Armour, in One Hundred Years of American Commerce, Vol. II, page 383 ff.
[3] Hunt's Merchants' Magazine, vol. 25, page 432.
[4] Cincinnati in 1851, page 285.
[5] Tenth Census of the United States, Vol. VIII, The Newspaper and Periodical Press, page 314.
[6] Cincinnati in 1851, page 176.
[7] Documents Relative to Manufactures, supra cit., page 870.
[8] Cincinnati in 1841, page 57.
[9] Report of the Ohio Bureau of Labor Statistics, 1894, page 57 ff.

is the manufacture of carriage and wagon materials. There were 109 establishments engaged in this industry in 1900, with 4,529 wage-earners, and products valued at $7,186,271. In 1890 there were 99 establishments, 2,697 wage-earners, and products valued at $4,310,607. The increase in the value of products during the decade was $2,875,664, or 66.7 per cent. These products included carriage and wagon bodies, wheels, spokes, and other parts. These two branches of the industry were carried on most extensively at Cincinnati and Columbus, lighter vehicles being made a specialty. Their importance is due in a large measure to the abundance of hard-wood timber and leather. Carriage manufacturing was one of the early industries of Cincinnati. It is recorded that the first steel-spring gig ever seen in that city was manufactured there in 1825.[1] In 1851, 24 factories were in operation in Cincinnati.[2]

There were 78 establishments engaged in the manufacture of agricultural implements in 1900, with 6,852 wage-earners, and products valued at $13,975,268. In 1890 there were 106 establishments, 7,701 wage-earners, and products valued at $14,333,258. The decrease in the value of products during the decade was $357,990, or 2.5 per cent. Ohio ranked first in this industry in 1880, and second in 1890 and 1900. Plow making was carried on in a crude manner in Cincinnati as early as 1813,[1] and in 1832 an establishment in Columbus manufactured 1,500 plows per annum.[3] The preeminence of the state in agriculture created an extensive market in the middle of the century, while the forests of hard wood and the local or nearby manufactures of iron furnished abundant supplies of the chief materials. What has grown to be one of the largest factories of its kind in the United States was established at Springfield in 1854. Important centers in 1900 were Springfield, Dayton, Canton, and Akron. Each year whole train loads of these products leave Springfield for the West and Northwest, and for Eastern ports to be shipped to Russia, Australia, and other grain-growing countries.

There were 91 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 11,534 wage-earners, and products valued at $12,975,182. In 1890 there were 64 establishments, 7,397 wage-earners, and products valued at $8,096,905. The increase in the value of products during the decade was $4,878,277, or 60.2 per cent. The industry is centered in the cities of Columbus, Cleveland, Dennison, and Toledo. In addition to repairing, which constituted the greater part of the work of these establishments, 9 passenger cars and 1,334 freight cars were built during the census year.

There were 248 establishments engaged in the manufacture of pottery, terra cotta, and fire-clay products in 1900, with 11,870 wage-earners, and products valued at $11,851,225. In 1890 there were 125 establishments, 4,606 wage-earners, and products valued at $5,047,501. The increase in the value of products during the decade was $6,803,724, or 134.8 per cent. The pottery products were valued at $6,994,805, and the terra cotta, fire and other clay products at $4,843,615. Ohio rose from second to first rank in this industry between 1890 and 1900. In the latter year the total value of its pottery, terra cotta, and fire-clay products constituted 26.8 per cent of the total for the United States. The rank of Ohio in this industry is due very largely to the development of its extensive deposits of suitable clays.[4] The value of special technical training in this line is appreciated, and a department of ceramics was established in the State University at Columbus in 1894.[5]

The manufacture of white ware, the most important of the several branches of the industry, is carried on chiefly in the city of East Liverpool, on the Ohio River, in the eastern part of the state. This city is unique in the United States in that its industrial activity is confined almost entirely to the manufacture of pottery. Of the 4,473 wage-earners employed in all industries in this city in 1900, 3,908, or 87.4 per cent, were employed in the pottery manufacture. The manufacture of yellow ware has been carried on at this point since 1839, but the manufacture of white ware, begun in 1872, has become the more important branch of the industry. In 1900 the white granite ware and semivitreous porcelain manufactured in East Liverpool were valued at $2,808,445, or 49.1 per cent of the total for the United States. The manufacture of white ware does not have the advantages of suitable clays near at hand, the kaolin and other fine clays used for the manufacture of china and porcelain being brought from a considerable distance. The remarkable development of the manufacture in East Liverpool, between 1872 and 1892, was due chiefly to the supply of specially skilled labor which had been attracted to that point from English pottery centers, in order to engage in the manufacture of coarser wares.

Zanesville, Roseville, and Akron have always been important centers for the manufacture of yellow and earthen ware, the industry in the early years of the century being carried on chiefly by farmers, who made use of the clays found in abundance on their lands. Products were sent down the Muskingum to markets on the Ohio River, and even to New Orleans. In recent years, however, the farmer-potter has been driven from the field by the concentration which has followed the introduction of improved machinery. Art tiling is manufactured extensively at Zanesville, and since 1880 Cincinnati has been an important center for the manufacture of art pottery. Ohio manufactures more than one-third of the sewer pipe made in the United States. There are large factories at and near Akron, and for many miles along the Ohio River. The manufacture was begun in the state in 1848, and considerable quantities of pipe are exported.

Allied to the manufacture of pottery is the manufacture of brick and tile, the statistics of which are shown in

[1] History of Cincinnati, page 324.
[2] Cincinnati in 1851, page 183.
[3] Documents Relative to Manufactures, supra cit., page 862.
[4] Report of the Geological Survey of Ohio, Vol. V, page 643 ff.
[5] Report of the Ohio Bureau of Labor Statistics, 1895, page 9 ff.

Table 7. The products for the year 1900 were valued at $4,629,587. This industry is carried on in Ohio, not chiefly for the supply of local building needs, as in most other states, but for the general market. Vitrified paving brick is made in large quantities at Zanesville and Canton and sent into many other states. Pressed brick is also an important product in Zanesville. The first pressed brick manufactured west of the Ohio River was made in that city in 1861.

There were 354 establishments engaged in the manufacture of planing mill products in 1900, with 4,696 wage-earners, and products valued at $11,066,671. In 1890 there were 335 establishments, 5,356 wage-earners, and products valued at $12,910,538. The decrease in the value of products during the decade was $1,843,867, or 14.3 per cent.

There were 165 establishments engaged in the factory manufacture of furniture in 1900, with 6,723 wage-earners, and products valued at $9,514,764. In 1890 there were 215 establishments, 7,076 wage-earners, and products valued at $9,988,129. The decrease in the value of products during the decade was $473,365, or 4.7 per cent. This industry began at an early date in Ohio, the manufacture of desks, escritoires, and veneered tables being advertised in a local newspaper in 1800, and in 1815 mahogany was brought from Central America to be manufactured into tables, chairs, and bureaus at Cincinnati.[1] The manufacture was carried on largely during the census year at Cincinnati and Cleveland. The first-named city is an important market for the hard-wood lumber of Kentucky, Tennessee, and West Virginia, and the furniture manufactured is shipped throughout the middle West, and exported.[2]

There were 9 establishments engaged in the refining of petroleum in 1900, with 1,008 wage-earners, and products valued at $8,396,977. In 1890 there were 15 establishments, 1,976 wage-earners, and products valued at $16,343,493. The decrease in the value of products during the decade was $7,946,516, or 48.6 per cent. In 1899 the wells of Ohio produced more petroleum than those of any other state, the greater part of which was shipped, or piped, to refineries in other states.[3] In 1900 Ohio ranked fifth in the refining industry, Lima, Cleveland, and Toledo being the principal centers.

There were 19 establishments engaged in the manufacture of rubber and elastic goods in 1900, with 3,505 wage-earners, and products valued at $7,330,104. In 1890 there were 7 establishments, 658 wage-earners, and products valued at $1,486,777. The increase in the value of products during the decade was $5,843,327, or 393 per cent. Rubber and elastic goods valued at $5,524,674, or 75.4 per cent of the total for the state, were reported for Akron, this city being one of the most important centers of the industry in the United States.

There were 31 establishments engaged in the manufacture of food preparations in 1900, with 1,100 wage-earners, and products valued at $7,166,532. In 1890 there were 35 establishments, 270 wage-earners, and products valued at $1,029,842. The increase in the value of products during the decade was $6,136,690, or 595.9 per cent.

There were 51 establishments engaged in the manufacture of paper and wood pulp in 1900, with 3,184 wage-earners, and products valued at $6,543,513. In 1890 there were 50 establishments, 2,921 wage-earners, and products valued at $7,209,750. The decrease in the value of products during the decade was $666,237, or 9.2 per cent. These products included manila paper valued at $1,368,700, book paper valued at $942,642, and strawboard valued at $800,038. The industry is carried on largely in Butler, Montgomery, and Warren counties. The first mill in Ohio was built in 1805 on Little Beaver Creek, in the eastern part of the state,[4] and in 1832 there were 8 paper factories in operation at and above Cincinnati, for the supply of the book and news printing industry of that city.[5]

There were 64 establishments engaged in the manufacture of electrical apparatus and supplies in 1900, with 3,773 wage-earners, and products valued at $6,504,847. In 1890 there were 11 establishments, 348 wage-earners, and products valued at $604,780. The increase in the value of products during the decade was $5,900,067, or 975.6 per cent. One of the largest plants in the world for the manufacture of carbon points for arc lights is located at Cleveland.[6]

There were 26 establishments engaged in the roasting and grinding of coffee and spice in 1900, with 678 wage-earners, and products valued at $5,849,644. In 1890 there were 32 establishments, 488 wage-earners, and products valued at $7,806,763. The decrease in the value of products during the decade was $1,957,119, or 25.1 per cent.

There were 58 establishments engaged in the tanning, currying, and finishing of leather in 1900, with 1,384 wage-earners, and products valued at $5,182,065. In 1890 there were 113 establishments, 1,447 wage-earners, and products valued at $6,701,670. The decrease in the value of products during the decade was $1,519,605, or 22.7 per cent. The most extensive operations were at Cincinnati. There were 6 tanneries in that city in 1815,[7] and large quantities of Ohio leather were shipped to New York in 1847, the greater part of which was exported to England.[8] The value of products increased between 1850 and 1880, but has decreased since that year. The industry has been

[1] History of Cincinnati, pages 324 and 326.
[2] Report of the Cincinnati Chamber of Commerce, 1900, page 107.
[3] United States Geological Survey: Mineral Resources, 1899, Nonmetallic Products, except Coal and Coke, page 88.
[4] Eighth Census of the United States, Manufactures, Introduction, page cxxv.
[5] Documents Relative to Manufactures, supra cit., page 868.
[6] One Hundred Years of American Commerce, Vol. II page 379.
[7] A Picture of Cincinnati, 1815, page 146.
[8] Hunt's Merchants' Magazine, vol. 17, page 93.

favored until recently by the abundance of oak bark available for tanning purposes.

There were 28 establishments engaged in the manufacture of glass in 1900, with 4,546 wage-earners, and products valued at $4,547,083. In 1890 there were 59 establishments, 6,435 wage-earners, and products valued at $5,649,182. The decrease in the value of products during the decade was $1,102,099, or 19.5 per cent. These products included tableware valued at $668,469; beer, soda, and mineral water bottles valued at $637,428; and lamp chimneys valued at $622,721. In 1815 a glass factory was built at Cincinnati, and at the census of 1820 window glass and hollow ware were shown among the manufactures of that city. In 1831 a window-glass works was reported at Zanesville, and another at Moscow.[1] The industry first became of importance in Ohio between 1880 and 1890, in consequence of the use of natural gas, and declined somewhat between 1890 and 1900, because of the removal of many factories to the Indiana gas region. Oil, also, was used as a fuel to some extent during the census year, the cost of natural gas and oil amounting to $142,515, or 57.1 per cent of the total cost of fuel used in the industry. Since the introduction of natural gas as a fuel in glass works at Findlay, in 1884, there has been a continual change in the distribution of the industry in the state, factories moving rapidly from one locality to another as the earlier gas fields became exhausted and new fields were opened up.[2] The industry was largely carried on in 1900 in Belmont, Lucas, and Licking counties.

In addition to the industries included in Table 3, attention is directed to two other industries, the statistics of which are shown in Table 7. There were 5 establishments engaged in the manufacture of cash registers in 1900, with products valued at $5,414,711. The city of Dayton is one of the chief centers for this manufacture in the United States, the value of its products being $4,927,261, or 91 per cent of the total for the state. There were 20 establishments engaged, in 1900, in the manufacture of grindstones, with products valued at $906,459. The importance of this industry is due to the existence, in the vicinity of Cleveland, of a superior variety of sandstone known as the "Berea grit." By far the greater part of the grindstones manufactured in the United States are made in Ohio, and considerable quantities are exported.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Akron, Canton, Cincinnati, Cleveland, Columbus, Dayton, Springfield, Toledo, Youngstown, and Zanesville, as returned at the censuses of 1890 and 1900, with the percentages of increase.

[1] Tenth Census of the United States, Manufactures, folio 1135.

[2] Testimony of the Ohio State Geologist, supra cit.

TABLE 4.—COMPARATIVE SUMMARY, AKRON, CANTON, CINCINNATI, CLEVELAND, COLUMBUS, DAYTON, SPRINGFIELD, TOLEDO, YOUNGSTOWN, AND ZANESVILLE, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
The State	1900	32,398	$605,792,266	345,869	$153,955,330	$69,728,206	$447,849,677	$832,438,118
	1890	28,673	402,793,019	292,982	128,447,799	45,062,325	341,016,464	641,688,064
Per cent of increase		13.0	50.4	18.1	19.9	54.7	31.3	29.7
Akron	1900	431	24,199,310	9,030	3,971,307	1,779,804	13,474,282	23,610,099
	1890	350	14,237,429	5,803	2,693,305	977,471	6,928,481	12,550,638
Per cent of increase		23.1	70.0	55.6	47.5	82.1	94.5	88.1
Canton	1900	502	10,094,813	6,455	2,970,245	1,081,809	5,604,399	12,258,427
	1890	420	11,387,406	6,360	3,208,641	952,010	4,948,508	11,881,810
Per cent of increase		19.5	[1] 11.4	1.5	[1] 7.4	13.6	13.3	3.2
Cincinnati	1900	5,127	109,582,142	63,240	27,189,069	22,873,620	77,539,292	157,806,834
	1890	7,832	104,483,032	84,167	36,728,511	19,937,152	92,545,231	196,063,983
Per cent of increase		[1] 34.5	4.9	[1] 24.9	[1] 26.0	14.7	[1] 16.2	[1] 19.5
Cleveland	1900	2,927	98,303,682	58,810	27,892,689	11,565,697	71,597,595	139,849,806
	1890	2,307	69,732,761	45,915	23,507,940	4,902,256	65,645,649	113,240,115
Per cent of increase		26.9	41.0	28.1	18.7	135.9	9.1	23.5
Columbus	1900	914	25,392,136	17,066	7,718,824	4,014,022	20,194,532	39,666,848
	1890	708	16,178,703	12,053	5,658,096	1,715,056	11,183,710	22,887,586
Per cent of increase		29.1	56.9	41.6	36.4	134.0	80.6	73.3
Dayton	1900	1,096	28,027,518	16,869	7,959,792	3,295,885	16,800,911	35,697,695
	1890	937	13,469,964	10,614	4,737,383	1,459,655	11,686,149	22,446,572
Per cent of increase		17.0	108.1	58.9	68.0	125.8	43.8	59.0
Springfield	1900	305	14,091,175	6,638	3,160,119	1,286,798	5,569,261	12,777,173
	1890	372	14,567,931	6,101	2,662,672	1,046,292	4,752,062	10,760,965
Per cent of increase		[1] 18.0	[1] 3.3	8.8	18.7	23.0	17.2	18.7
Toledo	1900	1,050	25,591,916	15,383	6,845,687	3,068,389	21,986,798	37,372,355
	1890	734	12,700,372	9,247	4,333,322	1,246,042	12,189,924	21,651,574
Per cent of increase		43.1	101.5	66.4	58.0	146.3	80.4	72.6
Youngstown	1900	260	22,360,097	9,150	4,951,460	968,636	23,541,769	34,801,101
	1890	245	7,542,742	5,486	3,295,952	462,785	9,380,929	14,667,260
Per cent of increase		6.1	196.4	66.8	50.2	109.3	151.0	137.3

[1] Decrease.

TABLE 4.—COMPARATIVE SUMMARY, AKRON, CANTON, CINCINNATI, CLEVELAND, COLUMBUS, DAYTON, SPRINGFIELD, TOLEDO, YOUNGSTOWN, AND ZANESVILLE, 1890 AND 1900, WITH PER CENT OF INCREASE—Continued.

	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Zanesville	1900	293	$5,162,067	4,603	$1,786,005	$365,338	$3,756,489	$7,468,839
	1890	301	4,200,409	3,388	1,325,590	393,616	3,331,626	6,053,484
Per cent of increase		[1]2.7	22.9	35.9	34.7	[1]7.2	12.8	23.4
Total for 10 cities	1900	12,905	362,804,856	207,244	94,445,197	50,299,998	260,065,328	501,309,177
	1890	14,206	268,500,749	189,134	88,151,412	33,092,335	222,592,269	432,203,987
Per cent of increase		[1]9.2	35.1	9.6	7.1	52.0	16.8	16.0
Per cent of 10 cities to total for state	1900	39.8	59.9	59.9	61.3	72.1	58.1	60.2
	1890	49.5	66.7	64.6	68.6	73.4	65.3	67.4

[1] Decrease.

It appears from Table 4 that there has been a considerable increase during the past decade in the combined manufactures of these 10 cities. The average number of wage-earners increased from 189,134 to 207,244, or 9.6 per cent, and the value of products from $432,203,987 to $501,309,177, or 16 per cent, but the number of establishments decreased from 14,206 to 12,905, or 9.2 per cent. The percentage of increase in the average number of wage-earners and in the value of products was smaller in these cities than in the state as a whole. The city of Youngstown shows the most rapid growth, the value of products having increased from $14,667,260 to $34,801,101, or 137.3 per cent. In Cincinnati, the leading manufacturing city in the state, the number of establishments decreased from 7,832 to 5,127, or 34.5 per cent; the average number of wage-earners from 84,167 to 63,240, or 24.9 per cent; and the value of products from $196,063,983 to $157,806,834, or 19.5 per cent. The number of establishments, number of wage-earners, and value of products, in this city in 1900, constituted 15.8, 18.3, and 19 per cent, respectively, of the totals for the state.

The value of products manufactured in the cities of Cincinnati and Cleveland amounted in 1880 to $153,859,215 and in 1900 to $297,656,640, constituting 44.2 and 35.8 per cent, respectively, of the totals for the state. There has been a noteworthy change in the relative positions of these cities during the century. Cincinnati was founded first, and developed early as a manufacturing city. In 1840 the capital invested in manufactures in this city was $7,469,912, compared with $128,632 in the city of Cleveland. During the first half of the century, the latter was chiefly a commercial center, but its development since 1860 as a manufacturing center has been rapid. The value of its products in 1900, $139,849,806, was almost equal to that of Cincinnati, $157,806,834.

The leading manufacturing industries of Cincinnati, in the order of their importance, were clothing, men's, factory product; foundry and machine shop products; slaughtering and meat packing; liquors, distilled; boots and shoes, factory product; liquors, malt; carriages and wagons; tobacco, cigars and cigarettes; and furniture, factory product.

In Cleveland, the city second in rank, the leading manufacturing industries were iron and steel; foundry and machine shop products; slaughtering and meat packing; clothing, women's, factory product; liquors, malt; clothing, men's, factory product; electrical apparatus and supplies; shipbuilding, iron and steel; petroleum, refining; bridges; and iron and steel, bolts, nuts, washers, and rivets.

In Columbus, the city third in rank, the leading manufacturing industries were iron and steel; foundry and machine shop products; boots and shoes, factory product; cars and general shop construction and repairs by steam railroad companies; carriages and wagons; liquors, malt; patent medicines and compounds; and oleomargarine.

In Toledo, the city fourth in rank, the leading manufacturing industries were flouring and grist mill products; coffee and spice, roasting and grinding; foundry and machine shop products; bicycles and tricycles; liquors, malt; petroleum, refining; lumber and timber products; and oil, linseed.

In Dayton, the city fifth in rank, the leading manufacturing industries were foundry and machine shop products; cash registers; cars, steam railroad, not including operations of railroad companies; tobacco, cigars and cigarettes; agricultural implements; slaughtering and meat packing; sewing machines and attachments; tobacco, stemming and rehandling; and liquors, malt.

In Youngstown, the city sixth in rank, the leading manufacturing industries were iron and steel; foundry and machine shop products; iron and steel pipe, wrought; and lumber, planing mill products.

In Akron, the city seventh in rank, the leading manufacturing industries were food preparations; rubber and elastic goods; foundry and machine shop products; printing and publishing, book and job; agricultural implements; pottery, terra cotta, and fire-clay products; oilcloth, enameled; and flouring and grist mill products.

In Springfield, the city eighth in rank, the leading manufacturing industries were agricultural implements; foundry and machine shop products; and printing and publishing, newspapers and periodicals.

In Canton, the city ninth in rank, the leading manufac-

turing industries were agricultural implements; ironwork, architectural and ornamental; iron and steel; watch cases; and foundry and machine shop products.

In Zanesville, which ranks tenth in Table 4, but which is the city fifteenth in rank in the state, the leading manufacturing industries were pottery, terra cotta, and fire-clay products; soap and candles; agricultural implements; and iron and steel.

Table 5 presents the totals for the manufacturing industries of the 101 cities and villages withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and villages, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	PRODUCTS.			POPULATION.		
				Average number.	Total wages.			Value.	Rank.	Per cent of total.	Total.	Rank.	Per cent of total.
Total for state	32,398	$605,792,266	36,624	345,869	$153,955,330	$69,728,206	$447,849,677	$832,438,113	------	100.0	4,157,545	------	100.0
Total for urban manufactures	21,005	524,748,522	22,979	302,176	136,378,160	64,041,858	380,094,808	719,792,803	------	86.5	1,913,903	------	46.0
Akron	431	24,199,310	427	9,030	3,971,307	1,779,804	13,474,282	23,610,099	7	2.8	42,728	7	1.0
Alliance	145	5,804,953	158	1,749	784,989	160,343	1,906,204	3,730,144	27	0.4	8,974	32	0.2
Ashtabula	90	764,127	80	440	188,562	67,950	575,249	997,848	71	0.1	12,949	23	0.3
Athens	39	306,632	45	215	95,865	27,671	158,314	366,052	96	(1)	3,066	91	0.1
Barberton	27	3,366,386	26	1,115	461,082	323,720	1,804,453	3,256,844	31	0.4	4,354	76	0.1
Barnesville	56	503,124	68	418	183,033	37,903	358,674	657,060	83	0.1	3,721	83	0.1
Bellaire	94	8,612,811	97	2,141	923,305	250,403	6,129,193	9,150,462	12	1.1	9,912	29	0.2
Bellefontaine	104	620,585	119	713	311,942	44,706	662,703	1,189,201	67	0.1	6,649	51	0.2
Bellevue	38	661,742	37	301	125,986	25,057	539,671	834,880	76	0.1	4,101	77	0.1
Bridgeport	23	1,717,473	23	1,614	911,421	61,653	2,874,661	4,793,847	25	0.6	3,963	79	0.1
Bryan	59	315,671	75	180	73,054	24,232	208,349	396,757	95	(1)	3,131	90	0.1
Bucyrus	91	1,011,031	103	751	338,535	73,535	557,220	1,300,327	64	0.2	6,560	53	0.2
Cambridge	65	1,201,662	74	849	523,339	82,401	1,438,670	2,459,368	41	0.3	8,241	37	0.2
Canal Dover	75	1,931,838	79	1,507	721,242	128,719	2,026,574	3,380,494	30	0.4	5,422	65	0.1
Canton	502	10,094,813	541	6,455	2,970,245	1,081,809	5,604,399	12,258,427	9	1.5	80,667	9	0.7
Carthage	24	404,420	27	369	143,361	802,443	415,216	1,557,273	56	0.2	2,559	100	0.1
Celina	34	149,000	43	153	58,314	11,881	235,619	410,097	94	(1)	2,815	95	0.1
Chillicothe	115	914,447	128	1,223	454,644	96,614	914,665	1,709,895	53	0.2	12,976	22	0.3
Cincinnati	5,127	109,582,142	5,805	63,240	27,189,069	22,873,620	77,539,292	157,806,834	1	19.0	325,902	2	7.8
Circleville	83	1,168,592	113	686	221,470	59,518	1,273,874	1,933,996	48	0.2	6,991	48	0.2
Cleveland	2,927	98,303,682	3,078	58,810	27,892,689	11,565,697	71,597,595	139,849,806	2	16.8	381,768	1	9.2
Columbus	914	25,392,136	968	17,066	7,718,824	4,014,022	20,194,532	39,666,848	3	4.8	125,560	4	3.0
Conneaut	68	595,115	87	651	285,634	36,192	540,056	1,008,423	70	0.1	7,133	46	0.2
Coshocton	48	806,023	44	1,088	339,120	66,647	778,215	1,438,912	61	0.2	6,473	55	0.1
Cuyahoga Falls	27	906,439	32	522	253,292	58,794	921,147	1,462,767	60	0.2	3,186	89	0.1
Dayton	1,096	28,027,518	1,197	16,869	7,959,792	3,295,885	16,800,911	35,697,695	5	4.3	85,333	5	2.0
Defiance	100	1,141,426	115	936	356,951	87,931	814,712	1,609,834	54	0.2	7,579	43	0.2
Delaware	69	566,596	82	655	248,446	57,188	351,467	846,645	75	0.1	7,940	39	0.2
Delphos	59	369,524	72	286	119,202	37,197	225,928	519,730	90	0.1	4,517	75	0.1
Dennison	83	378,143	34	892	524,693	73,480	584,396	1,295,334	65	0.2	3,763	82	0.1
East Liverpool	162	5,056,198	173	4,473	2,150,938	341,135	1,759,408	5,459,043	22	0.7	16,485	18	0.4
Elmwood Place	23	770,096	26	301	153,168	8,227	441,813	743,536	79	0.1	2,532	101	0.1
Elyria	76	1,778,819	69	968	391,841	137,958	999,280	1,760,500	51	0.2	8,791	33	0.2
Findlay	252	2,152,202	309	1,478	633,505	165,613	1,122,537	2,514,356	40	0.3	17,613	17	0.4
Fostoria	92	1,532,627	97	795	278,529	54,550	2,103,515	2,645,205	37	0.3	7,730	41	0.2
Franklin	39	448,290	39	296	119,118	15,891	521,908	864,036	74	0.1	2,724	98	0.1
Fremont	156	2,616,545	185	1,504	599,286	152,323	1,322,880	2,621,951	39	0.3	8,439	36	0.2
Galion	65	916,488	69	891	367,410	63,906	679,921	1,309,129	63	0.2	7,282	45	0.2
Gallipolis	89	491,907	91	458	159,479	54,833	368,482	731,063	80	0.1	5,432	64	0.1
Greenville	97	349,412	119	330	109,192	24,991	377,601	642,503	84	0.1	5,501	63	0.1
Hamilton	222	12,575,821	219	5,850	2,626,084	803,481	5,535,568	12,003,316	10	1.4	23,914	10	0.6
Hillsboro	48	331,539	49	293	114,135	18,140	305,399	574,988	87	0.1	4,535	74	0.1
Ironton	112	3,321,219	105	1,758	767,394	178,236	3,299,905	5,715,112	21	0.7	11,868	26	0.3
Jackson	43	454,008	44	147	60,363	16,399	256,791	510,111	91	0.1	4,672	70	0.1
Kent	59	723,218	60	945	405,237	18,195	1,079,937	1,599,562	55	0.2	4,541	73	0.1
Kenton	95	886,687	100	653	266,299	94,815	540,074	1,118,629	68	0.1	6,852	49	0.2
Lancaster	100	1,537,272	103	1,287	614,609	97,284	1,197,266	2,219,695	44	0.3	8,991	31	0.2
Lebanon	72	223,705	77	179	84,902	9,400	334,820	571,832	88	0.1	2,867	94	0.1
Leetonia	32	2,121,818	36	496	280,162	102,977	1,943,900	2,725,457	86	0.3	2,744	97	0.1
Lima	195	5,487,584	230	2,223	1,050,780	277,408	4,156,028	6,705,136	17	0.8	21,723	12	0.5
Lockland	56	2,313,049	51	596	230,750	228,010	1,232,579	2,300,960	43	0.3	2,695	99	0.1
Lorain	59	12,343,937	57	2,221	1,115,589	615,457	6,544,799	9,547,952	11	1.1	16,028	19	0.4
Mansfield	251	5,760,746	293	3,160	1,217,457	307,182	3,195,033	7,084,509	16	0.8	17,640	16	0.4
Marietta	278	2,189,345	335	2,183	938,315	214,726	1,899,637	3,895,498	26	0.5	13,348	21	0.3
Marion	84	3,340,321	78	1,552	699,065	306,033	1,200,756	2,841,903	35	0.3	11,862	27	0.3
Martins Ferry	50	1,802,871	56	967	543,416	90,518	1,953,872	2,968,648	34	0.4	7,760	40	0.2
Marysville	47	179,325	68	236	82,699	20,506	165,241	347,283	98	(1)	3,048	92	0.1
Massillon	134	4,444,400	149	1,836	914,245	172,155	1,563,257	3,404,012	29	0.4	11,944	25	0.3
Miamisburg	66	1,500,248	64	1,006	400,143	83,122	1,300,713	2,131,005	45	0.3	3,941	80	0.1
Middleport	38	197,039	39	225	69,325	13,022	154,866	338,312	99	(1)	2,799	96	0.1
Middletown	92	4,207,731	92	1,951	770,656	2,112,601	3,056,601	6,665,226	18	0.8	9,215	30	0.2
Mingo Junction	12	2,921,086	9	944	566,645	131,395	5,526,128	7,563,573	13	0.9	2,954	93	0.1
Mt. Vernon	93	830,061	110	853	383,638	53,773	1,073,247	1,716,532	52	0.2	6,633	52	0.2
Napoleon	78	448,500	94	233	91,822	25,045	295,390	541,572	89	0.1	3,639	84	0.1
Nelsonville	39	224,179	43	200	80,115	12,107	117,257	258,148	100	(1)	5,421	66	0.1

[1] Less than one-tenth of 1 per cent.

TABLE 5.—URBAN MANUFACTURES—Continued.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	PRODUCTS. Value.	PRODUCTS. Rank.	PRODUCTS. Per cent of total.	POPULATION. Total.	POPULATION. Rank.	POPULATION. Per cent of total.
Newark	208	$1,793,448	234	2,364	$925,443	$228,797	$1,417,157	$3,423,186	28	0.4	18,157	14	0.4
New Philadelphia	124	859,493	130	653	482,182	86,576	905,007	1,820,296	50	0.2	6,213	57	0.1
Niles	64	2,745,374	66	1,641	1,231,629	123,647	3,441,219	5,758,129	20	0.7	7,468	44	0.2
North Baltimore	39	193,793	45	112	49,048	16,052	100,695	243,882	101	(1)	3,561	86	0.1
Norwalk	96	995,025	91	817	394,585	128,038	561,996	1,336,395	62	0.2	7,074	47	0.2
Norwood	52	951,314	61	467	203,138	52,839	430,221	820,892	77	0.1	6,480	54	0.1
Painesville	77	513,621	88	488	165,403	36,914	319,300	693,949	81	0.1	5,024	68	0.1
Piqua	152	3,609,002	166	2,103	983,836	259,807	3,765,259	5,886,475	19	0.7	12,172	24	0.3
Pomeroy	70	852,132	69	725	341,959	40,898	961,112	1,522,626	58	0.2	4,639	71	0.1
Portsmouth	284	4,113,700	315	4,586	1,556,190	802,946	3,824,093	7,532,976	14	0.9	17,870	15	0.4
Ravenna	76	821,127	90	740	279,153	43,790	550,204	1,210,415	86	0.1	4,003	78	0.1
St. Marys	57	556,209	60	453	192,711	37,786	462,842	893,823	73	0.1	5,359	67	0.1
Salem	106	2,090,703	117	977	569,352	135,603	1,230,584	2,380,424	42	0.3	7,582	42	0.2
Sandusky	176	4,627,981	187	1,648	650,895	379,042	1,394,147	3,190,342	32	0.4	19,664	13	0.5
Shelby	63	2,409,230	69	1,045	478,446	134,264	1,770,640	2,625,066	38	0.3	4,685	69	0.1
Sidney	107	1,173,805	125	935	337,610	101,178	1,088,669	1,858,626	49	0.2	5,688	62	0.1
Springfield	305	14,091,175	300	6,638	3,160,119	1,286,798	5,569,261	12,777,173	8	1.5	38,253	8	0.9
Steubenville	171	2,587,180	189	2,051	874,095	227,624	2,698,875	5,235,161	23	0.6	14,349	20	0.3
Tiffin	153	2,319,720	168	1,368	569,660	194,471	900,003	2,107,805	46	0.2	10,989	28	0.3
Toledo	1,050	25,591,916	1,114	15,383	6,845,687	3,068,389	21,986,798	37,372,355	4	4.5	131,822	8	3.2
Toronto	40	649,653	40	640	315,400	66,130	235,721	809,446	78	0.1	3,526	87	0.1
Troy	104	1,664,085	140	899	355,227	197,579	1,135,619	2,019,557	47	0.2	5,881	60	0.1
Uhrichsville	78	273,602	76	271	104,650	25,694	197,070	446,780	92	0.1	4,582	72	0.1
Upper Sandusky	35	288,744	44	165	60,477	21,655	187,106	357,505	97	(1)	3,355	88	0.1
Urbana	112	1,122,435	137	811	273,822	94,404	770,733	1,477,962	59	0.2	6,808	50	0.2
Van Wert	81	434,678	74	354	150,514	42,348	313,575	627,672	85	0.1	6,422	56	0.1
Wapakoneta	60	462,777	70	411	142,628	49,629	289,717	604,781	86	0.1	3,915	81	0.1
Warren	110	2,952,697	115	1,948	835,718	198,109	2,671,115	4,840,160	24	0.6	8,529	35	0.2
Washington Court House	67	403,031	75	276	101,849	24,376	352,233	659,899	82	0.1	5,751	61	0.1
Wellston	41	855,606	42	833	169,075	27,327	595,415	1,056,110	69	0.1	8,045	38	0.2
Wellsville	61	1,233,863	67	969	511,964	47,624	660,918	1,548,190	57	0.2	6,146	58	0.1
Wilmington	61	247,783	78	188	78,635	21,860	241,511	440,237	93	0.1	3,613	85	0.1
Wooster	97	626,188	105	447	169,490	37,114	463,725	985,579	72	0.1	6,063	59	0.1
Xenia	106	1,819,614	128	1,105	394,386	139,647	2,171,360	3,122,797	33	0.4	8,696	34	0.2
Youngstown	260	22,360,097	253	9,150	4,951,460	968,636	23,541,769	34,801,101	6	4.2	44,885	6	1.1
Zanesville	293	5,162,067	336	4,603	1,786,005	365,338	3,756,489	7,468,839	15	0.9	23,538	11	0.6
Total for state exclusive of urban manufactures	11,393	81,043,744	13,645	43,693	17,577,170	5,686,348	67,754,869	112,645,310	------	13.5	2,243,642	------	54.0
Per cent of urban manufactures to total for state	64.8	86.6	62.7	87.4	88.6	91.8	84.9	86.5	------	------	46.0	------	------

[1] Less than one-tenth of 1 per cent.

Of the 32,398 establishments in the state, 21,005, or 64.8 per cent, were located in these 101 cities and villages. They furnished employment to 302,176 wage-earners, or 87.4 per cent of the total number, and the value of their products, $719,792,803, formed 86.5 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Akron, Canton, Cincinnati, Cleveland, Columbus, Dayton, Hamilton, Lima, Springfield, Toledo, Youngstown, and Zanesville by specified industries.

Table 9 shows the totals for all industries in the cities and villages withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

	COUNTIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	32,398	$605,792,266	$49,658,809	$94,493,965	$158,986,928	$302,652,564	36,624	30,003	$29,351,045	345,869	$153,955,330
2	Adams	138	326,847	28,310	41,195	123,025	134,317	175	19	13,570	260	81,176
3	Allen	402	6,130,870	371,761	815,655	2,483,791	2,459,663	474	227	177,416	2,776	1,275,743
4	Ashland	133	1,054,453	71,235	140,859	197,731	644,578	163	66	45,360	545	178,615
5	Ashtabula	392	2,548,145	285,785	355,828	714,714	1,191,818	450	121	102,067	1,827	775,729
6	Athens	158	912,904	81,080	236,782	234,923	360,119	186	54	34,411	578	234,917
7	Auglaize	257	1,559,751	137,679	339,952	394,804	687,316	305	95	71,040	1,289	474,692
8	Belmont	353	7,970,900	467,099	1,441,638	4,057,275	2,004,888	407	264	295,075	5,472	2,651,898
9	Brown	156	463,923	81,085	82,565	134,309	165,964	184	22	13,398	374	122,754
10	Butler	432	17,743,459	1,217,066	2,926,448	4,719,193	8,880,752	439	624	759,542	8,238	3,566,016
11	Carroll	122	388,304	35,988	102,830	131,700	117,786	149	22	11,490	341	130,031
12	Champaign	249	1,468,170	128,208	280,985	402,635	656,342	306	78	62,186	1,050	362,027
13	Clark	391	14,514,195	727,755	1,614,574	2,111,486	10,060,380	404	1,331	1,131,549	6,806	3,232,382
14	Clermont	150	632,134	49,876	100,578	161,071	320,609	175	37	28,964	603	184,330
15	Clinton	162	548,009	50,810	102,516	183,137	211,546	219	33	21,266	440	165,703
16	Columbiana	620	13,227,220	1,032,795	3,145,548	3,051,176	5,997,701	689	635	631,633	8,809	4,344,734
17	Coshocton	147	1,032,944	48,075	138,317	409,087	437,465	167	132	112,545	1,196	379,705
18	Crawford	254	2,455,634	204,988	537,945	646,984	1,065,717	288	151	114,898	2,203	936,467
19	Cuyahoga	3,137	110,375,476	8,680,072	13,523,545	31,919,986	56,251,873	3,310	5,609	5,967,665	63,867	30,612,805
20	Darke	326	778,043	63,306	101,195	240,202	373,340	402	23	11,983	767	248,789
21	Defiance	200	1,430,606	102,570	215,713	328,791	783,532	248	72	62,435	1,207	446,179
22	Delaware	160	1,842,733	630,504	220,287	380,554	611,388	198	64	54,858	861	352,453
23	Erie	255	5,631,678	593,174	1,056,666	1,667,590	2,314,248	267	203	212,182	2,055	809,630
24	Fairfield	206	1,837,980	151,681	362,775	456,639	866,885	237	96	73,602	1,628	730,861
25	Fayette	126	654,018	32,849	102,424	217,668	301,077	146	52	32,400	405	143,990
26	Franklin	1,046	26,149,471	2,619,983	3,772,412	7,187,047	12,570,029	1,119	1,788	1,669,084	17,716	7,990,354
27	Fulton	138	452,914	68,717	82,805	137,867	163,525	172	6	2,050	237	100,337
28	Gallia	155	621,895	60,070	101,895	187,335	272,595	180	36	25,322	534	186,449
29	Geauga	128	311,880	24,700	56,200	97,880	133,100	147	18	7,385	274	114,281
30	Greene	218	2,314,981	106,012	301,956	678,183	1,228,830	256	90	114,627	1,421	490,863
31	Guernsey	189	1,487,834	78,292	179,430	525,112	705,000	244	67	59,757	1,035	614,623
32	Hamilton	5,582	124,571,235	11,743,986	17,581,210	25,538,982	69,707,057	6,800	7,077	7,277,863	68,114	29,138,241
33	Hancock	357	2,541,646	146,292	553,109	695,547	1,146,698	434	149	119,640	1,785	744,080
34	Hardin	214	1,265,763	114,155	241,808	312,151	597,649	251	74	58,476	917	355,122
35	Harrison	122	436,395	105,105	70,545	149,754	110,991	151	20	10,715	289	100,325
36	Henry	197	789,886	58,998	155,875	186,093	388,920	237	23	13,670	553	208,680
37	Highland	180	1,062,392	64,025	137,041	238,928	622,398	224	57	53,589	985	339,960
38	Hocking	91	752,929	65,376	209,577	192,734	285,242	110	32	35,300	533	177,843
39	Holmes	121	293,656	33,860	63,461	100,260	96,075	138	5	4,740	171	62,897
40	Huron	282	2,285,722	139,832	369,428	536,232	1,240,230	307	136	117,919	1,661	717,228
41	Jackson	141	1,503,258	87,704	393,345	224,808	797,401	150	46	38,470	766	314,104
42	Jefferson	300	7,359,590	692,201	1,683,392	3,256,108	1,727,889	319	201	216,862	4,302	2,076,828
43	Knox	163	996,830	78,785	205,680	357,051	355,314	191	64	52,645	923	413,664
44	Lake	165	1,117,692	124,688	201,370	273,678	517,956	200	55	43,387	821	309,555
45	Lawrence	182	4,999,552	636,450	846,428	1,250,139	2,266,535	183	147	145,296	2,374	947,186
46	Licking	341	2,464,382	186,977	455,965	577,366	1,244,074	397	177	140,437	2,635	1,032,579
47	Logan	301	1,260,510	209,529	231,712	388,949	430,320	365	66	47,786	1,070	442,224
48	Lorain	298	15,021,899	1,131,833	3,116,591	4,335,029	6,438,446	318	264	238,522	3,888	1,766,134
49	Lucas	1,132	25,956,176	2,208,319	4,627,693	6,746,785	12,373,379	1,204	1,299	1,246,477	15,596	6,924,453
50	Madison	151	432,670	35,224	73,325	150,865	173,256	185	9	5,560	230	79,893
51	Mahoning	387	24,577,654	1,749,130	3,678,631	11,336,230	7,813,663	411	506	564,309	10,125	5,388,139
52	Marion	185	3,681,902	416,221	459,269	447,882	2,358,530	203	139	130,973	1,850	794,492
53	Medina	143	1,153,457	65,289	188,984	236,200	662,984	177	44	28,738	587	228,427
54	Meigs	173	1,227,567	109,346	242,923	401,210	474,088	191	66	43,859	1,081	457,426
55	Mercer	176	516,857	57,625	92,315	154,902	212,015	224	18	11,145	373	142,856
56	Miami	405	6,007,615	455,746	913,901	1,197,196	3,440,772	469	338	320,795	3,454	1,509,898
57	Monroe	179	278,259	32,485	53,717	90,910	101,147	222	6	4,145	188	63,212
58	Montgomery	1,361	31,812,559	1,992,675	4,561,826	5,389,826	19,868,232	1,491	1,582	1,707,131	19,209	8,796,539
59	Morgan	89	476,716	23,966	66,410	60,359	325,981	105	30	26,332	300	104,301
60	Morrow	85	393,296	22,575	53,100	83,900	233,721	110	10	8,879	189	67,807
61	Muskingum	420	6,174,217	484,330	1,267,505	1,531,874	2,890,508	483	464	353,809	5,826	2,047,803
62	Noble	89	178,650	13,107	32,670	77,982	54,891	117	------	------	112	37,112
63	Ottawa	161	847,735	67,665	184,456	232,216	363,398	185	35	38,260	549	197,364
64	Paulding	169	361,655	34,160	52,083	125,193	150,219	203	3	3,080	294	95,439
65	Perry	104	1,192,539	419,005	254,585	167,102	351,847	137	40	30,096	614	307,590
66	Pickaway	181	1,408,384	124,824	269,755	457,883	555,922	221	62	35,041	887	279,626
67	Pike	63	164,516	18,790	44,390	51,480	49,856	73	4	1,530	107	48,305
68	Portage	276	1,831,732	96,148	445,608	512,156	777,820	320	76	65,851	1,851	750,509
69	Preble	223	562,108	42,520	93,340	139,841	286,407	281	27	11,084	470	170,447
70	Putnam	217	771,916	89,861	118,140	208,874	355,041	260	31	34,537	598	222,506
71	Richland	433	8,371,989	308,811	1,173,436	2,184,761	4,704,981	507	443	412,005	4,363	1,751,260
72	Ross	207	1,385,064	195,535	279,055	391,011	519,463	238	85	49,414	1,400	522,073
73	Sandusky	300	3,191,978	197,387	542,076	788,310	1,664,205	351	194	204,383	1,852	744,369
74	Scioto	355	4,750,925	560,505	902,966	1,161,481	2,125,973	404	415	330,639	4,952	1,704,134
75	Seneca	360	4,207,050	257,006	908,686	1,364,289	1,677,069	402	198	145,818	2,545	994,815
76	Shelby	200	1,450,547	120,255	285,840	399,422	645,030	231	93	69,638	1,132	401,377

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
287,789	$140,364,129	53,711	$12,883,284	4,369	$707,917	$69,728,206	$4,741,189	$3,035,915	$54,602,073	$7,349,029	$447,849,677	$427,855,909	$19,993,768	$832,438,113	1
239	78,179	19	2,837	2	160	10,513	2,088	2,947	5,353	125	385,237	380,816	4,421	709,114	2
2,358	1,188,276	413	86,845	5	622	327,486	38,275	24,613	217,712	46,886	4,653,119	4,478,879	174,240	7,791,420	3
429	157,186	102	20,143	14	1,286	127,916	4,505	9,420	112,791	1,200	753,149	743,900	9,249	1,361,444	4
1,620	729,766	205	45,617	2	346	164,250	20,028	12,889	95,617	35,716	2,384,412	2,342,821	41,591	3,953,128	5
524	223,036	41	10,245	13	1,636	56,194	7,383	8,090	34,318	6,403	599,227	560,570	38,657	1,133,523	6
1,190	455,571	81	17,175	18	1,946	126,763	12,182	11,869	95,285	7,427	1,170,387	1,128,524	41,863	2,288,305	7
4,698	2,493,972	614	132,834	160	25,092	506,406	16,748	47,188	441,386	1,084	11,654,606	10,707,010	947,596	18,186,947	8
317	113,327	47	8,642	10	785	32,608	4,807	4,162	20,139	3,500	623,815	616,978	6,837	951,932	9
6,822	3,223,237	1,329	331,212	87	11,567	2,963,679	46,606	73,089	2,839,429	4,555	9,178,183	8,876,482	301,701	19,724,042	10
329	127,423	11	2,508	1	100	14,784	2,452	2,375	9,207	750	838,629	309,268	29,361	663,439	11
885	327,182	161	33,905	4	940	107,925	14,040	10,973	80,887	2,025	1,104,037	1,072,164	31,873	2,074,985	12
6,284	3,113,295	497	115,255	25	3,832	1,316,250	56,446	80,589	1,155,627	23,588	5,842,344	5,678,592	163,752	13,294,221	13
410	142,401	178	39,553	15	2,376	41,473	2,819	4,384	32,369	1,901	720,065	699,686	20,379	1,234,907	14
384	153,810	52	11,566	4	327	39,015	7,698	3,300	25,680	2,337	591,681	577,963	13,718	1,025,810	15
7,215	3,914,386	1,531	416,875	63	13,473	716,464	44,642	46,646	507,857	117,319	7,677,839	6,657,644	1,020,195	15,964,384	16
781	291,795	409	87,266	6	644	74,435	3,426	7,367	62,642	1,000	1,065,853	1,049,958	15,895	1,859,326	17
2,070	912,402	111	22,013	22	2,052	162,556	14,592	17,846	124,388	5,730	1,686,543	1,645,707	40,836	3,448,282	18
54,234	28,288,910	9,132	2,229,360	501	94,535	12,199,625	1,049,454	541,476	8,439,757	2,168,938	83,758,742	80,377,268	3,381,474	156,760,354	19
617	218,842	135	27,971	15	1,976	47,097	14,536	6,533	24,805	1,223	868,842	851,220	17,622	1,473,517	20
1,054	419,786	143	25,557	10	836	99,529	13,564	12,973	72,842	150	1,030,047	1,007,094	22,953	2,041,589	21
704	319,453	151	32,380	6	620	74,799	11,758	6,176	56,865	----------	674,165	598,424	75,741	1,456,390	22
1,786	757,301	220	44,695	49	7,634	458,115	25,745	23,810	405,975	2,585	1,911,055	1,782,631	128,424	4,252,300	23
1,196	609,726	328	98,157	104	22,978	108,375	10,722	7,929	79,294	10,430	1,583,038	1,551,035	32,003	2,852,449	24
327	124,682	74	18,868	4	440	33,306	7,804	4,014	21,396	92	497,251	487,842	9,409	965,356	25
15,166	7,360,420	2,274	581,450	276	48,484	4,056,537	257,748	176,880	3,386,074	235,835	20,706,796	19,752,858	953,938	40,712,336	26
214	96,099	18	3,731	5	507	26,213	3,427	3,257	10,279	9,250	626,286	613,921	12,365	981,356	27
488	178,913	38	6,674	8	862	59,243	7,071	5,439	46,498	235	527,028	518,275	8,753	977,851	28
250	110,314	20	3,617	4	350	9,644	3,209	1,632	4,803	----------	529,141	523,128	6,013	834,844	29
1,184	435,026	231	55,157	6	680	167,355	15,880	15,741	119,058	16,676	2,946,603	2,900,231	46,372	4,267,277	30
975	601,252	54	12,921	6	450	93,863	7,330	6,945	79,023	565	1,816,107	1,763,805	52,302	3,104,843	31
50,980	25,048,131	16,013	3,926,266	1,121	163,844	25,922,946	1,672,928	630,720	20,495,701	3,123,597	85,436,302	84,175,979	1,260,323	173,582,824	32
1,563	700,191	201	40,897	21	2,992	178,278	22,992	13,035	112,990	29,261	1,559,990	1,484,625	75,365	3,235,010	33
827	334,915	78	18,820	12	1,387	106,387	14,244	7,802	83,490	851	812,902	791,157	21,745	1,615,283	34
264	95,303	20	4,372	5	650	20,406	3,579	2,058	13,069	1,700	345,908	335,737	10,171	614,819	35
517	200,769	31	7,090	5	821	43,363	7,647	5,855	29,781	80	657,233	637,015	20,218	1,153,177	36
779	293,306	192	44,533	14	2,121	56,672	6,731	7,546	41,992	403	1,379,019	1,356,216	22,803	2,164,974	37
511	173,661	15	3,249	7	933	34,046	5,475	6,534	22,037	----------	448,032	417,848	30,184	757,067	38
156	60,142	13	2,630	2	125	13,770	2,856	1,777	9,037	100	327,575	317,761	9,814	528,355	39
1,451	665,829	185	47,041	25	4,358	184,450	18,462	12,554	150,890	2,544	1,642,791	1,608,859	33,932	3,122,585	40
730	306,822	27	5,781	9	1,501	56,766	6,768	7,672	41,476	850	990,062	716,661	273,401	1,886,785	41
3,754	1,953,467	338	84,064	215	39,297	456,844	79,478	42,732	325,018	9,616	9,471,652	8,218,322	1,253,330	15,246,129	42
861	400,468	59	12,845	3	351	62,046	10,887	7,154	43,735	270	1,276,606	1,261,853	14,753	2,023,520	43
765	297,300	51	11,271	5	984	68,823	8,585	4,206	51,805	4,227	702,688	675,235	27,453	1,443,219	44
2,273	927,207	85	17,559	16	2,420	277,483	14,889	39,478	185,342	37,774	4,274,893	3,633,967	640,926	7,287,567	45
2,249	942,627	306	71,192	80	18,760	249,427	22,725	16,890	180,875	28,937	1,733,705	1,680,328	53,377	4,065,420	46
987	427,598	62	11,695	21	2,931	64,486	13,599	11,558	33,229	6,100	1,094,411	1,050,160	44,251	2,016,099	47
3,499	1,689,722	305	61,896	54	14,516	805,349	18,681	29,811	727,177	29,680	8,205,343	7,418,348	786,995	12,637,394	48
12,905	6,313,740	2,425	556,446	266	54,267	3,092,494	262,124	155,672	2,507,693	167,005	22,364,762	21,850,267	514,495	37,997,565	49
183	72,404	43	7,035	4	454	24,947	7,297	2,842	14,608	200	336,187	326,068	10,119	612,836	50
9,842	5,314,198	260	69,623	23	4,318	1,115,661	41,655	58,052	1,009,215	6,739	26,113,419	23,596,507	2,516,912	38,774,429	51
1,744	775,792	81	15,835	25	2,865	323,444	15,196	28,099	278,624	1,525	1,670,768	1,578,538	92,230	3,588,934	52
469	202,646	111	25,181	7	600	73,894	2,574	5,024	66,021	275	853,755	826,580	27,175	1,435,508	53
979	441,642	62	11,016	40	4,768	63,693	7,330	8,805	45,756	1,802	1,393,846	1,328,051	65,795	2,285,129	54
336	137,034	29	4,718	8	1,104	25,424	6,002	3,592	14,845	985	574,436	560,036	14,400	1,160,467	55
2,918	1,397,061	531	112,390	5	447	505,203	29,392	32,052	423,131	20,628	5,641,363	5,523,500	117,863	9,069,414	56
122	49,822	64	13,169	2	221	31,902	4,739	2,458	24,575	130	349,622	342,375	7,247	589,208	57
15,266	7,750,199	3,745	1,013,572	198	32,768	3,735,046	226,984	160,725	3,055,848	291,489	19,784,544	19,400,452	384,092	40,824,426	58
253	94,038	45	9,993	2	270	27,921	3,253	5,000	19,668	----------	370,453	364,173	6,280	679,047	59
170	64,666	17	2,902	2	239	14,633	2,659	2,459	9,515	----------	306,391	300,903	5,488	560,866	60
4,137	1,810,232	1,157	232,975	32	4,596	408,163	34,639	43,685	326,971	2,868	4,408,700	4,114,832	293,868	8,629,559	61
91	32,976	18	3,745	3	391	8,148	1,130	1,514	4,804	700	203,972	201,263	2,709	341,202	62
486	184,772	50	11,057	13	1,535	57,034	8,432	5,609	42,917	76	486,887	433,988	52,899	1,009,330	63
275	92,360	8	1,995	11	1,084	16,917	4,777	2,794	9,346	----------	285,653	268,910	16,743	524,914	64
580	300,473	30	6,441	4	676	54,595	7,529	5,336	39,580	2,150	707,955	538,764	169,191	1,289,127	65
713	257,124	122	17,890	52	4,612	71,018	8,964	9,396	51,733	925	1,486,594	1,441,168	45,426	2,341,293	66
106	48,137	1	163	----------	----------	6,687	851	1,719	4,117	----------	288,418	284,938	3,480	443,292	67
1,528	673,817	296	70,793	27	5,899	74,425	14,756	10,842	48,307	520	1,999,025	1,951,839	47,186	3,400,464	68
346	145,186	122	25,111	2	150	32,628	7,601	4,650	19,887	490	489,787	479,097	10,690	936,898	69
554	215,905	30	4,479	14	2,122	33,806	6,505	5,483	21,803	15	861,708	840,412	21,296	1,419,943	70
3,474	1,574,887	878	174,586	11	1,787	455,958	37,257	35,379	376,322	7,000	5,273,774	5,127,922	145,852	10,207,077	71
1,107	478,171	279	42,711	14	1,191	120,933	13,280	12,532	94,521	600	1,473,368	1,432,526	40,842	2,517,771	72
1,341	626,058	505	117,592	6	719	183,045	16,225	12,937	150,920	2,963	1,783,362	1,722,028	61,334	3,480,084	73
3,807	1,495,149	1,043	197,652	102	11,333	833,499	23,240	29,610	736,375	44,274	4,128,200	3,925,489	202,711	8,168,592	74
1,948	860,927	582	131,105	15	2,783	265,963	23,632	22,651	218,159	1,521	3,389,026	3,249,847	139,179	5,488,064	75
942	361,285	187	39,745	3	347	126,843	8,208	10,659	107,820	156	1,402,712	1,368,917	33,795	2,373,990	76

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages
77	Stark	1,020	$21,680,666	$1,755,560	$3,824,871	$4,717,139	$11,383,096	1,118	877	$814,948	11,122	$5,081,726
78	Summit	599	29,593,083	1,835,252	5,641,710	7,508,130	14,607,991	613	1,270	1,188,522	11,191	4,887,124
79	Trumbull	361	8,858,865	365,401	1,049,364	2,302,962	5,141,138	395	276	307,727	4,831	2,821,719
80	Tuscarawas	488	4,222,833	267,750	1,066,622	1,379,020	1,509,441	489	239	203,300	4,107	2,140,614
81	Union	130	326,615	32,210	52,555	111,055	130,795	165	10	6,550	319	112,379
82	Van Wert	170	677,918	92,880	82,600	226,431	276,007	169	34	19,881	593	237,996
83	Vinton	51	154,237	25,485	19,060	62,025	47,667	71	------	------	74	26,768
84	Warren	201	2,176,133	269,459	303,231	698,360	905,083	222	68	82,958	1,077	405,451
85	Washington	404	2,668,141	364,645	428,219	615,972	1,259,305	504	173	139,808	2,616	1,068,686
86	Wayne	290	1,667,505	142,015	342,483	496,177	686,830	355	77	51,957	901	351,616
87	Williams	214	898,312	59,947	161,635	214,268	462,462	250	53	36,040	711	283,739
88	Wood	328	3,430,700	353,669	559,176	1,637,403	880,452	377	70	70,204	1,184	502,433
89	Wyandot	81	480,817	44,655	97,699	132,142	206,321	110	16	10,545	308	117,724

TABLE 7.—MANUFACTURES BY

1	All industries	32,398	$605,792,266	$49,658,809	$94,493,965	$158,986,928	$302,652,564	36,624	30,003	$29,351,045	345,869	$153,955,330
2	Agricultural implements	78	23,628,442	1,031,012	2,199,037	1,898,782	18,499,611	58	1,588	1,368,775	6,852	3,271,163
3	Ammunition	3	675,827	100	400	257,467	417,860	2	32	40,499	371	111,167
4	Artificial feathers and flowers	4	1,600	------	------	200	1,400	4	1	100	7	2,450
5	Artificial limbs	6	6,975	------	------	2,025	4,950	7	------	------	6	3,216
6	Awnings, tents, and sails	32	413,500	94,400	58,472	37,918	222,710	31	53	44,760	244	97,676
7	Bags, other than paper	4	352,850	15,000	20,000	83,900	233,950	8	20	19,512	204	54,940
8	Bags, paper	10	390,236	10,000	10,000	125,606	244,630	4	56	40,684	218	67,923
9	Baking and yeast powders	15	177,381	7,150	25,400	14,950	129,881	11	55	38,156	101	39,573
10	Baskets, and rattan and willow ware	43	123,589	11,300	19,510	55,080	37,699	44	11	6,510	274	90,207
11	Belting and hose, leather	5	486,251	15,000	20,330	47,500	403,421	3	42	45,487	92	48,307
12	Bicycle and tricycle repairing	377	345,882	26,733	30,796	129,891	158,462	435	12	5,164	311	132,591
13	Bicycles and tricycles	34	4,074,576	74,537	437,853	1,736,524	1,825,662	20	209	197,406	2,380	1,017,061
14	Billiard tables and materials	6	29,100	------	------	1,750	27,350	6	4	5,570	21	11,980
15	Blacking	3	21,000	------	------	2,500	18,500	5	1	520	19	5,124
16	Blacksmithing and wheelwrighting	3,585	2,650,444	580,387	730,941	498,463	840,653	4,071	21	7,990	2,057	961,904
17	Bookbinding and blank book making	53	272,657	------	------	113,748	158,909	63	33	24,149	397	154,044
18	Boot and shoe cut stock	4	102,662	------	------	10,662	92,000	4	7	5,040	42	17,500
19	Boot and shoe uppers	7	2,100	------	------	925	1,175	6	------	------	6	2,685
20	Boots and shoes, custom work and repairing.	1,461	486,284	93,665	117,958	111,763	162,898	1,521	13	7,620	569	240,728
21	Boots and shoes, factory product	81	7,549,142	168,950	464,713	1,180,322	5,735,157	87	888	960,890	12,718	3,989,744
22	Bottling	63	328,338	42,920	62,650	27,370	195,398	64	43	32,988	170	79,314
23	Boxes, cigar	32	354,259	40,450	73,875	73,873	166,061	40	29	18,006	517	150,592
24	Boxes, fancy and paper	35	784,449	5,000	9,000	366,850	403,599	38	85	97,571	1,474	381,506
25	Boxes, wooden packing	61	1,187,705	172,225	154,827	218,461	642,192	70	56	49,489	1,117	384,057
26	Brass castings and brass finishing	39	1,147,838	48,825	175,991	346,166	576,856	47	65	66,381	981	395,135
27	Brassware	7	581,733	10,000	44,000	101,850	425,883	6	34	44,360	334	185,321
28	Bread and other bakery products	956	5,056,649	653,700	970,777	2,230,886	1,201,286	1,029	567	358,308	3,519	1,529,341
29	Brick and tile	686	7,343,627	1,634,603	2,205,306	1,497,325	2,006,393	853	208	189,192	5,353	1,966,971
30	Bridges	16	2,473,845	110,846	234,469	675,524	1,453,006	8	138	153,419	1,437	715,410
31	Brooms and brushes	117	880,640	42,490	87,432	194,506	556,212	144	93	99,124	994	324,366
32	Buttons	4	49,645	------	------	15,500	34,145	5	7	4,786	72	18,268
33	Carpentering	1,135	2,464,362	293,233	342,233	807,922	1,520,974	1,324	108	81,642	5,242	2,918,959
34	Carpets, rag	113	72,031	10,755	17,795	23,834	19,647	118	10	6,753	120	36,987
35	Carriage and wagon materials	109	5,251,795	391,954	753,834	1,199,727	2,906,280	93	275	271,381	4,529	1,780,022
36	Carriages and sleds, children's	9	949,225	14,640	228,000	214,350	492,235	8	42	49,101	787	333,580
37	Carriages and wagons	543	12,158,302	1,199,593	1,980,861	818,455	8,159,393	717	687	576,062	7,274	3,369,550
38	Cars and general shop construction and repairs by steam railroad companies.	91	5,701,129	659,277	1,651,260	1,304,205	2,086,387	------	576	456,971	11,534	6,087,052
39	Cars and general shop construction and repairs by street railroad companies.	4	123,050	15,500	46,000	30,500	31,050	------	7	4,816	229	137,385
40	Cars, steam railroad, not including operations of railroad companies.	5	2,581,894	48,977	246,517	137,883	2,148,517	------	61	75,616	1,805	862,011
41	Cars, street railroad, not including operations of railroad companies.	3	252,773	10,000	25,000	49,651	168,122	2	13	11,880	275	152,810
42	Charcoal	7	22,837	1,220	230	2,625	18,762	6	3	2,500	87	22,895
43	Cheese and butter, urban dairy products.	5	14,080	7,820	800	2,925	2,535	9	------	------	7	2,152
44	Cheese, butter, and condensed milk, factory product.	479	1,041,093	55,547	324,312	385,546	275,688	391	89	19,088	389	189,804
45	Chemicals	35	3,670,401	397,680	518,045	976,144	1,778,532	21	164	199,166	609	340,332
46	China decorating	8	1,910	50	50	530	1,280	8	------	------	------	------
47	Cleansing and polishing preparations	12	36,890	1,650	3,250	3,945	28,045	10	12	17,756	23	6,974
48	Cloth, sponging and refinishing	3	3,757	------	------	2,290	1,467	5	------	------	31	15,699
49	Clothing, men's, custom work and repairing.	1,543	3,216,481	271,185	324,253	191,697	2,429,346	1,789	227	165,411	5,190	2,146,206
50	Clothing, men's, factory product	539	10,732,010	139,700	234,404	221,508	10,136,398	676	785	805,898	6,521	2,143,619
51	Clothing, men's, factory product, buttonholes.	8	20,625	100	600	16,100	3,825	10	1	416	174	51,568

BY COUNTIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
9,826	$4,763,763	1,147	$290,402	149	$27,561	$1,488,298	$79,021	$74,109	$1,105,749	$229,419	$10,016,008	$9,587,261	$428,747	$21,246,888	77
9,235	4,397,337	1,878	479,458	78	10,329	2,211,700	61,548	136,999	1,636,916	376,237	16,767,864	16,257,030	510,834	29,404,004	78
4,478	2,735,671	326	82,740	27	3,308	434,714	18,356	23,574	332,259	60,525	9,920,977	8,778,337	1,142,640	16,126,697	79
3,879	2,097,663	196	38,128	32	4,823	338,494	17,227	24,894	258,287	38,086	4,701,997	4,386,148	315,849	8,528,451	80
281	105,298	37	6,886	1	200	27,496	5,130	2,641	18,170	1,555	353,461	339,512	13,949	664,352	81
545	228,488	42	8,513	6	995	53,494	6,778	4,916	21,231	20,569	821,863	805,727	16,136	1,364,164	82
70	26,068	3	600	1	100	3,975	583	1,126	2,266	------	265,149	262,957	2,192	377,543	83
789	341,955	285	63,216	3	280	82,904	12,797	12,550	57,010	547	1,737,544	1,691,224	46,320	2,815,006	84
2,315	1,009,511	232	49,439	69	9,736	231,784	23,806	20,982	111,363	75,633	2,577,209	2,511,585	65,624	4,926,591	85
781	329,699	113	21,060	7	857	73,468	10,355	8,879	51,517	2,717	1,343,612	1,297,154	46,458	2,423,667	86
646	271,458	59	11,380	6	901	46,814	8,212	4,838	33,634	130	767,605	752,975	14,630	1,392,311	87
1,120	489,494	61	12,434	3	505	94,094	10,905	8,776	69,553	4,860	1,436,243	1,338,307	97,936	2,541,882	88
286	113,602	16	2,873	6	1,249	33,087	2,729	4,121	26,037	200	448,119	433,537	14,582	751,230	89

SPECIFIED INDUSTRIES: 1900.

287,789	$140,364,129	53,711	$12,883,284	4,369	$707,917	$69,728,206	$4,741,189	$3,035,915	$54,602,073	$7,349,029	$447,849,677	$427,855,909	$19,993,768	$832,438,113	1
6,795	3,254,063	44	14,588	13	2,512	1,483,605	2,423	106,929	1,346,122	28,131	6,059,515	5,925,591	133,924	13,975,268	2
228	80,351	143	30,816	------	------	31,584	4,434	2,700	24,450	------	565,091	559,134	5,957	831,920	3
4	2,000	3	450	------	------	1,149	940	9	200	------	1,277	1,235	42	8,600	4
6	3,216	------	------	------	------	2,279	1,380	20	879	------	5,744	5,659	85	23,820	5
124	64,005	120	33,671	------	------	38,977	9,103	2,229	26,320	1,325	278,082	275,535	2,547	556,977	6
58	25,000	146	29,940	------	------	79,173	1,675	1,104	76,394	------	836,330	835,005	1,325	1,030,033	7
110	44,402	108	23,521	------	------	23,395	4,634	1,324	17,437	------	510,587	503,807	6,780	719,431	8
53	28,362	43	10,635	5	576	35,055	7,476	1,198	26,381	------	227,647	223,921	3,726	467,111	9
203	76,352	54	11,854	17	2,001	6,930	2,539	805	3,586	------	46,177	44,750	1,427	196,486	10
91	48,157	------	------	1	150	38,028	3,276	1,782	32,970	------	637,909	635,097	2,812	836,376	11
292	129,389	5	1,366	14	1,836	58,366	40,052	2,745	15,249	320	261,883	254,019	7,864	714,997	12
2,340	998,218	40	18,843	------	------	247,332	13,756	16,491	217,085	------	2,251,358	2,194,371	56,987	4,099,980	13
21	11,980	------	------	------	------	3,946	1,941	25	1,980	------	26,101	26,036	65	57,546	14
4	1,522	15	3,602	------	------	1,145	432	43	670	------	33,620	33,439	181	55,700	15
2,036	959,007	------	------	21	2,897	199,058	131,150	22,505	37,110	8,293	1,297,069	1,199,972	97,097	5,014,908	16
212	109,073	172	42,794	13	2,177	52,537	20,308	1,358	17,418	13,453	170,935	165,995	4,940	549,175	17
39	16,700	3	800	------	------	4,150	1,630	380	2,140	------	227,156	225,104	2,052	307,080	18
5	2,535	------	------	1	150	1,127	434	3	190	500	8,795	8,795	------	17,900	19
559	238,285	6	1,835	4	608	102,904	86,520	4,441	10,800	1,143	440,687	430,486	10,201	1,465,676	20
7,289	2,709,382	4,781	1,175,153	648	105,209	637,537	77,084	28,256	532,125	72	11,074,008	11,025,493	48,515	17,920,854	21
158	75,952	11	3,250	1	112	40,397	8,582	4,842	26,973	------	501,553	497,872	3,681	829,513	22
227	86,566	289	63,892	1	134	27,756	6,232	1,951	19,573	------	339,902	332,691	7,211	645,138	23
369	162,735	1,086	214,824	19	3,947	89,919	30,850	2,827	56,242	------	619,938	608,969	10,969	1,408,030	24
1,018	369,347	41	6,865	58	7,845	97,832	16,959	5,918	74,523	432	1,207,586	1,195,571	12,015	1,965,293	25
955	389,380	26	5,755	------	------	79,925	12,082	5,762	61,887	194	783,380	763,485	19,895	1,583,174	26
319	180,416	15	4,905	------	------	63,887	3,524	2,231	58,132	------	255,145	250,629	4,516	760,200	27
2,777	1,371,120	645	141,557	97	16,664	563,399	179,724	36,440	347,235	------	5,427,110	5,275,244	151,866	9,857,288	28
5,240	1,948,024	6	1,086	107	17,861	337,959	28,507	35,845	264,396	9,211	981,676	206,136	775,540	4,629,587	29
1,437	715,410	------	------	------	------	418,397	210	9,733	258,454	150,000	2,051,732	2,010,580	41,152	4,554,132	30
810	289,571	171	32,978	13	1,817	152,161	14,781	6,614	58,534	72,232	976,864	966,730	10,134	1,876,136	31
29	10,504	40	7,140	3	624	5,701	1,470	68	4,163	------	20,946	20,151	795	58,873	32
5,234	2,917,349	3	700	5	910	1,990,490	51,112	15,220	111,793	1,812,365	6,916,660	6,900,651	16,009	14,046,476	33
63	25,825	46	9,840	11	1,322	8,889	4,686	497	3,706	------	45,201	42,854	2,347	170,342	34
4,421	1,707,926	97	20,686	11	1,410	347,458	15,961	28,630	298,576	4,291	4,027,295	3,962,315	64,980	7,186,271	35
737	322,030	50	11,550	------	------	212,219	3,282	6,090	202,847	------	571,614	558,512	13,102	1,342,525	36
7,051	3,310,330	199	55,621	24	3,599	813,400	120,153	73,176	610,761	9,310	8,262,052	8,164,786	97,266	15,919,173	37
11,520	6,082,128	14	4,924	------	------	391,581	1,350	58,321	327,558	4,352	5,963,808	5,852,049	111,759	12,975,182	38
229	137,385	------	------	------	------	13,471	2,000	2,014	9,457	------	93,617	87,497	6,120	249,289	39
1,800	860,799	5	1,212	------	------	45,450	2,170	13,876	29,404	------	2,791,908	2,755,419	36,489	3,942,372	40
273	151,790	2	1,020	------	------	11,138	1,800	18	6,320	3,000	230,975	227,755	3,220	537,745	41
87	22,895	------	------	------	------	6,702	40	22	6,640	------	2,601	2,601	------	40,432	42
4	1,440	3	712	------	------	894	160	124	610	------	8,781	8,626	155	16,745	43
376	186,621	11	2,913	2	270	35,214	6,865	5,205	22,884	260	3,054,764	3,016,495	38,269	3,808,996	44
583	333,063	24	7,000	2	269	157,810	7,587	16,744	132,877	602	2,083,721	1,988,078	95,643	3,576,260	45
------	------	------	------	------	------	587	484	5	98	------	4,614	4,518	96	10,774	46
15	5,582	8	1,392	------	------	12,445	1,196	84	10,965	200	33,188	32,783	405	101,667	47
31	15,699	------	------	------	------	1,927	1,362	25	540	------	339	129	210	22,000	48
3,027	1,611,993	2,116	527,772	47	6,441	1,001,894	338,911	20,453	129,183	513,347	3,411,166	3,376,592	34,574	8,954,872	49
1,980	1,061,551	4,365	1,063,058	176	19,010	2,044,440	157,002	32,057	409,270	1,446,111	9,112,231	9,075,429	36,802	16,593,824	50
33	16,128	140	35,240	1	200	6,036	3,864	39	2,133	------	14,221	13,110	1,111	94,268	51

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
52	Clothing, women's, dressmaking	767	$322,532	$36,455	$51,524	$66,376	$168,177	872	26	$19,487	2,027	$529,616
53	Clothing, women's, factory product	126	2,865,851	30,055	140,870	173,376	2,521,550	159	348	384,277	4,817	1,518,355
54	Coffee and spice, roasting and grinding	26	2,375,838	87,807	288,750	296,982	1,702,299	18	273	208,035	678	229,703
55	Coffins, burial cases, and undertakers' goods.	14	2,073,415	170,725	367,583	295,854	1,239,253	11	117	138,427	984	410,164
56	Coke	5	84,690	4,100	3,770	72,090	4,730	-------	14	18,760	71	32,710
57	Confectionery	285	1,806,148	135,780	192,466	329,487	1,148,415	329	288	201,218	1,730	545,889
58	Cooperage	163	1,587,151	144,166	192,154	304,254	946,577	186	68	77,205	1,703	692,278
59	Cordage and twine	9	2,147,677	65,415	272,751	624,270	1,185,241	2	47	54,205	1,052	317,909
60	Corsets	10	8,450	250	200	2,700	5,300	10	1	260	33	8,478
61	Cotton goods	3	168,492	700	21,600	56,813	89,379	1	12	11,250	106	27,861
62	Cutlery and edge tools	24	1,114,745	87,200	158,475	238,892	630,178	19	102	107,802	763	375,433
63	Druggists' preparations, not including prescriptions.	12	745,633	30,000	50,000	60,900	604,733	24	150	175,729	269	73,921
64	Dyeing and cleaning	132	235,435	78,095	54,510	59,834	42,996	151	24	10,850	326	132,689
65	Electrical apparatus and supplies	64	7,036,103	239,787	1,338,168	2,081,368	3,376,780	29	394	399,202	3,773	1,502,270
66	Electrical construction and repairs	56	189,670	2,100	3,000	39,158	145,412	69	25	18,718	310	142,460
67	Electroplating	23	116,933	20,000	23,800	49,775	23,358	25	8	4,948	172	74,467
68	Enameling and enameled goods	6	303,276	9,000	53,813	98,363	142,100	4	11	13,966	468	146,325
69	Engraving and diesinking	17	38,935	6,000	10,500	13,775	8,660	23	-------	-------	27	14,062
70	Engraving, steel, including plate printing.	15	62,606	1,500	200	27,090	33,816	14	13	9,060	112	48,135
71	Engraving, wood	12	31,830	600	1,000	8,445	21,785	15	5	3,444	57	31,743
72	Explosives	9	1,972,451	315,000	365,786	373,000	918,665	3	56	92,520	352	178,786
73	Fancy articles, not elsewhere specified	21	158,342	2,900	14,541	53,511	87,390	23	18	10,579	185	57,554
74	Fertilizers	27	1,887,937	98,762	273,879	336,003	1,179,293	26	60	103,608	400	173,888
75	Files	9	219,079	4,400	45,458	88,719	80,502	13	4	4,200	308	119,431
76	Fireworks	6	131,100	6,000	25,600	16,200	83,300	1	18	24,400	342	92,680
77	Fish, canning and preserving	3	56,068	200	1,025	42,943	11,900	3	5	4,160	51	21,600
78	Flags and banners	3	103,734	20,000	30,000	14,757	38,977	1	15	12,540	161	35,448
79	Flavoring extracts	19	191,315	12,625	24,600	19,460	134,630	21	53	74,992	117	38,146
80	Flouring and grist mill products	1,150	12,531,150	863,866	2,811,132	4,584,325	4,271,827	1,621	342	302,791	2,438	1,220,398
81	Food preparations	31	5,185,405	121,817	1,641,139	1,655,037	1,767,412	84	69	72,865	1,100	365,950
82	Foundry and machine shop products	861	68,766,347	4,296,587	9,178,722	16,039,137	39,251,901	760	3,539	3,724,946	41,799	20,563,268
83	Foundry supplies	5	140,440	12,000	16,500	33,200	78,740	2	24	29,056	82	38,234
84	Fruits and vegetables, canning and preserving.	70	910,670	65,490	150,973	200,057	494,150	83	103	58,975	1,608	305,393
85	Fur goods	19	129,782	-------	-------	5,007	124,775	24	11	3,442	122	48,131
86	Furnishing goods, men's	15	185,500	3,000	7,000	20,400	155,100	25	161	49,549	396	87,411
87	Furniture, cabinetmaking, repairing, and upholstering.	303	542,013	60,055	85,835	97,460	298,663	349	51	41,411	605	297,541
88	Furniture, factory product	165	9,585,848	969,385	1,893,960	1,343,805	5,378,698	183	671	573,140	6,723	2,621,895
89	Gas and lamp fixtures	13	430,441	7,000	50,500	95,249	277,692	10	56	48,379	488	158,214
90	Gas and oil stoves	10	2,563,874	143,238	386,389	437,271	1,596,976	4	100	135,748	1,557	706,506
91	Gas, illuminating and heating	73	25,017,057	2,503,835	3,258,561	17,029,003	2,225,658	-------	283	277,204	1,389	601,815
92	Gas machines and meters	7	281,864	22,633	12,511	48,345	198,375	5	26	27,758	121	94,612
93	Glass	28	5,451,513	440,375	1,310,859	1,491,631	2,208,648	9	199	249,029	4,546	2,067,384
94	Glass, cutting, staining, and ornamenting.	21	109,441	-------	-------	26,850	82,591	28	13	11,754	184	91,545
95	Gloves and mittens	10	168,491	2,100	4,900	68,475	93,016	15	3	2,700	178	55,247
96	Grease and tallow	18	366,152	48,550	61,435	100,729	155,438	19	8	8,365	106	56,314
97	Grindstones	20	674,014	254,320	117,495	112,449	189,750	4	50	50,500	1,028	356,168
98	Hairwork	24	38,581	4,200	4,500	2,380	27,501	26	11	4,257	67	18,722
99	Hand knit goods	4	3,815	200	300	1,075	2,240	4	-------	-------	7	1,720
100	Hand stamps	15	20,100	-------	100	9,500	10,500	18	1	120	35	17,958
101	Hardware	30	2,568,500	138,777	461,826	608,037	1,359,860	22	130	141,279	2,662	1,086,405
102	Hardware, saddlery	7	381,816	20,125	69,650	55,465	236,576	5	42	39,796	315	125,093
103	Hats and caps, not including fur hats and wool hats.	26	337,220	3,120	9,415	61,269	263,416	39	39	31,459	656	223,549
104	Hosiery and knit goods	24	1,067,937	40,320	77,046	323,958	626,613	24	56	55,356	1,413	354,369
105	House furnishing goods, not elsewhere specified.	18	1,395,652	52,900	238,957	444,984	658,811	11	54	68,290	493	159,510
106	Ice, manufactured	42	1,777,430	180,742	397,900	1,012,707	186,081	17	79	53,410	299	154,561
107	Ink, printing	4	185,583	4,000	11,200	30,114	140,269	-------	19	30,100	36	19,354
108	Instruments, professional and scientific	11	95,317	6,000	12,000	27,049	50,268	14	15	5,804	67	28,925
109	Iron and steel	107	85,528,552	5,578,396	14,065,733	33,127,902	32,756,521	17	1,231	1,592,501	33,677	19,730,469
110	Iron and steel, bolts, nuts, washers, and rivets.	11	983,384	53,363	118,738	287,513	523,770	8	69	99,472	1,715	691,611
111	Iron and steel, forgings	11	2,177,894	188,766	373,939	709,844	905,345	6	61	97,830	1,154	564,412
112	Iron and steel, nails and spikes, cut and wrought, including wire nails.	3	536,280	30,000	35,000	179,011	292,269	-------	17	21,113	235	125,908
113	Iron and steel, pipe, wrought	3	2,402,062	107,499	574,024	1,064,864	655,675	-------	29	35,935	740	300,353
114	Ironwork, architectural and ornamental.	47	2,484,771	260,229	329,921	515,449	1,379,172	89	253	247,182	1,674	738,153
115	Japanning	5	11,625	5,000	3,000	1,400	2,225	7	-------	-------	11	4,224
116	Jewelry	28	664,348	-------	-------	61,360	602,988	37	36	25,380	249	133,445
117	Kaolin and other earth grinding	10	233,980	32,100	55,000	70,000	76,880	9	12	9,160	129	44,590
118	Kindling wood	3	2,825	500	550	825	950	2	-------	-------	7	2,175
119	Labels and tags	4	36,050	-------	-------	23,500	12,550	4	7	8,196	21	9,843
120	Lamps and reflectors	11	317,894	26,428	81,000	60,758	199,708	9	33	19,906	227	83,019
121	Leather goods	11	427,625	11,550	97,465	83,250	235,360	11	28	17,492	265	91,953

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
94	$50,340	1,926	$478,533	7	$743	$101,920	$81,322	$1,786	$17,839	$973	$440,312	$431,938	$8,374	$1,618,839	52
1,345	687,558	3,463	829,544	9	1,253	467,188	74,922	8,062	154,157	230,047	4,449,451	4,427,977	21,474	7,772,771	53
230	123,976	448	105,727			128,738	18,286	13,734	96,718		4,708,855	4,686,701	22,154	5,849,644	54
802	365,558	182	44,606			131,826	5,525	11,085	115,216		872,063	862,388	9,675	1,800,851	55
71	32,710					2,924	220	780	1,924		138,296	138,284	12	255,129	56
748	335,946	951	205,282	31	4,661	421,540	91,249	9,201	320,990	100	2,547,031	2,518,115	28,916	4,927,778	57
1,689	688,163	4	1,500	10	2,615	67,705	10,297	8,949	46,789	1,670	1,329,769	1,321,398	8,371	2,517,871	58
725	255,095	315	60,766	12	2,048	96,471	1,151	10,174	85,146		2,325,907	2,304,992	20,915	2,957,674	59
		32	8,328	1	150	2,524	1,916	62	546		12,253	12,032	221	35,056	60
24	11,482	82	16,379			17,812	4,844	1,728	11,240		142,090	139,295	2,795	231,045	61
714	359,238	47	15,900	2	295	66,408	3,115	4,465	58,266	562	460,825	439,057	21,768	1,104,438	62
150	49,472	117	24,085	2	364	63,192	7,354	2,663	53,175		348,352	344,674	3,678	1,013,520	63
187	94,084	135	38,065	4	540	49,707	25,618	2,443	18,336	3,310	69,236	60,668	8,568	428,771	64
2,956	1,315,376	794	181,569	23	5,325	568,201	148,956	24,880	391,900	2,465	3,338,978	3,129,662	209,316	6,504,847	65
299	139,142	7	2,584	4	734	34,098	14,305	877	18,836	80	420,094	417,750	2,344	898,300	66
169	73,167	3	1,300			11,732	5,263	1,201	5,268		38,531	34,404	4,127	179,874	67
287	105,428	179	40,897			35,878	1,375	1,237	33,266		289,041	277,464	11,577	527,825	68
26	13,958			1	104	3,607	2,564	269	674	100	7,957	7,277	680	46,743	69
83	42,228	29	5,907			11,967	6,527	167	5,273		42,206	41,069	1,137	160,108	70
55	31,535			2	208	5,518	2,303	112	2,746	357	10,176	9,961	215	88,583	71
350	178,286	2	500			103,756	1,110	9,198	92,748	700	773,269	749,101	24,168	1,330,489	72
115	39,333	70	18,221			32,631	6,073	743	25,415	400	138,279	136,205	2,074	298,141	73
394	171,768	5	2,000	1	120	112,317	1,044	3,626	107,447	200	1,016,501	996,153	20,348	1,657,058	74
255	108,181	53	11,250			4,063	1,771	942	1,350		104,183	95,728	8,455	257,330	75
185	60,000	157	32,680			30,113	614	849	28,650		62,549	61,137	1,412	277,050	76
51	21,600					2,610	1,400	110	1,100		70,406	69,896	510	251,040	77
42	16,006	118	19,274	1	168	5,427	1,200	1,051	3,176		82,685	81,324	1,361	172,113	78
50	22,969	67	15,177			38,365	6,176	1,160	30,529	500	299,459	297,397	2,062	546,891	79
2,393	1,209,466	41	10,547	4	385	626,642	36,651	111,915	478,068	8	31,826,750	31,474,103	352,647	37,390,367	80
651	278,463	389	80,186	60	7,301	390,651	8,593	8,553	373,505		5,353,560	5,324,278	29,282	7,166,532	81
41,367	20,467,334	359	81,355	73	14,079	4,806,682	277,302	302,853	3,715,217	511,310	31,578,934	30,465,709	1,113,225	72,399,632	82
80	37,764			2	470	17,594	3,530	1,179	12,885		135,025	128,225	6,800	260,977	83
581	158,919	841	123,826	186	22,648	73,781	4,834	5,486	63,461		1,197,269	1,183,281	13,988	1,941,398	84
33	23,547	87	24,338	2	246	28,640	14,011	509	13,320	800	142,183	141,842	341	291,321	85
63	25,870	333	61,541			35,292	5,193	710	29,389		372,665	370,624	2,041	702,782	86
551	284,060	43	11,591	11	1,890	66,004	37,654	3,651	21,144	3,555	491,314	484,328	6,986	1,219,289	87
6,400	2,566,938	230	42,004	93	12,953	562,295	69,151	52,434	418,573	22,137	4,042,083	3,975,612	66,471	9,514,764	88
265	116,019	223	42,195			46,612	6,255	2,002	33,355	5,000	248,641	242,787	5,854	591,449	89
1,556	706,106	1	400			149,778	930	10,369	138,479		1,322,677	1,292,686	29,991	2,535,328	90
1,387	601,095	2	720			687,927	3,750	243,759	440,418		884,587	852,110	32,477	3,931,423	91
121	94,612					12,995	4,860	1,030	7,105		174,935	173,625	1,310	370,625	92
3,505	1,844,958	405	96,017	636	126,409	155,512	68	17,260	138,184		1,253,164	1,003,759	249,405	4,547,083	93
172	89,121	12	2,424			12,381	9,426	428	2,527		76,613	74,463	2,150	242,869	94
35	14,276	142	40,858	1	113	5,595	1,855	181	3,459	100	140,435	139,415	1,020	253,400	95
105	56,214			1	100	16,973	794	3,618	12,561		772,328	757,014	15,314	925,626	96
1,024	355,518			4	650	25,586	2,036	4,898	17,092	1,560	207,011	172,676	34,335	906,459	97
3	1,940	64	16,782			13,635	10,482	516	2,637		27,134	26,832	302	89,126	98
2	650	5	1,070			685	588	4	83	10	2,728	2,703	25	8,469	99
27	15,862	6	1,810	2	286	5,883	3,638	209	1,812	224	10,096	9,603	493	53,995	100
2,437	1,037,534	135	31,875	90	16,996	275,800	12,208	12,986	250,606		1,069,278	992,218	77,060	2,926,693	101
309	123,833	6	1,260			55,913	800	2,950	25,763	26,400	201,621	187,797	13,824	489,186	102
286	130,308	356	90,701	14	2,540	52,013	16,882	1,492	33,639		572,847	565,490	7,357	1,003,840	103
154	74,125	1,229	275,317	30	4,927	99,411	14,707	3,338	54,015	27,351	807,673	797,375	10,298	1,576,285	104
449	149,858	41	9,088	3	564	46,134	3,460	8,806	33,868		805,832	794,022	11,810	1,394,326	105
297	154,411			2	150	71,065	1,558	20,139	48,783	585	138,135	48,657	89,478	582,538	106
36	19,354					11,099	2,600	694	7,805		96,611	94,811	1,800	221,429	107
61	27,551	6	1,374			7,495	2,762	706	4,027		22,403	21,179	1,224	95,690	108
33,499	19,695,032	129	24,468	49	10,969	4,400,859	88,862	222,255	4,061,755	27,987	91,329,307	80,545,325	10,783,982	138,935,256	109
1,424	634,685	58	11,926	233	45,000	69,005	7,605	6,120	55,280		1,747,510	1,698,405	49,105	2,799,856	110
1,144	561,292	10	3,120			54,088	3,565	6,744	43,779		1,220,821	1,129,571	91,250	2,386,727	111
226	105,069	57	19,776	2	1,063	37,216	4,200	1,573	31,443		568,446	558,467	9,979	868,127	112
740	300,353					28,697		2,556	26,141		1,455,224	1,399,658	55,566	2,211,032	113
1,612	724,268	60	13,570	2	315	298,866	12,935	14,400	243,531	28,000	2,351,286	2,317,308	33,978	4,151,943	114
9	3,940			2	284	1,197	720	103	374		3,799	3,220	579	16,650	115
211	123,051	33	9,924	5	470	53,839	13,937	1,241	23,061	15,600	527,374	524,107	3,267	907,776	116
127	44,190	2	400			28,848	585	961	27,302		87,673	75,664	12,009	259,023	117
4	1,621			3	554	620	320	25	275		1,013	883	130	5,470	118
13	7,944	7	1,699	1	200	16,949	1,901	94	2,954	12,000	21,475	20,877	598	89,344	119
211	80,256	11	1,803	5	960	94,670	1,715	1,963	20,179	70,813	170,589	168,121	2,468	454,180	120
205	82,704	48	8,429	12	820	54,950	2,440	1,795	50,715		222,016	216,952	5,064	379,737	121

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
122	Leather, tanned, curried, and finished	58	$5,822,580	$207,860	$690,006	$279,804	$4,644,910	76	74	$80,680	1,384	$617,409
123	Lime and cement	94	3,362,615	1,222,732	549,148	693,828	896,907	87	160	181,735	1,619	700,842
124	Liquors, distilled	26	3,000,277	136,000	438,610	305,275	2,120,392	29	64	85,727	335	179,157
125	Liquors, malt	112	26,822,396	3,564,394	8,592,305	5,651,174	9,014,523	81	547	879,010	3,464	2,292,652
126	Liquors, vinous	52	1,621,836	81,235	307,745	238,969	993,887	49	58	49,259	179	68,163
127	Lithographing and engraving	19	2,771,946	57,513	205,500	1,148,055	1,360,878	10	230	277,336	1,678	835,467
128	Lock and gun smithing	105	68,577	12,550	5,480	26,919	23,628	116	------	------	52	21,441
129	Looking-glass and picture frames	125	811,337	121,630	180,950	89,966	418,791	152	74	67,832	691	282,372
130	Lumber and timber products	2,054	13,741,418	3,071,577	939,631	3,267,283	6,462,927	2,800	365	303,421	8,539	3,298,668
131	Lumber, planing mill products, including sash, doors, and blinds.	354	7,498,314	902,774	978,193	1,439,046	4,178,301	435	434	355,979	4,696	2,169,264
132	Malt	14	1,358,054	214,390	327,107	84,703	731,854	13	22	32,112	135	85,995
133	Marble and stone work	133	1,949,635	575,542	186,528	590,929	596,636	160	120	106,083	1,839	869,258
134	Masonry, brick and stone	441	1,489,846	83,885	82,800	301,927	1,021,234	565	99	77,316	4,006	2,198,980
135	Mattresses and spring beds	40	332,714	18,920	27,730	58,364	227,700	49	49	35,657	451	157,799
136	Millinery and lace goods	20	220,808	10,000	57,500	20,764	132,544	30	19	12,050	392	96,489
137	Millinery, custom work	1,231	1,697,807	159,847	260,230	74,842	1,202,888	1,445	276	86,707	2,396	603,478
138	Mineral and soda waters	112	652,736	92,800	84,485	255,795	219,656	130	58	46,193	328	152,289
139	Mirrors	5	243,387	9,200	26,000	72,875	135,312	4	12	11,100	128	54,057
140	Models and patterns	65	234,043	8,568	30,550	81,720	113,205	80	11	10,332	320	170,072
141	Monuments and tombstones	241	885,551	134,207	117,708	84,233	549,403	301	98	57,739	528	304,528
142	Mucilage and paste	12	27,310	4,150	4,575	2,175	16,410	15	1	600	26	8,207
143	Musical instruments and materials, not specified.	16	150,436	50,000	50,000	6,617	43,819	13	5	2,760	40	19,748
144	Musical instruments, organs and materials.	6	79,523	9,800	12,500	7,870	49,353	7	9	1,980	46	23,954
145	Musical instruments, pianos and materials.	12	1,269,913	88,250	232,887	110,361	838,415	13	44	59,282	725	333,639
146	Oil, linseed	7	1,987,221	405,000	227,000	448,000	907,221	------	25	48,560	147	76,044
147	Oil, not elsewhere specified	15	711,805	11,800	25,641	66,575	607,789	12	148	143,424	93	44,864
148	Optical goods	17	51,655	------	------	12,008	39,647	16	3	920	54	27,671
149	Painting, house, sign, etc	887	880,950	87,253	126,313	156,587	510,797	1,062	85	56,020	2,535	1,333,895
150	Paints	45	4,306,499	490,596	474,905	433,921	2,907,077	41	395	470,581	733	336,746
151	Paper and wood pulp	51	7,872,913	919,935	1,585,571	2,661,501	2,705,906	19	196	277,984	3,184	1,118,040
152	Paper goods, not elsewhere specified	14	1,066,431	41,500	143,119	288,975	592,837	11	49	76,350	744	244,439
153	Paper hanging	147	429,282	9,535	21,920	34,383	363,444	167	72	47,839	527	288,390
154	Paper hangings	3	132,789	10,726	15,000	23,412	83,651	3	11	8,596	70	27,882
155	Patent medicines and compounds	139	2,168,037	89,500	193,205	165,289	1,720,043	158	249	240,739	560	198,705
156	Paving and paving materials	192	1,446,477	161,938	117,009	456,115	711,415	221	141	97,578	2,646	1,149,397
157	Pens, fountain and stylographic	4	25,540	350	600	9,350	15,240	5	3	1,669	43	16,515
158	Perfumery and cosmetics	8	64,652	300	200	5,926	58,226	6	13	12,000	40	14,795
159	Petroleum, refining	9	10,912,818	856,225	928,690	4,824,427	4,303,476	2	217	234,209	1,008	551,692
160	Photographic materials	5	10,100	------	------	3,600	6,500	6	------	------	15	4,756
161	Photography	488	608,123	32,430	62,325	286,076	227,292	547	44	18,592	481	202,982
162	Photolithographing and photoengraving.	18	117,064	9,800	18,200	51,014	38,050	14	36	25,628	200	97,315
163	Pickles, preserves, and sauces	27	519,490	13,860	131,025	79,795	294,810	30	45	61,184	354	132,480
164	Plastering and stuccowork	207	196,211	22,867	26,403	65,156	81,785	256	5	4,120	559	325,410
165	Plated and britannia ware	3	209,374	------	62,304	83,399	63,671	1	15	22,416	244	115,313
166	Plumbers' supplies	18	789,786	29,937	48,468	160,222	551,159	12	91	107,474	578	242,047
167	Plumbing, and gas and steam fitting	612	2,056,463	153,038	172,900	254,614	1,475,911	787	233	143,853	2,794	1,540,553
168	Pottery, terra cotta, and fire-clay products.	248	15,563,969	1,980,872	5,215,460	2,776,469	5,591,168	225	818	765,915	11,870	5,000,846
169	Printing and publishing, book and job	410	6,330,456	154,120	642,979	3,558,699	1,974,658	458	568	492,547	4,613	2,171,241
170	Printing and publishing, music	6	192,788	------	------	14,550	178,238	4	29	24,559	48	22,870
171	Printing and publishing, newspapers and periodicals.	837	11,327,865	651,865	1,103,821	5,557,691	4,014,488	863	1,456	1,277,427	6,360	3,119,596
172	Printing materials	3	16,975	------	------	10,600	6,375	8	1	416	10	5,216
173	Pumps, not including steam pumps	30	115,656	7,985	7,450	14,065	86,156	35	13	11,647	83	35,807
174	Regalia and society banners and emblems.	11	923,734	51,074	134,460	70,484	667,716	14	146	119,859	813	199,850
175	Registers, cash	5	4,922,860	49,612	488,547	428,568	3,956,133	1	296	302,835	1,919	1,173,644
176	Roofing and roofing materials	307	1,956,047	162,231	242,766	309,328	1,241,722	370	146	114,388	1,144	551,630
177	Rubber and elastic goods	19	5,989,129	306,369	624,633	900,991	4,157,136	17	318	305,449	3,505	1,281,038
178	Saddlery and harness	850	3,203,189	326,555	531,260	310,752	2,034,622	952	208	167,023	2,229	863,330
179	Safes and vaults	10	3,560,778	159,000	419,820	1,054,937	1,927,021	2	124	141,056	1,327	678,866
180	Salt	10	796,841	78,047	268,400	308,000	142,394	3	48	42,218	678	243,397
181	Sausage	6	40,550	10,300	21,150	5,000	4,100	6	------	------	19	11,150
182	Saws	11	326,301	24,525	32,232	105,946	163,598	14	22	18,995	165	78,857
183	Scales and balances	5	291,777	7,000	5,000	77,000	202,777	1	44	36,037	316	158,819
184	Screws, wood	8	1,209,500	70,000	255,000	456,000	428,500	------	40	59,727	635	187,300
185	Sewing machine repairing	20	16,620	3,300	2,200	3,390	7,730	23	5	3,652	17	7,473
186	Sewing machines and attachments	5	3,404,137	96,000	328,660	692,420	2,287,057	------	157	208,094	1,306	739,621
187	Ship and boat building, wooden	31	283,940	90,050	35,880	52,785	105,225	37	14	9,445	368	161,123
188	Shirts	53	302,392	1,300	5,500	36,740	258,852	71	86	38,870	733	175,136
189	Shoddy	6	1,397,746	120,500	138,000	408,700	730,546	------	35	55,225	474	164,579
190	Show cases	9	80,309	12,800	8,100	19,235	40,174	13	12	9,150	100	50,917
191	Slaughtering and meat packing, wholesale.	60	5,224,226	274,665	688,071	482,606	3,778,884	76	313	266,001	1,700	775,288

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
1,384	$617,409					$160,315	$3,090	$15,488	$109,706	$32,031	$3,774,298	$3,745,759	$28,539	$5,182,065	122
1,602	697,099	7	$1,400	10	$2,343	147,888	12,391	13,766	113,847	7,884	1,082,664	709,059	373,605	2,709,481	123
317	174,798	12	3,868	6	491	9,622,583	5	15,550	9,607,028		1,438,507	1,360,966	77,541	12,447,268	124
3,420	2,284,958	5	852	39	6,842	8,104,240	12,120	217,434	7,874,686		4,277,812	3,895,656	382,156	18,522,639	125
170	67,227	8	756	1	180	69,718	4,810	7,154	57,754		428,879	419,032	9,847	801,684	126
1,362	761,944	314	73,183	2	340	159,370	28,313	9,324	117,587	4,146	1,100,663	1,085,235	15,428	2,731,956	127
48	20,564	3	775	1	102	12,639	10,047	519	2,063	10	24,661	22,370	2,291	126,478	128
627	268,400	37	10,566	27	3,406	82,755	23,639	6,337	52,379	400	482,153	474,515	7,638	1,114,220	129
8,402	3,274,682	79	16,306	58	7,680	508,562	57,272	81,052	370,238		11,296,045	11,285,923	10,122	20,790,854	130
4,651	2,160,825	24	5,416	21	3,023	468,548	52,391	59,897	277,088	79,172	6,549,648	6,479,537	70,111	11,066,671	131
135	85,995					61,019	10,908	8,811	41,300		915,422	877,686	37,736	1,166,268	132
1,828	866,533	5	1,500	6	1,225	141,229	25,300	10,081	90,785	15,063	610,779	557,440	53,339	2,071,249	133
4,005	2,198,833			1	147	1,013,913	15,255	4,938	51,941	941,779	2,676,464	2,653,926	22,538	7,148,133	134
305	115,735	144	41,864	2	200	48,961	13,811	2,090	33,060		583,932	578,844	5,088	985,990	135
43	23,267	349	73,222			18,821	9,535	801	6,873	1,612	324,459	322,944	1,515	547,540	136
14	6,442	2,368	595,667	14	1,369	352,993	243,347	14,935	87,671	7,040	2,505,821	2,487,632	18,189	4,756,099	137
317	149,276	5	1,781	6	1,232	108,908	13,886	5,460	89,562		773,959	756,705	17,254	1,731,684	138
120	51,579	6	2,250	2	228	12,676	2,680	410	9,586		282,928	279,939	2,989	387,417	139
316	168,902	4	1,170			19,153	9,136	1,140	7,127	1,750	76,432	70,519	5,913	406,624	140
525	303,473	3	1,055			86,938	16,201	7,168	42,307	21,262	1,063,653	1,056,581	7,072	1,928,217	141
17	6,901	8	1,206	1	100	1,934	990	231	613	100	15,806	15,469	337	46,931	142
35	18,340	5	1,408			14,799	2,736	310	10,353	1,400	21,832	20,963	869	70,219	143
45	23,804	1	150			3,892	220	335	3,337		22,115	21,400	715	63,406	144
704	323,202	21	10,437			115,287	6,027	5,350	103,910		687,621	679,463	8,158	1,387,454	145
147	76,044					72,931		6,074	66,857		2,888,681	2,870,132	18,549	3,114,655	146
93	44,864					133,911	7,589	1,366	123,597	1,359	890,516	881,654	8,862	1,505,889	147
43	24,856	8	2,332	3	483	9,675	6,087	281	3,307		42,302	41,256	1,046	121,695	148
2,512	1,329,044	13	2,894	10	1,957	133,537	60,894	4,933	62,988	4,722	1,053,290	1,048,080	5,210	3,570,218	149
635	303,493	98	33,253			618,050	23,576	32,090	502,384	60,000	3,204,558	3,168,453	36,105	5,165,001	150
2,542	971,232	629	143,630	13	3,178	479,336	5,508	40,881	432,997		3,768,572	3,283,277	485,295	6,543,513	151
432	181,961	312	62,478			60,791	5,122	3,850	51,819		1,383,209	1,358,029	25,180	2,691,494	152
490	278,469	34	9,539	3	382	56,082	36,485	1,941	17,256	400	468,743	466,487	2,256	1,155,400	153
58	25,482	12	2,400			9,444	312	732	8,400		57,886	56,066	1,820	117,472	154
261	127,362	293	70,751	6	592	1,232,904	27,727	7,458	1,193,619	4,100	1,033,869	1,022,848	11,021	3,673,040	155
2,633	1,147,317			13	2,080	102,402	13,912	6,292	68,329	13,869	1,416,227	1,392,226	24,001	3,305,701	156
27	12,495	15	3,700	1	320	2,964	1,400	37	1,527		22,189	21,774	415	52,000	157
10	7,267	30	7,528			35,528	1,905	248	33,375		62,685	62,477	208	155,826	158
965	541,261	43	10,431			620,061	4,747	53,655	561,259	400	6,177,048	5,851,457	325,591	8,396,977	159
8	3,342	7	1,414			3,435	700	114	2,371	250	9,799	9,491	308	32,025	160
279	146,141	191	55,337	11	1,504	141,390	98,715	4,440	36,879	1,356	365,104	355,682	9,422	1,270,195	161
181	91,059	18	6,156	1	100	15,682	5,240	579	7,313	2,550	46,872	44,079	2,793	232,297	162
169	87,898	185	44,582			131,652	7,145	3,011	119,996	1,500	734,204	728,317	5,887	1,305,249	163
558	325,261			1	149	16,132	6,403	1,152	7,245	1,332	805,371	304,485	886	905,797	164
238	113,463	6	1,850			11,208	1,380	1,236	8,152	440	144,894	142,998	1,896	324,676	165
577	241,527			1	520	55,367	13,022	3,698	37,547	1,100	622,748	611,310	11,438	1,204,765	166
2,772	1,536,110	4	1,145	18	3,298	222,099	112,443	12,465	83,381	13,810	3,466,857	3,440,789	26,068	6,743,144	167
9,621	4,453,264	2,148	527,777	101	19,805	691,591	21,694	80,224	562,536	27,137	3,229,385	2,260,395	968,990	11,851,225	168
3,413	1,856,288	1,132	304,830	68	10,123	823,070	157,826	31,160	397,570	236,514	2,749,600	2,674,970	74,630	7,941,570	169
32	19,908	6	1,560	10	1,402	135,000	2,400	3,172	77,483	51,945	23,761	23,370	391	260,658	170
4,907	2,784,987	1,149	300,146	304	34,463	1,733,296	184,756	60,616	1,153,319	334,605	2,883,006	2,779,464	103,542	12,189,640	171
10	5,216					1,947	1,385	30	532		14,432	14,320	112	34,000	172
83	35,807					7,775	3,519	653	3,603		90,064	89,067	997	193,335	173
222	89,561	589	110,081	2	208	223,767	8,922	7,330	207,215	300	929,173	924,702	4,471	1,624,065	174
1,738	1,109,404	181	64,240			903,984	2,379	7,423	894,182		857,749	828,959	28,790	5,414,711	175
1,133	549,635	5	1,112	6	883	132,667	33,978	10,659	85,638	2,392	2,904,347	2,886,979	17,368	4,624,810	176
2,576	1,025,815	905	249,658	24	5,565	305,446	3,110	38,217	264,079	40	4,757,204	4,650,270	106,934	7,330,104	177
1,849	780,910	340	76,145	40	6,275	224,243	78,912	24,084	120,857	390	2,953,855	2,930,728	23,127	5,111,345	178
1,319	677,410			8	1,456	125,668	7,730	10,949	106,989		1,123,010	1,102,437	20,573	2,407,655	179
543	215,975	133	27,102	2	320	93,342		6,656	85,709	977	423,875	274,636	149,239	818,200	180
19	11,150					1,424	144	438	842		79,398	78,366	1,032	106,877	181
165	78,857					11,688	3,402	1,453	6,833		131,467	125,479	5,988	325,918	182
311	157,319	5	1,500			76,612	3,060	1,277	22,275	50,000	257,580	253,727	3,853	634,058	183
353	146,500	282	40,800			46,183		6,832	39,351		253,054	245,054	8,000	630,608	184
14	7,121	1	150	2	202	3,411	1,834	134	1,443		14,306	14,090	216	45,020	185
1,275	732,457	18	4,980	13	2,184	166,987	3,200	14,615	149,172		1,445,745	1,433,046	12,699	2,922,959	186
368	161,123					23,908	3,360	1,704	6,994	11,850	202,516	199,479	3,037	485,581	187
69	35,152	663	139,880	1	104	50,986	13,453	712	19,454	17,367	405,340	401,749	3,591	833,258	188
229	102,736	245	61,843			69,259	540	5,495	63,224		1,077,529	1,055,619	21,910	1,478,712	189
94	49,427	2	490	4	1,000	10,925	3,240	733	6,952		80,515	78,955	1,560	189,416	190
1,652	762,404	29	8,656	19	4,228	619,628	26,120	24,262	569,246		17,006,794	16,922,355	84,439	19,609,304	191

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
192	Slaughtering, wholesale, not including meat packing.	11	$131,400	$22,175	$32,550	$22,175	$54,500	14			65	$36,110
193	Soap and candles	55	7,655,594	600,720	1,852,268	910,350	4,292,256	53	360	$390,180	1,427	572,301
194	Sporting goods	9	314,202	6,800	21,200	59,803	226,399	6	26	29,321	349	127,059
195	Stamped ware	8	767,370	123,000	107,000	303,366	234,004	5	34	36,239	384	136,719
196	Starch	5	2,073,209	705,000	875,000	269,703	223,506		31	39,815	199	78,159
197	Stationery goods, not elsewhere specified.	5	1,402,655	80,500	124,490	247,501	950,164	5	91	83,777	968	268,741
198	Steam fittings and heating apparatus	22	1,444,658	135,946	208,400	229,215	871,097	14	98	96,237	677	374,689
199	Stencils and brands	10	145,940	34,000	50,640	43,000	18,300	12	5	2,816	71	35,293
200	Stereotyping and electrotyping	12	193,884			86,608	107,276	12	38	33,489	186	108,050
201	Sugar and molasses, refining	21	97,349	1,257	4,090	18,469	73,533	26	8	11,870	26	9,972
202	Surgical appliances	12	20,250	1,000	1,000	4,495	13,755	14			30	11,900
203	Taxidermy	5	4,480			580	3,900	5			1	156
204	Tin and terne plate	12	1,153,265	53,300	101,335	405,327	593,303	1	38	33,301	697	394,676
205	Tinsmithing, coppersmithing, and sheet-iron working.	885	3,427,962	306,448	498,269	763,832	1,859,413	1,052	240	201,030	8,395	1,436,861
206	Tobacco, chewing, smoking, and snuff	19	2,081,858	34,421	181,660	350,316	1,515,461	18	162	242,606	1,087	389,881
207	Tobacco, cigars and cigarettes	1,129	4,579,159	184,358	309,980	320,178	3,764,643	1,273	372	363,170	9,046	3,016,072
208	Tobacco, stemming and rehandling	48	2,878,688	52,875	207,268	39,176	2,579,369	85	64	86,414	2,056	552,593
209	Tools, not elsewhere specified	41	1,390,653	88,450	238,642	484,005	579,556	40	83	79,104	832	394,674
210	Toys and games	16	306,630	23,301	36,804	61,599	184,926	17	31	16,062	350	102,719
211	Trunks and valises	23	356,259	22,300	36,500	41,857	255,602	29	49	40,150	428	159,664
212	Umbrellas and canes	20	306,209	2,500	20,700	57,579	225,430	20	49	32,375	292	90,173
213	Upholstering materials	13	473,543	35,900	64,750	146,070	226,823	18	19	26,646	188	66,491
214	Varnish	20	1,195,885	90,081	163,352	84,519	857,933	21	120	165,317	109	76,841
215	Vinegar and cider	118	265,582	28,257	57,888	94,224	85,213	143	18	18,617	102	34,367
216	Washing machines and clothes wringers.	17	80,690	2,900	7,700	19,062	51,028	19	16	8,685	68	31,469
217	Watch, clock, and jewelry repairing	736	544,596	70,815	81,420	184,895	207,466	783	5	2,430	534	276,304
218	Whips	4	184,130	4,000	26,571	27,803	125,756		45	42,894	146	40,429
219	Windmills	3	240,882	5,453	63,536	10,297	161,596	4	14	13,527	110	52,259
220	Window shades	4	121,210			7,210	114,000	6	10	7,680	60	26,715
221	Wirework, including wire rope and cable.	48	1,170,203	64,600	176,552	336,840	592,211	49	88	68,057	977	352,362
222	Wood, turned and carved	97	1,169,790	169,691	194,546	284,418	521,135	110	55	53,225	980	386,185
223	Woodenware, not elsewhere specified	8	186,460	13,240	41,500	29,200	102,520	12	12	6,827	140	57,774
224	Woolen goods	35	1,591,445	112,745	280,978	472,411	725,311	28	57	64,776	636	201,547
225	All other industries[1]	87	12,633,102	1,183,930	1,646,642	3,508,887	6,293,643	68	423	530,842	7,466	3,548,455

[1] Embraces axle grease, 1; babbitt metal and solder, 2; bells, 2; bone, ivory, and lamp black, 1; bronze castings, 1; calcium lights, 1; chocolate and cocoa products, 1; clocks, 1; copper, smelting and refining, 1; cordials and sirups, 2; cork, cutting, 1; cotton small wares, 1; cotton waste, 1; dentists' materials, 1; drug grinding, 1; dyeing and finishing textiles, 1; emery wheels, 1; engravers' materials, 1; envelopes, 1; felt goods, 2; fire extinguishers, chemical, 1; fur hats, 1; galvanizing, 2; glue, 1; gold and silver, leaf and foil, 2; gold and silver, reducing and refining, not from the ore, 2; hammocks, 2; horseshoes, factory product, 1; ink, writing, 2; iron and steel, doors and shutters, 1; lard, refined, 1; lasts, 2; lead, bar, pipe, and sheet, 2; matches, 2; nets and seines, 1; oil, cottonseed and

TABLE 8.—MANUFACTURES IN CITIES

AKRON.

1	All industries	431	$24,199,310	$1,208,661	$4,596,380	$5,970,113	$12,424,156	427	1,130	$1,019,025	9,030	$3,971,307
2	Bicycle and tricycle repairing	5	2,830			1,145	1,685	6			3	1,025
3	Blacksmithing and wheelwrighting	31	21,080	8,110	5,150	3,340	4,480	34			25	14,124
4	Boots and shoes, custom work and repairing.	30	3,472	525	475	1,695	777	31			4	1,600
5	Bread and other bakery products	19	26,717	2,725	6,575	8,711	8,706	18	9	4,309	34	15,905
6	Brick and tile	3	84,813	15,000	28,600	12,539	28,674	6	4	2,510	72	29,299
7	Brooms and brushes	3	2,640	700	625	340	975	3			6	2,920
8	Carpentering	16	40,469	3,600	9,400	6,004	21,465	19	4	2,430	97	44,533
9	Carriage and wagon materials	3	146,292	22,937	43,754	29,109	50,492		14	14,450	133	62,365
10	Carriages and wagons	5	59,375	18,000	10,100	5,475	25,800	6	3	2,350	24	11,134
11	Clothing, men's, custom work and repairing.	27	37,544	2,200	825	2,150	32,369	29	1	1,200	92	40,251
12	Clothing, women's, dressmaking	9	2,075			1,545	530	9	4	2,500	68	11,976
13	Confectionery	3	25,150	2,400	3,200	8,525	11,025	3	4	3,504	35	18,058
14	Electrical apparatus and supplies	3	77,900	10,400	11,000	12,500	44,000	1	2	4,700	27	12,116
15	Foundry and machine shop products	19	3,539,551	145,108	416,460	397,753	2,580,230	13	207	154,646	1,171	608,560
16	Furniture, cabinetmaking, repairing, and upholstering.	7	17,102	6,900	1,200	2,707	6,295	7	1	275	14	7,090
17	Looking-glass and picture frames	5	4,330			530	3,800	6	1	900	7	4,000
18	Lumber, planing mill products, including sash, doors, and blinds.	6	210,219	10,120	11,388	15,141	173,570	10	11	10,700	109	58,450
19	Masonry, brick and stone	12	22,490	600	1,200	5,290	15,400	15	1	600	107	61,750
20	Millinery, custom work	14	47,150	7,000	5,000	1,150	34,000	16	8	4,680	64	20,350
21	Painting, house, sign, etc	19	128,499	4,850	28,968	32,855	61,826	21	7	7,953	109	61,000
22	Patent medicines and compounds	6	48,416	500	500	1,300	46,116	5	3	2,600	5	1,194
23	Photography	11	14,985		125	8,265	6,595	14	1	450	10	4,048
24	Plastering and stuccowork	3	1,475			425	1,050	3			12	8,200
25	Plumbing, and gas and steam fitting	10	32,040			3,290	28,750	17	4	1,920	54	25,979
26	Pottery, terra cotta, and fire-clay products.	18	1,455,246	150,567	637,284	315,571	351,824	8	45	42,229	900	411,849

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
65	$36,110					$19,380	$780	$930	$17,670		$921,159	$917,268	$3,891	$1,051,476	192
988	473,755	401	$93,002	88	$5,544	1,182,185	12,969	37,524	1,122,600	$9,092	5,049,219	4,944,710	104,509	8,150,069	193
164	75,619	185	51,440			22,801	1,985	1,452	19,364		573,818	569,185	4,633	797,534	194
373	135,472	11	1,247			23,942	4,440	2,919	16,583		297,849	287,980	9,869	570,610	195
157	67,949	39	9,850	3	360	84,396	1,930	5,488	76,978		572,168	558,138	14,030	940,511	196
280	141,571	672	124,320	16	2,850	33,188	3,520	4,367	25,301		448,006	438,448	9,558	977,367	197
671	372,481	1	208	5	2,000	72,204	8,426	5,924	48,531	9,323	610,082	594,300	15,782	1,495,724	198
63	34,343			3	950	7,389	2,645	986	3,658	100	19,540	18,445	1,095	91,218	199
180	106,550	4	1,050	2	450	28,369	7,916	839	19,614		82,368	76,510	5,858	317,041	200
24	9,612	1	236	1	124	18,278	1,900	373	16,005		96,024	94,802	1,222	167,625	201
12	7,348	16	4,194	2	358	3,044	1,927	64	1,053		7,232	6,939	293	41,070	202
				1	156	752	650	34	68		1,435	1,385	50	5,040	203
564	353,649	133	41,027			38,963	1,800	3,631	33,532		5,012,175	4,997,786	14,389	6,023,314	204
2,829	1,317,350	422	93,086	144	26,425	268,601	101,246	22,524	137,186	7,645	3,972,984	3,928,677	44,307	7,250,109	205
657	268,323	430	121,558			3,001,133	10,039	13,926	2,977,168		1,917,219	1,895,866	21,353	5,752,853	206
3,738	1,642,778	5,156	1,351,179	152	22,115	2,613,678	142,744	22,537	2,447,769	628	3,717,825	3,697,039	20,786	11,239,824	207
776	283,077	1,237	264,405	43	5,111	141,173	8,497	13,483	116,193	3,000	2,587,583	2,582,421	5,162	3,839,952	208
728	373,544	103	21,010	1	120	101,708	7,830	4,762	87,049	2,067	411,705	393,669	18,036	1,350,441	209
252	84,129	91	17,620	7	970	24,218	1,859	1,090	20,569	700	166,498	163,516	2,982	348,307	210
368	147,964	43	9,222	17	2,478	37,098	17,820	2,357	16,921		358,370	354,683	3,687	696,988	211
134	46,649	155	42,900	3	624	20,686	9,952	1,759	8,975		306,555	303,376	3,179	518,994	212
139	53,961	47	12,180	2	350	23,095	4,696	2,515	15,884		423,067	418,514	4,553	614,346	213
108	76,541	1	300			165,960	5,110	8,494	152,356		910,910	901,678	9,232	1,538,623	214
94	32,867	6	1,340	2	160	18,736	663	1,777	16,296		147,999	141,641	6,358	302,405	215
67	31,349			1	120	7,831	3,740	538	3,553		129,534	126,767	2,767	214,604	216
497	268,508	24	6,261	13	1,535	102,009	74,207	4,877	18,435	4,490	207,698	199,168	8,530	1,021,897	217
84	27,470	62	12,959			26,366		1,179	25,187		131,192	129,837	1,355	267,879	218
110	52,259					9,774	140	3,262	6,372		95,744	95,104	640	174,396	219
41	21,615	19	5,100			9,045	5,400	405	3,240		202,190	201,330	860	283,935	220
903	331,576	73	20,606	1	180	92,689	9,099	7,078	74,512	2,000	803,813	794,342	9,471	1,528,375	221
960	383,200	13	2,222	7	763	62,861	10,643	6,393	38,620	7,205	794,605	784,031	10,574	1,526,720	222
139	57,674			1	100	21,025	781	1,761	18,483		83,452	80,267	3,185	205,600	223
266	110,850	341	87,037	29	3,660	86,394	2,100	7,936	76,358		869,236	851,189	18,047	1,321,751	224
6,198	3,208,656	1,233	334,295	35	5,504	1,228,886	38,393	45,552	870,564	274,377	9,870,163	9,720,222	149,941	17,606,694	225

cake, 1; oil, lard, 1; oilcloth, enameled, 1; oilcloth, floor, 1; oleomargarine, 2; pens, gold, 1; pens, steel, 1; photographic apparatus, 2; pipes, tobacco, 1; refrigerators, 1; rules, ivory and wood, 1; sewing machine cases, 1; shipbuilding, iron and steel, 2; silversmithing, 1; smelting and refining, not from the ore, 2; springs, steel, car and carriage, 2; steam packing, 2; straw goods, not elsewhere specified, 1; type founding, 1; typewriter repairing, 2; typewriters and supplies, 1; vault lights and ventilators, 2; watch cases, 2; watches, 2; wheelbarrows, 2; wire, 1; wool pulling, 2; worsted goods, 1.

BY SPECIFIED INDUSTRIES: 1900.

AKRON.

7,299	$3,529,449	1,666	$433,314	65	$8,544	$1,779,804	$56,626	$111,104	$1,236,162	$375,912	$13,474,282	$13,114,806	$359,476	$23,610,099	1
3	1,025					699	528	6	165		1,388	1,335	53	5,500	2
25	14,124					2,645	2,171	181	293		14,380	13,436	944	58,252	3
4	1,600					1,608	1,577	13	18		7,966	7,763	203	26,442	4
31	15,255	8	650			4,516	3,071	363	1,082		51,659	49,089	2,570	94,772	5
72	29,299					7,636		434	7,202		17,998	988	17,010	75,769	6
6	2,920					299	224	20	55		3,578	3,563	15	8,950	7
97	44,533					13,037	786	267	1,562	10,442	142,072	141,545	527	257,574	8
133	62,365					12,632		1,070	11,562		78,099	75,566	2,533	186,798	9
24	11,134					2,914	150	495	1,469	800	14,465	13,930	535	39,643	10
64	33,111	28	7,140			7,076	5,778	186	1,112		41,072	40,593	479	120,929	11
		68	11,976			4,091	4,039		52		21,450	21,400	50	53,450	12
23	13,654	12	4,404			2,352	1,600	310	442		30,630	29,585	1,045	70,000	13
26	11,700	1	416			3,348	50	258	3,040		14,613	13,553	1,060	41,250	14
1,165	606,310	6	2,250			244,777	352	15,162	119,693	109,570	745,852	715,361	30,491	2,094,789	15
13	6,990	1	100			1,697	779	142	776		8,353	8,067	286	23,528	16
6	3,550	1	450			672	599		73		12,422	12,395	27	24,675	17
109	53,450					7,303	1,325	966	4,612	400	82,446	81,941	505	192,650	18
107	61,750					809	385	71	353		71,760	71,655	105	167,708	19
		64	20,350			21,528	8,548	610	12,370		66,506	66,224	282	138,698	20
105	60,040	4	960			23,595	618	149	22,828		125,495	124,138	1,357	256,006	21
1	450	4	744			11,124	555	86	10,483		13,435	13,345	90	36,250	22
7	3,473	8	575			2,626	2,229	29	368		11,282	11,046	236	32,367	23
12	8,200										7,575	7,575		19,300	24
54	25,979					5,803	2,523	233	3,047		64,502	64,352	150	120,453	25
785	387,399	113	24,150	2	300	64,474		12,307	49,667	2,500	215,456	101,273	114,183	867,116	26

TABLE 8.—MANUFACTURES IN CITIES

AKRON—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
27	Printing and publishing, book and job	13	$2,195,040	$40,150	$500,050	$1,018,589	$636,251	10	111	$98,611	903	$431,763
28	Printing and publishing, newspapers and periodicals.	5	217,390	5,000	5,000	126,000	81,390	1	37	44,780	46	33,967
29	Roofing and roofing materials	11	52,229	9,250	3,850	6,059	33,070	14	8	4,880	74	30,931
30	Rubber and elastic goods	8	4,642,896	279,603	506,879	824,444	3,031,970	6	259	233,993	2,677	1,005,405
31	Saddlery and harness	12	19,335	1,400	950	2,310	14,675	13	1	900	11	6,085
32	Tinsmithing, coppersmithing, and sheet-iron working.	8	61,265	4,350	12,850	10,990	33,075	9	9	5,713	37	17,334
33	Tobacco, cigars and cigarettes	7	4,803	1,350	700	133	2,620	7			9	3,816
34	Watch, clock, and jewelry repairing	14	6,750			4,075	2,675	14			12	4,725
35	All other industries[1]	66	10,947,742	455,316	2,344,272	3,100,158	5,047,996	53	371	365,242	2,079	904,505

[1] Embraces agricultural implements, 2; awnings, tents, and sails, 2; belting and hose, leather, 1; bicycles and tricycles, 1; bottling, 1; boxes, fancy and paper, 1; brass castings and brass finishing, 1; carpets, rag, 1; china decorating, 1; cleansing and polishing preparations, 2; coffee and spice, roasting and grinding, 1; cooperage, 1; cordage and twine, 1; dyeing and cleaning, 2; electrical construction and repairs, 2; electroplating, 1; engraving, wood, 1; fancy articles, not elsewhere specified, 2; files, 1; flavoring extracts, 1; flouring and grist mill products, 2; food preparations, 1; gas, illuminating and heating, 1; hand stamps, 1; hardware, 1;

CANTON.

1	All industries	502	$10,094,813	$935,518	$1,625,524	$1,959,271	$5,574,500	541	562	$523,561	6,455	$2,970,245
2	Agricultural implements	6	2,473,863	202,360	223,474	281,489	1,766,540	1	102	99,818	586	267,619
3	Bicycle and tricycle repairing	12	8,480	1,000	1,000	3,275	3,205	18			12	6,297
4	Blacksmithing and wheelwrighting	21	17,015	4,600	3,900	2,640	5,875	23			17	7,290
5	Boots and shoes, custom work and repairing.	29	11,778	800	1,550	2,965	6,463	29			12	6,313
6	Bottling	3	20,150	5,000	12,000	200	2,950	3	1	572	9	4,292
7	Bread and other bakery products	11	34,806	2,700	5,500	11,950	14,656	15	1	720	47	20,551
8	Brick and tile	3	465,139	71,470	191,358	70,242	132,069		9	8,980	171	83,481
9	Carpentering	28	144,380	23,200	15,100	11,885	94,195	30	2	1,500	212	111,587
10	Carpets, rag	3	2,395	200	200	325	1,670	3			2	452
11	Carriages and wagons	7	34,800	7,600	5,900	3,375	17,925	12	1	150	33	15,487
12	Clothing, men's, custom work and repairing.	28	19,689	2,350	2,450	2,810	12,079	31	3	1,174	86	39,303
13	Clothing, women's, dressmaking	52	21,132	975	1,600	5,320	13,237	59			110	24,373
14	Confectionery	9	41,610	3,600	6,700	5,300	26,010	10	12	7,000	28	8,534
15	Dyeing and cleaning	6	2,975	400	300	1,740	535	6			8	3,370
16	Electrical construction and repairs	3	6,905			6,100	805	3			6	2,702
17	Flouring and grist mill products	3	51,000	13,000	10,000	22,000	6,000	3	3	1,600	7	4,858
18	Foundry and machine shop products	16	611,760	48,131	118,128	125,388	320,113	16	35	28,854	446	201,482
19	Furniture, cabinetmaking, repairing, and upholstering.	3	5,200	500	50	850	3,800	3			3	1,460
20	Furniture, factory product	5	382,315	28,038	68,759	40,916	244,602	1	27	34,020	236	110,926
21	Hardware, saddlery	3	234,816	15,200	57,650	41,265	120,701	4	16	16,166	225	87,637
22	Iron and steel	3	768,783	67,531	98,180	283,105	319,967		30	48,220	371	212,231
23	Ironwork, architectural and ornamental.	4	712,655	34,700	92,103	99,007	486,845	2	64	47,518	304	109,320
24	Lamps and reflectors	3	150,434	19,428	6,000	7,123	117,883	3	22	11,858	64	23,974
25	Lock and gun smithing	3	1,550			1,100	450	3				
26	Looking-glass and picture frames	4	8,085			450	7,635	4			6	2,850
27	Masonry, brick and stone	22	62,995	11,550	16,040	10,115	25,290	26			136	99,794
28	Millinery, custom work	10	16,123			643	15,480	13			45	16,118
29	Painting, house, sign, etc	30	52,522	9,735	10,690	4,140	27,957	37			71	41,917
30	Paving and paving materials	6	11,810	400	900	4,925	5,585	8			48	24,454
31	Photography	11	16,725		1,150	7,700	7,875	11			11	4,839
32	Plastering and stuccowork	9	9,355	1,500	2,600	1,010	4,245	9			27	20,712
33	Plumbing, and gas and steam fitting	7	61,275	3,300	4,500	3,525	49,950	6	12	8,884	69	36,223
34	Pottery, terra cotta, and fire-clay products.	3	131,800	6,000	58,500	50,000	17,300	3	5	5,000	76	27,734
35	Printing and publishing, book and job	7	31,875	1,500	1,000	26,600	2,775	7			23	10,329
36	Printing and publishing, newspapers and periodicals.	4	84,121	8,000	2,000	44,500	29,621	1	12	11,876	80	36,140
37	Roofing and roofing materials	5	80,800	400	950	15,575	63,875	5	5	4,400	23	12,692
38	Saddlery and harness	8	170,117	6,000	46,000	19,536	98,581	8	12	10,715	207	62,656
39	Tinsmithing, coppersmithing, and sheet-iron working.	17	27,096	4,200	5,575	4,060	13,261	18	2	600	35	16,563
40	Tobacco, cigars and cigarettes	15	13,478	850	1,500	1,420	9,708	15	3	1,416	43	13,647
41	Watch, clock, and jewelry repairing	8	7,078	300	700	2,220	3,858	9			9	4,892
42	Wood, turned and carved	3	8,840	3,150	1,100	3,155	1,435	3			14	5,003
43	All other industries[1]	69	3,077,088	325,850	550,417	729,327	1,471,494	80	183	172,520	2,537	1,180,143

[1] Embraces baking and yeast powders, 1; bicycles and tricycles, 1; bookbinding and blank book making, 2; boxes, wooden packing, 1; bridges, 1; brooms and brushes, 2; carriage and wagon materials, 2; carriages and sleds, children's, 2; cars and general shop construction and repairs by steam railroad companies, 1; cleansing and polishing preparations, 1; clothing, men's, factory product, 2; cutlery and edge tools, 2; electrical apparatus and supplies, 1; fancy articles, not elsewhere specified, 2; fertilizers, 1; flavoring extracts, 1; food preparations, 1; fruits and vegetables, canning and preserving, 2; gas, illuminating and heating, 1; hardware, 1; ice, manufactured, 1; leather goods, 2; liquors, malt, 1; lumber, planing mill products, including sash, doors, and blinds, 2; marble and stone work, 2;

BY SPECIFIED INDUSTRIES: 1900—Continued.

AKRON—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
583	$347,545	320	$84,218			$375,444	$4,090	$13,141	$193,013	$165,200	$535,907	$527,107	$8,800	$1,821,296	27
42	32,447	4	1,520			84,241	1,480	409	1,852	80,500	25,732	24,142	1,590	227,300	28
74	30,931					1,903	864	320	719		99,883	99,596	287	160,578	29
2,098	858,171	574	146,169	5	$1,065	223,697	600	34,556	188,541		3,571,677	3,484,391	87,286	5,524,674	30
11	6,085					1,487	1,067	106	314		17,466	17,281	185	37,613	31
37	17,334					9,596	925	52	3,619	5,000	22,763	22,300	463	60,427	32
9	3,816					2,192	276	37	1,879		8,789	8,708	81	21,990	33
12	4,725					2,054	1,720	39	295		2,614	2,545	69	18,625	34
1,561	770,084	460	127,242	58	7,179	631,909	7,717	29,086	593,606	1,500	7,324,997	7,239,018	85,979	10,724,727	35

ice, manufactured, 1; ink, printing, 1; ironwork, architectural and ornamental, 1; lime and cement, 1; liquors, malt, 2; lock and gun smithing, 2; mineral and soda waters, 2; mirrors, 1; models and patterns, 2; monuments and tombstones, 2; oilcloth, enameled, 1; paper and wood pulp, 1; pens, fountain and stylographic, 1; perfumery and cosmetics, 1; photolithographing and photoengraving, 2; pickles, preserves, and sauces, 1; pumps, not including steam pumps, 1; salt, 1; sewing machine repairing, 1; ship and boat building, wooden, 2; shirts, 1; soap and candles, 1; sporting goods, 1; varnish, 2; wood, turned and carved, 2.

CANTON.

5,530	$2,735,277	903	$231,657	22	$3,311	$1,081,809	$45,345	$49,913	$765,643	$220,908	$5,604,399	$5,406,643	$197,756	$12,258,427	1
586	267,619					139,608		7,747	131,861		539,262	528,397	10,865	1,184,949	2
12	6,297					1,825	1,244	45	536		17,570	17,227	343	38,863	3
17	7,290					2,144	1,805	185	154		11,128	10,410	718	39,882	4
12	6,313					2,065	1,666	97	302		12,514	12,098	416	35,707	5
8	3,892	1	400			1,271	100	120	1,051		28,982	28,862	120	43,104	6
39	18,446	8	2,105			3,406	1,466	306	1,634		58,892	56,891	2,001	120,414	7
165	82,401			6	1,080	37,993		1,367	36,626		63,141	23,245	39,896	255,890	8
212	111,587					81,591	489	739	2,878	77,485	315,600	315,003	597	585,228	9
2	452					228	173	6	49		1,583	1,536	47	3,302	10
33	15,487					1,607	696	219	692		22,170	21,534	636	60,284	11
50	29,216	36	10,087			4,534	3,678	141	715		47,462	46,921	541	124,691	12
2	1,800	108	22,573			6,390	4,989	253	1,098	50	36,776	35,620	1,156	103,713	13
17	6,414	11	2,120			2,465	1,034	332	1,049		31,090	30,510	580	63,439	14
3	2,220	5	1,150			814	231	16	567		2,283	2,090	193	12,383	15
5	2,520	1	182			567	336	10	221		5,465	5,388	77	13,300	16
7	4,858					3,707		667	3,040		142,728	141,430	1,298	165,684	17
434	199,812	12	1,670			31,481	578	2,726	28,177		281,646	272,448	9,198	692,680	18
2	1,200	1	260			612	276	22	314		3,885	3,825	60	11,500	19
236	110,926					22,201	210	1,495	20,496		86,754	84,480	2,274	352,031	20
220	86,637	5	1,000			22,595	600	1,107	20,888		61,931	58,136	3,795	215,523	21
371	212,231					27,471	198	2,553	24,720		575,159	523,127	52,032	995,362	22
257	100,605	46	8,550	1	165	60,504	132	1,951	58,421		715,047	710,922	4,125	1,073,664	23
64	23,974					72,661	430	895	3,523	67,813	68,371	67,648	723	215,460	24
						246	192	4	50		1,333	1,260	73	3,313	25
6	2,850					1,665	841	64	360	400	14,740	14,435	305	25,170	26
136	99,794					73,466	240	410	3,016	69,800	85,881	85,533	348	301,992	27
		45	16,118			5,233	4,030	149	1,054		62,427	61,355	1,072	117,275	28
70	41,721			1	196	4,615	1,927	415	2,273		29,859	29,454	405	110,710	29
48	24,454					596	114	62	420		16,812	16,762	50	48,361	30
7	3,869	4	970			4,795	1,811	137	2,647	200	13,440	12,949	491	42,360	31
27	20,712					1,006	316	108	582		15,625	15,515	110	48,110	32
69	36,223					4,465	2,066	376	2,023		68,231	67,875	356	142,195	33
67	26,359	9	1,375			8,714	1,800	174	2,740	4,000	23,050	6,898	16,152	81,481	34
19	9,523	4	806			1,544	789	132	623		7,111	6,564	547	26,382	35
66	33,140	13	2,900	1	100	16,484	1,880	291	14,313		31,162	29,720	1,442	117,648	36
22	12,360	1	332			4,458	872	233	3,353		101,177	100,660	517	158,388	37
130	50,597	77	12,059			21,643	1,348	1,122	19,173		215,067	213,812	1,255	331,190	38
34	16,263	1	300			2,534	1,548	174	812		28,947	28,421	526	68,733	39
19	9,202	24	4,445			13,190	989	45	12,156		16,125	15,860	265	54,195	40
9	4,892					1,475	898	24	433	120	2,699	2,413	286	12,185	41
14	5,003					164	12	24	128		302	99	203	7,525	42
2,033	1,036,118	491	142,255	13	1,770	387,776	3,341	22,920	360,475	1,040	1,740,972	1,699,310	41,662	4,154,161	43

mattresses and spring beds, 1; mineral and soda waters, 2; mirrors, 1; models and patterns, 2; monuments and tombstones, 2; paints, 1; patent medicines and compounds, 1; photolithographing and photoengraving, 1; rubber and elastic goods, 1; safes and vaults, 1; saws, 1; sewing machine repairing, 1; shirts, 2; soap and candles, 1; stationery goods, not elsewhere specified, 1; steam fittings and heating apparatus, 2; surgical appliances, 1; tin and terne plate, 1; tools, not elsewhere specified, 1; toys and games, 2; umbrellas and canes, 1; washing machines and clothes wringers, 1; watch cases, 1; watches, 1; wirework, including wire rope and cable, 2; woolen goods, 1.

TABLE 8.—MANUFACTURES IN CITIES

CINCINNATI.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	5,127	$109,582,142	$10,024,369	$13,894,633	$23,414,761	$62,248,379	5,805	6,657	$6,776,141	63,240	$27,189,069
2	Artificial feathers and flowers	3	1,400			100	1,300	3	1	100	4	2,000
3	Awnings, tents, and sails	7	41,875	15,000	5,000	2,050	19,825	11	1	1,000	40	17,431
4	Bags, other than paper	3	42,850			8,900	33,950	3	5	3,764	28	7,540
5	Bags, paper	7	188,755			65,106	123,649	4	35	26,473	126	38,073
6	Baking and yeast powders	5	48,100			2,800	45,300	6	27	19,669	44	18,054
7	Baskets, and rattan and willow ware	8	8,660	3,000	2,800	390	2,470	8			16	4,362
8	Bicycle and tricycle repairing	22	22,250			10,726	11,524	20	2	462	22	11,675
9	Billiard tables and materials	3	16,450			150	16,300	4	3	4,850	15	7,800
10	Blacksmithing and wheelwrighting	166	220,108	58,050	50,235	44,775	67,048	208	3	1,740	324	179,231
11	Bookbinding and blank book making	18	70,148			32,400	37,748	17	11	6,348	179	73,936
12	Boot and shoe cut stock	3	13,051			1,051	12,000	3			9	4,500
13	Boot and shoe uppers	5	1,850			775	1,075	4			4	1,550
14	Boots and shoes, custom work and repairing.	292	88,769	10,400	12,590	19,860	45,919	300	8	5,970	164	66,737
15	Boots and shoes, factory product	39	3,688,918	102,100	180,701	659,982	2,746,135	59	392	498,560	6,919	2,187,356
16	Bottling	3	4,850			700	4,150	5	1	480	5	2,400
17	Boxes, cigar	5	188,246	25,000	43,200	23,536	96,510	11	13	8,996	240	70,219
18	Boxes, fancy and paper	12	202,308			58,908	143,400	14	24	32,268	543	134,198
19	Boxes, wooden packing	8	204,380	58,700	27,633	45,902	72,145	12	9	6,646	196	83,900
20	Brass castings and brass finishing	10	354,843	6,000	40,000	161,060	147,783	16	19	12,970	455	185,599
21	Brassware	4	103,215			21,850	81,365	4	8	10,000	61	20,450
22	Bread and other bakery products	258	1,505,481	87,825	125,295	882,090	410,271	275	172	113,372	1,101	460,737
23	Brick and tile	12	26,150	2,000	3,950	8,200	12,000	19			54	30,858
24	Brooms and brushes	17	227,970	6,500	19,500	73,990	127,980	22	28	37,538	128	49,516
25	Carpentering	304	595,777	81,580	50,150	72,625	391,422	347	51	43,844	1,160	730,057
26	Carpets, rag	12	4,985	50	100	2,450	2,385	13	4	2,239	17	4,603
27	Carriage and wagon materials	13	792,222	54,750	81,800	121,790	533,882	14	33	28,390	629	305,024
28	Carriages and wagons	63	3,488,763	301,650	310,974	158,640	2,717,499	71	280	234,227	2,147	1,116,426
29	Cars and general shop construction and repairs by steam railroad companies.	4	155,884	45,500	33,600	42,654	34,130		18	16,187	460	253,457
30	Chemicals	8	534,180	48,000	52,950	174,300	258,930	4	20	31,982	94	51,789
31	Cleansing and polishing preparations	4	20,450	150	250	1,710	18,340	2	5	12,000	13	2,750
32	Cloth, sponging and refinishing	3	3,757			2,290	1,467	5			31	15,699
33	Clothing, men's, custom work and repairing.	270	790,916	37,205	27,260	29,625	696,826	322	61	45,900	880	424,650
34	Clothing, men's, factory product	351	8,262,871	101,225	150,610	96,743	7,914,293	441	591	616,432	3,784	1,326,045
35	Clothing, men's, factory product, buttonholes.	5	17,575			14,750	2,825	6	1	416	144	40,118
36	Clothing, women's, dressmaking	229	145,015	17,370	21,600	20,330	85,715	253	9	5,717	634	166,369
37	Clothing, women's, factory product	38	850,135	19,630	52,350	56,691	721,464	53	106	108,283	1,363	398,618
38	Coffee and spice, roasting and grinding	10	473,895	15,000	55,250	44,844	358,801	10	68	71,412	109	42,197
39	Coffins, burial cases, and undertakers' goods.	4	1,248,901	101,225	257,375	230,349	659,952	2	52	64,201	492	225,010
40	Confectionery	53	733,261	71,250	83,056	107,547	471,408	64	92	80,722	518	178,869
41	Cooperage	35	802,397	67,400	80,395	189,899	464,703	39	23	41,512	703	281,504
42	Cutlery and edge tools	6	20,960	2,700	4,560	7,450	6,250	6	5	3,992	24	12,345
43	Druggists' preparations, not including prescriptions.	6	624,600	30,000	50,000	42,100	502,500	11	99	140,068	135	33,187
44	Dyeing and cleaning	21	82,215	39,170	21,300	9,290	12,455	27	11	5,856	114	45,167
45	Electrical apparatus and supplies	9	320,631			36,204	284,427	8	51	47,514	233	98,675
46	Electrical construction and repairs	21	43,790			6,810	36,980	26	7	4,560	88	43,718
47	Electroplating	6	73,778	20,000	23,000	21,400	9,378	7	4	2,176	54	28,785
48	Enameling and enameled goods	3	18,397		1,500	4,700	12,197	4			42	13,984
49	Engraving and diesinking	11	33,535	6,000	10,500	10,575	6,460	14			19	9,936
50	Engraving, steel, including plate printing.	5	17,886			4,800	13,086	5	5	5,684	28	9,806
51	Engraving, wood	8	27,310			6,550	20,760	11	5	3,444	50	27,758
52	Fancy articles, not elsewhere specified	4	24,775			9,500	15,275	6	3	1,900	26	10,148
53	Flavoring extracts	3	23,600		1,000	5,600	17,000	2	8	10,684	12	5,416
54	Flouring and grist mill products	10	287,864	35,504	43,871	114,951	93,538	10	16	20,529	61	30,085
55	Food preparations	4	46,101	250	100	20,888	24,863	2	6	4,800	61	15,497
56	Foundry and machine shop products	154	10,363,917	722,378	1,073,357	8,188,314	5,379,868	130	683	642,303	6,680	3,211,423
57	Foundry supplies	3	111,500	12,000	10,000	24,200	65,300		20	26,416	59	29,004
58	Fur goods	3	11,750			650	11,100	2	2	1,064	20	7,876
59	Furnishing goods, men's	6	66,650			5,050	61,600	11	18	7,593	178	43,964
60	Furniture, cabinetmaking, repairing, and upholstering.	54	76,414	6,300	5,400	15,531	49,183	62	3	1,280	114	54,465
61	Furniture, factory product	54	3,817,295	531,284	756,763	382,048	2,147,200	72	240	216,149	2,355	966,162
62	Gas machines and meters	4	267,364	21,133	10,511	45,845	189,875	3	17	22,008	97	83,872
63	Glass, cutting, staining, and ornamenting.	13	89,595			23,745	65,850	16	8	6,604	130	65,288
64	Grease and tallow	8	263,150	31,200	43,000	79,400	109,550	9	5	6,440	69	37,091
65	Hairwork	11	23,046	4,200	4,500	420	13,926	13	11	4,257	35	9,077
66	Hand knit goods	3	3,075			875	2,200	3			6	1,566

BY SPECIFIED INDUSTRIES: 1900—Continued.

CINCINNATI.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
46,882	$23,275,688	15,314	$3,761,098	1,044	$152,283	$22,873,620	$1,649,757	$562,399	$17,792,211	$2,869,253	$77,539,292	$76,516,468	$1,022,824	$157,806,834	1
4	2,000					959	760	9	190		1,082	1,050	32	6,600	2
24	12,856	16	4,575			6,221	2,560	396	2,465	800	36,192	35,921	271	71,907	3
13	4,640	15	2,900			2,815	1,675	90	1,050		64,330	64,005	325	88,800	4
67	24,924	59	13,149			10,763	4,034	490	6,239		324,156	320,006	4,150	463,472	5
22	11,908	22	6,146			20,979	3,860	629	16,990		108,414	106,910	1,504	198,000	6
13	4,062			3	300	1,843	1,103	113	627		3,835	3,835		18,250	7
21	11,472			1	203	4,323	3,630	138	520	35	11,205	10,637	568	42,520	8
15	7,800					3,146	1,611	5	1,530		23,435	23,430	5	48,246	9
323	179,106			1	125	30,667	22,744	2,608	5,140	175	118,936	111,032	7,904	518,716	10
101	53,217	72	19,699	6	1,020	17,027	7,553	505	1,913	7,056	40,142	38,201	1,941	183,822	11
6	3,700	3	800			790	570	80	140		72,436	72,304	132	97,080	12
3	1,400			1	150	1,041	848	1	190	500	7,750	7,750		15,500	13
158	65,397	3	872	3	468	28,152	23,074	894	3,684	500	80,662	79,870	792	325,748	14
3,922	1,498,941	2,654	641,417	343	46,998	371,004	56,122	12,287	302,550	45	5,297,822	5,276,172	21,650	8,788,424	15
5	2,400					1,623	876	37	710		11,396	11,396		20,100	16
116	41,992	123	28,093	1	134	16,618	1,585	974	14,059		216,280	214,483	1,797	353,900	17
116	43,156	423	90,642	4	400	33,805	12,340	709	20,756		153,428	149,708	3,720	425,734	18
196	83,900					14,595	3,510	1,900	9,185		317,530	314,036	3,494	475,620	19
436	181,249	19	4,350			23,630	8,318	1,641	13,671		275,307	269,513	5,794	574,782	20
61	20,450					12,680	2,424	111	10,145		37,180	36,530	650	105,400	21
808	401,323	226	47,502	67	11,912	238,375	76,076	7,835	154,464		1,671,279	1,632,746	38,533	3,048,295	22
54	30,858					7,358	3,870	209	3,279		12,016	2,441	9,575	65,650	23
121	48,184	3	760	4	572	85,095	3,806	1,940	19,349	60,000	244,764	242,056	2,708	491,308	24
1,157	729,537			3	520	790,737	24,328	3,682	42,057	720,670	1,294,503	1,290,212	4,291	3,418,563	25
8	2,857	7	1,466	2	280	2,525	1,394	19	1,112		4,295	3,965	330	23,055	26
610	301,844	9	1,920	10	1,260	54,955	9,229	2,817	42,509	400	615,279	610,995	4,284	1,136,940	27
2,055	1,088,989	90	27,137	2	300	237,417	56,375	15,676	163,566	1,800	3,652,808	3,628,003	24,805	6,096,108	28
456	252,211	4	1,246			36,886	500	994	34,747	645	147,715	142,873	4,842	454,245	29
94	51,789					59,876	4,867	3,740	51,269		692,351	672,957	19,394	957,446	30
6	1,550	7	1,200			9,090	800	25	8,265		18,777	18,679	98	56,400	31
31	15,699					1,927	1,362	25	540		339	129	210	22,000	32
570	348,950	292	73,069	18	2,631	319,890	85,529	3,141	31,870	199,350	838,525	834,302	4,223	2,169,113	33
1,303	764,072	2,347	548,276	134	13,697	1,588,198	112,567	17,376	326,867	1,131,388	6,640,080	6,619,629	20,451	11,950,648	34
19	8,388	125	31,730			4,356	3,264	31	1,061		12,796	11,930	866	74,518	35
46	19,974	583	145,815	5	580	38,036	29,579	860	7,222	375	177,558	176,429	1,129	583,315	36
308	132,829	1,048	264,736	7	1,053	123,541	25,885	2,270	40,864	54,522	1,173,226	1,167,242	5,984	2,074,805	37
67	31,677	42	10,520			30,899	6,180	3,113	21,606		1,159,871	1,152,155	7,716	1,416,395	38
416	205,815	76	19,195			95,179	3,829	6,364	84,986		461,727	457,732	3,995	942,007	39
289	127,787	221	50,017	8	1,065	68,604	18,217	3,507	46,780	100	1,002,635	994,290	8,345	1,525,359	40
703	281,504					36,947	4,120	4,539	28,288		627,518	624,626	2,892	1,110,860	41
24	12,345					2,149	1,300	156	693		6,106	4,941	1,165	36,551	42
79	20,284	54	12,539	2	364	48,675	2,800	1,900	43,975		242,943	240,297	2,646	792,150	43
71	32,171	43	12,996			11,832	6,636	968	3,218	1,010	24,041	22,179	1,862	118,279	44
231	98,075	2	600			32,160	9,333	2,161	20,466	200	530,299	526,132	4,167	813,130	45
85	43,184			3	534	11,298	6,161	118	4,939	80	122,640	121,826	814	356,959	46
52	27,935	2	800			5,422	1,150	994	3,278		16,096	14,456	1,640	66,835	47
26	10,244	16	3,740			2,582	650	101	1,831		23,715	21,181	2,534	48,744	48
18	9,832			1	104	2,608	1,714	265	529	100	6,078	5,515	563	83,418	49
18	7,384	10	2,422			2,470	1,811	114	545		5,975	5,790	185	84,750	50
48	27,550			2	208	4,870	2,103	92	2,600	75	9,265	9,085	180	78,800	51
20	8,865	5	1,283			2,613	1,980	40	593		20,866	20,370	496	56,067	52
9	4,636	3	780			9,174	1,012	312	7,350	500	42,890	42,335	555	69,100	53
53	27,900	8	2,185			19,461	3,946	1,735	13,780		676,760	670,160	6,600	789,114	54
16	6,253	41	8,844	4	400	6,973	2,748	98	4,127		42,492	40,752	1,740	90,783	55
6,603	3,193,527	60	15,047	17	2,849	964,178	124,782	53,484	699,242	86,670	4,963,461	4,836,610	126,851	11,705,778	56
59	29,004					10,403	3,120	1,123	6,160		108,450	104,100	4,350	210,000	57
5	3,760	14	4,020	1	96	1,575	1,180	100	295		18,435	18,350	85	36,785	58
43	16,520	135	27,444			5,163	3,150	227	1,786		97,209	96,398	811	248,680	59
107	53,231	2	450	5	784	16,539	11,243	286	3,660	1,350	75,745	74,977	768	213,764	60
2,318	976,927	36	9,049	1	186	194,789	44,685	22,485	127,594	25	1,563,651	1,545,055	18,596	3,594,196	61
97	83,872					9,555	4,100	990	4,465		159,394	158,290	1,104	320,425	62
121	63,308	9	1,980			8,572	6,194	248	2,130		50,896	49,231	1,665	167,523	63
69	37,091					10,517	384	3,220	6,913		686,525	677,293	9,232	788,837	64
1	260	34	8,817			5,418	3,376	400	1,642		16,847	16,749	98	48,061	65
1	600	5	966			671	588		73	10	2,645	2,624	21	7,740	66

TABLE 8.—MANUFACTURES IN CITIES

CINCINNATI—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
67	Hand stamps	3	$5,750			$2,200	$3,550	3			17	$8,042
68	Hardware	10	610,805	$25,500	$40,845	236,524	307,936	9	32	$37,706	428	172,836
69	Hats and caps, not including fur hats and wool hats.	12	135,870			16,435	119,435	20	21	17,460	285	86,182
70	Hosiery and knit goods	6	409,557	27,000	51,450	142,260	188,847	7	1	8,600	231	67,403
71	House furnishing goods, not elsewhere specified.	6	78,460		18,000	14,500	45,960	7	6	5,200	35	10,250
72	Ice, manufactured	5	147,524	23,120	30,264	87,094	7,046	1	8	7,975	37	19,003
73	Instruments, professional and scientific	4	10,000			4,800	5,200	3	8	1,980	10	6,090
74	Ironwork, architectural and ornamental.	10	267,473	69,500	19,700	66,111	112,162	10	51	48,100	287	137,990
75	Japanning	4	1,825			800	1,025	6			5	1,224
76	Jewelry	16	628,938			45,560	583,378	24	35	24,980	199	108,262
77	Kindling wood	3	2,825	500	550	825	950	2			7	2,175
78	Lamps and reflectors	3	24,900			5,900	19,000	2	2	1,150	38	12,885
79	Leather goods	4	13,110			2,500	10,610	4	13	6,728	33	7,707
80	Leather, tanned, curried, and finished	15	4,865,480	127,930	543,350	203,150	3,991,050	18	25	86,650	943	412,414
81	Liquors, distilled	3	1,522,800	103,000	168,000	110,000	1,141,800	2	34	54,696	163	97,745
82	Liquors, malt	21	11,370,912	1,821,052	3,262,482	2,139,654	4,147,724	6	193	351,248	1,282	910,986
83	Liquors, vinous	5	26,175	2,200	3,050	3,425	17,500	6	3	2,500	8	3,930
84	Lithographing and engraving	11	2,048,728	51,863	173,500	798,903	1,024,462	5	113	145,016	954	556,267
85	Lock and gun smithing	36	25,450	4,500	2,250	7,555	11,145	33			27	10,618
86	Looking-glass and picture frames	14	519,245	79,000	132,000	61,370	246,875	15	49	48,636	396	170,689
87	Lumber and timber products	6	8,173,790	1,721,784	76,494	188,200	1,187,312	9	46	62,852	604	223,791
88	Lumber, planing mill products, including sash, doors, and blinds.	17	548,239	50,250	117,600	148,050	232,339	20	31	24,832	503	274,798
89	Malt	7	508,290	24,450	93,140	18,500	372,200	10	12	15,800	68	47,289
90	Marble and stone work	19	344,845	71,900	32,300	90,195	150,450	25	18	17,400	304	150,110
91	Masonry, brick and stone	117	446,207	28,330	14,725	116,544	286,608	155	26	22,580	1,120	566,124
92	Mattresses and spring beds	9	108,193	2,500	2,500	23,361	79,832	13	12	6,474	111	38,009
93	Millinery and lace goods	11	120,964	4,000	46,000	14,267	56,697	12	8	4,434	243	65,933
94	Millinery, custom work	99	162,874	4,200	24,800	11,815	122,059	122	59	16,903	258	77,076
95	Mineral and soda waters	14	228,640	17,900	25,200	96,000	89,540	15	25	20,292	98	47,380
96	Models and patterns	20	70,600			44,550	26,050	25	3	2,680	108	64,906
97	Monuments and tombstones	19	103,270	17,390	25,320	12,210	48,350	24	8	5,480	59	33,850
98	Musical instruments and materials, not specified.	7	107,780	50,000	50,000	1,660	6,120	6			9	4,350
99	Musical instruments, pianos and materials.	4	790,601	64,750	155,587	65,142	505,122	2	23	30,931	513	226,011
100	Optical goods	8	14,200			2,200	12,000	9			15	6,788
101	Painting, house, sign, etc	261	219,282	19,130	12,570	41,387	146,195	310	21	15,428	838	478,961
102	Paints	13	1,972,263	307,794	195,206	168,317	1,300,946	15	84	107,920	230	117,312
103	Paper goods, not elsewhere specified	4	82,700		3,000	36,300	43,400	4	9	5,950	46	18,600
104	Paper hanging	78	142,948			7,568	135,380	86	33	17,158	241	132,539
105	Patent medicines and compounds	41	281,223	7,800	19,650	36,386	217,387	37	58	43,512	189	57,406
106	Paving and paving materials	38	248,757	14,850	25,999	52,699	155,209	38	41	22,090	421	199,046
107	Perfumery and cosmetics	3	33,502			4,076	29,426	4	3	2,600	29	8,195
108	Photography	32	97,450	10,500	14,100	30,275	42,575	39	14	6,736	108	52,577
109	Photolithographing and photoengraving.	6	35,250	6,800	5,000	15,775	7,675	6	4	3,562	43	21,126
110	Pickles, preserves, and sauces	8	347,650	5,000	83,000	33,950	225,700	8	33	53,000	264	106,692
111	Plastering and stuccowork	52	108,924	13,700	11,350	48,532	35,342	64	4	3,920	149	97,281
112	Plumbers' supplies	7	357,630		9,000	49,350	299,280	5	49	70,924	317	119,135
113	Plumbing, and gas and steam fitting	140	364,864	17,950	27,000	36,215	283,699	174	48	36,592	543	296,628
114	Pottery, terra cotta, and fire-clay products.	7	413,379	86,410	167,407	48,824	110,738	7	27	23,495	287	124,070
115	Printing and publishing, book and job	115	1,630,554	55,940	56,857	1,017,050	500,707	134	127	127,762	1,617	784,122
116	Printing and publishing, music	3	190,388			13,000	177,388	2	29	24,559	41	18,220
117	Printing and publishing, newspapers and periodicals.	81	3,254,701	218,150	316,800	1,454,428	1,265,323	74	443	418,567	1,044	683,148
118	Regalia and society banners and emblems.	7	258,950			28,900	230,050	8	64	46,056	342	88,053
119	Roofing and roofing materials	31	340,251	9,050	24,176	73,041	233,984	35	31	26,800	149	74,534
120	Saddlery and harness	58	781,598	59,600	105,650	70,980	545,368	69	88	80,514	478	214,707
121	Safes and vaults	5	614,594	16,000	49,000	176,200	373,394	2	60	61,280	428	206,183
122	Saws	4	71,850			10,750	61,100	4	5	3,630	29	15,057
123	Sewing machine repairing	6	7,215			1,655	5,560	5	6	3,652	9	4,991
124	Ship and boat building, wooden	4	59,800	10,100	7,000	11,900	30,800	1	4	3,760	103	32,899
125	Shirts	29	213,877	500	1,500	20,725	191,152	42	45	24,636	458	111,942
126	Slaughtering and meat packing, wholesale.	21	2,790,814	137,700	439,675	326,088	1,887,351	27	98	103,830	801	882,691
127	Slaughtering, wholesale, not including meat packing.	6	102,250	15,000	23,000	20,750	43,500	9			55	31,930
128	Soap and candles	20	1,180,827	80,630	168,742	270,415	661,040	21	88	86,961	452	157,458
129	Sporting goods	5	94,302	3,000	10,000	27,070	54,232	5	8	8,176	91	14,845
130	Stamped ware	4	236,000	65,000	25,000	30,000	116,000	2	20	21,016	85	32,193
131	Steam fittings and heating apparatus	7	669,368	43,096	62,000	95,473	468,799	7	43	43,680	293	171,709

BY SPECIFIED INDUSTRIES: 1900—Continued.

CINCINNATI—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
11	$6,560	4	$1,196	2	$286	$1,973	$1,612	$11	$350		$3,635	$3,395	$240	$18,385	67
403	167,894	10	2,812	15	2,130	47,640	10,458	2,694	34,488		269,785	256,433	13,352	631,862	68
135	51,552	136	32,090	14	2,540	29,073	7,048	415	21,610		241,195	239,890	1,305	447,085	69
36	19,623	170	43,678	25	4,102	16,773	1,452	969	13,702	$650	124,226	122,034	2,192	267,244	70
23	8,142	12	2,108			2,923	708	645	1,570		66,985	66,265	720	102,500	71
37	19,003					11,134	100	3,129	7,905		26,133	7,410	18,723	81,283	72
10	6,090					3,221	1,140	114	1,967		4,757	4,430	327	24,510	73
284	137,090	3	900			32,753	7,477	2,699	22,577		375,721	370,526	5,195	679,070	74
8	940			2	284	827	720	13	94		1,549	1,420	129	6,850	75
163	98,195	32	9,649	4	418	48,054	9,696	950	22,408	15,000	494,577	492,052	2,525	820,783	76
4	1,621			3	554	620	320	25	275		1,013	833	130	5,470	77
34	12,117	4	768			7,293	920	48	3,325	3,000	15,680	15,140	540	47,120	78
28	6,975	3	550	2	182	4,785	1,320	115	3,350		46,056	45,852	204	78,500	79
943	412,414					70,980	1,940	9,640	59,400		2,490,134	2,472,275	17,859	3,446,525	80
155	94,417	8	3,328			7,344,318		6,519	7,337,799		1,034,113	979,302	54,811	9,419,687	81
1,269	908,517	2	252	11	2,217	3,023,781	8,190	74,530	2,941,061		1,402,644	1,281,899	120,745	6,387,383	82
8	3,930					5,040	1,140	350	3,550		14,955	14,925	30	34,075	83
861	535,564	92	20,573	1	130	130,325	21,233	5,834	99,112	4,146	617,299	609,432	7,867	1,665,116	84
25	10,316	1	200	1	102	5,090	4,385	111	594		8,588	7,775	813	49,308	85
375	167,448	4	1,375	17	1,866	44,164	3,884	3,992	36,288		244,740	240,055	4,685	572,026	86
604	223,791					82,328	6,360	8,793	67,175		1,075,988	1,075,988		2,044,650	87
503	274,798					84,022	9,238	4,266	15,518	5,000	430,978	425,398	5,580	887,253	88
68	47,289					31,937	8,075	5,238	18,624		476,039	455,320	20,719	604,384	89
299	148,610	5	1,500			27,766	10,826	2,754	14,186		234,973	230,153	4,820	489,990	90
1,120	566,124					298,314	7,158	784	18,726	271,646	613,167	601,114	12,053	1,804,438	91
68	26,893	43	11,116			17,526	6,956	483	10,087		140,696	139,191	1,505	238,476	92
84	16,615	209	49,318			12,089	5,855	278	4,344	1,612	110,726	109,876	850	229,100	93
6	2,656	250	74,200	2	220	58,612	39,479	1,070	11,163	6,900	274,217	273,725	492	567,435	94
98	47,380					25,098	4,690	1,133	19,275		88,715	86,930	1,785	234,553	95
108	64,906					7,388	4,370	120	1,398	1,500	27,443	25,211	2,232	149,412	96
59	33,850					6,766	3,127	1,197	2,242	200	78,898	78,528	370	167,833	97
9	4,350					1,726	1,098	28	600		8,345	8,295	50	20,999	98
493	216,011	20	10,000			76,747	5,467	3,199	68,081		489,288	484,116	5,172	931,274	99
14	6,658			1	130	3,328	2,255	45	1,028		15,359	15,124	235	39,760	100
833	477,563	2	800	3	598	40,857	22,181	1,078	13,752	3,846	299,557	299,045	512	1,149,192	101
224	116,127	6	1,185			140,371	12,950	16,866	110,555		1,291,560	1,276,024	15,536	1,844,207	102
27	13,900	19	4,700			6,786	2,012	275	4,499		101,700	100,300	1,400	175,500	103
239	132,039	1	300	1	200	31,004	23,620	707	6,677		183,480	183,142	338	451,375	104
83	34,610	105	22,721	1	75	183,120	8,686	1,438	168,896	4,100	149,551	147,371	2,180	584,666	105
421	199,046					29,342	6,143	1,455	15,578	6,166	289,759	289,154	605	655,142	106
4	1,767	25	6,428			23,024	900	91	22,033		40,536	40,528	8	90,474	107
74	40,888	31	11,273	3	416	21,619	17,960	585	3,074		52,400	51,855	545	188,750	108
40	20,576	3	550			2,605	1,190	150	965	800	8,264	8,136	128	46,300	109
106	65,890	158	40,802			123,451	6,285	2,089	115,077		599,880	596,875	3,005	1,077,450	110
148	97,132			1	149	8,517	3,612	480	3,988	437	77,166	76,742	424	275,261	111
317	119,135					18,078	6,862	1,564	8,552	1,100	389,235	383,685	5,550	676,345	112
536	295,480			7	1,148	42,662	26,168	1,595	13,314	1,585	477,095	471,692	5,403	1,147,101	113
211	104,933	76	19,137			19,056	5,280	2,344	11,432		62,294	44,920	17,374	291,062	114
1,249	685,980	335	93,516	33	4,626	177,234	60,272	7,258	77,614	32,090	866,618	839,757	26,861	2,513,458	115
25	15,258	5	1,560	10	1,402	133,830	2,220	3,172	76,793	51,645	22,080	21,750	330	250,158	116
941	651,043	88	29,773	15	2,332	587,585	46,792	17,481	389,635	133,677	835,975	820,033	15,942	3,546,013	117
54	23,612	286	64,233	2	208	74,765	8,330	940	65,495		283,552	281,480	2,072	620,170	118
148	74,430			1	104	34,441	9,492	1,842	22,457	650	428,925	426,516	2,409	684,135	119
456	208,966	12	4,312	10	1,429	62,239	11,561	4,713	45,965		682,444	678,763	3,681	1,194,474	120
428	206,183					70,300	7,100	1,950	61,250		340,199	334,322	5,877	773,051	121
29	15,057					2,959	1,614	65	1,280		23,257	21,987	1,270	58,354	122
8	4,841	1	150			2,163	968	13	1,182		10,055	10,005	50	29,250	123
103	32,899					15,047	960	445	2,142	11,500	24,254	23,873	381	98,114	124
50	26,728	407	85,110	1	104	41,686	9,696	490	14,133	17,367	268,071	265,830	2,241	561,951	125
772	375,863	10	2,600	19	4,228	419,379	23,322	13,505	382,552		8,083,282	8,042,233	41,049	9,532,057	126
55	31,930					18,510	780	815	16,915		723,370	719,620	3,750	838,120	127
287	121,998	159	34,526	6	934	71,558	9,125	6,753	47,680	8,000	1,279,812	1,265,984	13,828	1,877,062	128
31	9,845	60	5,000			10,575	1,265	609	8,701		196,823	195,915	908	245,736	129
85	32,193					6,997	3,940	1,357	1,700		138,860	136,220	2,640	244,200	130
288	169,709			5	2,000	43,412	6,030	3,032	25,027	9,323	295,915	291,667	4,248	658,378	131

TABLE 8.—MANUFACTURES IN CITIES

CINCINNATI—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
132	Stencils and brands	4	$113,600	$33,000	$50,000	$22,100	$8,500	6	4	$2,516	31	$19,008
133	Stereotyping and electrotyping	4	50,300			22,400	27,900	3	20	16,218	45	34,001
134	Surgical appliances	6	16,895	1,000	1,000	2,675	12,220	8			24	9,474
135	Tinsmithing, coppersmithing, and sheet-iron working.	127	659,911	34,360	52,615	147,395	425,541	138	54	40,613	748	328,453
136	Tobacco, chewing, smoking, and snuff	11	615,188	5,000	20,870	48,387	540,931	12	37	44,940	292	121,716
137	Tobacco, cigars and cigarettes	295	2,051,572	27,775	54,050	141,378	1,828,369	335	168	167,792	3,603	1,258,184
138	Tools, not elsewhere specified	10	66,997			24,501	42,496	11	11	11,324	57	30,834
139	Toys and games	6	10,700			2,950	7,750	6	1	400	31	10,725
140	Trunks and valises	9	169,181			10,214	158,967	15	13	12,600	158	65,714
141	Umbrellas and canes	7	44,700			2,200	42,500	7	13	7,048	45	15,332
142	Varnish	5	852,500	41,900	23,100	30,500	257,000	9	25	30,950	37	26,260
143	Washing machines and clothes wringers.	6	19,825			3,825	16,000	7	4	1,820	42	21,248
144	Watch, clock, and jewelry repairing	107	60,969	100	100	26,470	34,299	126			113	60,466
145	Wirework, including wire rope and cable.	7	21,540	2,500	1,800	6,755	10,485	10	6	2,640	27	10,966
146	Wood, turned and carved	19	421,115	73,450	52,500	103,545	191,620	19	12	18,623	167	70,418
147	All other industries[1]	108	15,328,859	1,410,286	2,838,823	6,219,693	4,860,057	85	434	511,617	3,697	1,507,355

[1] Embraces artificial limbs, 2; axle grease, 1; babbitt metal and solder, 1; bells, 1; belting and hose, leather, 2; bicycles and tricycles, 1; blacking, 1; bone, ivory, and lamp black, 1; buttons, 2; calcium lights, 1; carriages and sleds, children's, 1; cheese and butter, urban dairy products, 2; coke, 1; cordage and twine, 1; cordials and sirups, 2; cork, cutting, 1; corsets, 1; cotton goods, 2; cotton waste, 1; dentists' materials, 1; engravers' materials, 1; files, 2; fire extinguishers, chemical, 1; fireworks, 1; flags and banners, 2; fruits and vegetables, canning and preserving, 1; fur hats, 1; galvanizing, 1; gas and lamp fixtures, 2; gas and oil stoves, 1; gas, illuminating and heating, 1; gloves and mittens, 1; glue, 1; gold and silver, leaf and foil, 2; gold and silver, reducing and refining, not from the ore, 2; hardware, saddlery, 2; ink, printing, 2; ink, writing, 2; iron and steel, 1; lard, refined, 1; lasts, 1; lead, bar, pipe, and sheet, 1; lime and cement, 1; mirrors, 2; mucilage and

CLEVELAND.

1	All industries	2,927	$98,303,682	$7,649,793	$12,094,490	$28,116,093	$50,443,306	3,078	5,410	$5,732,145	58,810	$27,892,689
2	Awnings, tents, and sails	6	245,065	54,000	32,872	13,328	144,865	4	35	32,400	100	43,190
3	Baking and yeast powders	4	65,681			6,100	59,581	4	11	9,340	34	13,904
4	Bicycle and tricycle repairing	68	30,382	300	870	12,225	16,987	74	1	1,040	62	32,126
5	Bicycles and tricycles	12	817,204	21,400	80,852	439,554	275,398	11	52	48,595	618	210,208
6	Blacksmithing and wheelwrighting	152	118,564	34,215	81,010	19,000	34,339	174			213	132,116
7	Bookbinding and blank book making	11	72,350			29,500	42,850	16	4	3,776	82	27,988
8	Boots and shoes, custom work and repairing.	236	66,129	19,275	18,162	12,501	16,191	242	3	950	91	42,409
9	Boots and shoes, factory product	5	229,597		1,200	39,815	188,582	9	21	23,690	438	112,076
10	Bottling	10	135,475	10,000	5,000	5,775	114,700	15	14	8,988	24	13,490
11	Boxes, cigar	4	30,300	6,500	4,300	2,321	17,179	6	1	2,300	42	11,096
12	Boxes, fancy and paper	5	127,824			73,995	53,829	4	11	12,050	314	87,673
13	Boxes, wooden packing	9	403,902	10,755	39,692	62,686	290,769	7	18	14,765	343	144,198
14	Brass castings and brass finishing	9	117,097	24,000	15,500	44,827	32,770	14	12	12,641	156	69,792
15	Brassware	3	478,518	10,000	44,000	80,000	344,518	2	26	34,360	273	164,871
16	Bread and other bakery products	104	724,266	122,600	149,615	283,015	169,036	103	118	84,825	552	285,439
17	Brick and tile	10	339,400	153,000	84,300	68,400	33,700	13	6	5,030	216	119,654
18	Bridges	3	1,131,158	64,746	113,566	399,657	553,189		27	43,519	524	287,525
19	Brooms and brushes	12	77,417	5,650	2,700	19,378	49,689	11	10	9,540	132	44,765
20	Carpentering	76	243,090	23,110	25,475	30,455	164,050	93	10	6,320	628	365,323
21	Carpets, rag	13	10,420	1,075	1,275	3,400	4,670	14	2	1,170	26	11,256
22	Carriages and wagons	43	481,147	66,050	67,920	46,200	300,977	60	32	23,095	465	253,971
23	Cars and general shop construction and repairs by steam railroad companies.	7	564,011	87,221	67,825	187,125	221,840		74	54,571	1,155	609,100
24	Chemicals	6	2,156,143	257,930	211,923	547,340	1,138,950	1	114	138,984	356	203,539
25	Cleansing and polishing preparations	3	2,365			360	2,005	4	1	156	3	1,580
26	Clothing, men's, custom work and repairing.	277	558,459	54,935	46,515	33,385	423,624	304	42	30,690	678	301,158
27	Clothing, men's, factory product	118	1,815,369	13,785	23,720	52,137	1,725,727	156	111	119,265	1,467	480,763
28	Clothing, men's, factory product, buttonholes.	3	3,050	100	600	1,350	1,000	4			30	11,450
29	Clothing, women's, dressmaking	42	29,814	4,600	3,800	4,599	16,815	47	4	1,660	182	52,705
30	Clothing, women's, factory product	77	1,598,155	9,625	13,520	73,504	1,501,506	91	218	221,409	2,362	842,425
31	Confectionery	24	432,405	20,700	26,350	93,835	291,520	24	43	37,921	506	144,913
32	Cooperage	6	248,725	11,025	26,750	19,775	191,175	6	8	17,400	179	73,832
33	Corsets	3	1,400			400	1,000	3	1	260	14	3,502
34	Dyeing and cleaning	28	51,975	14,650	12,200	13,205	11,920	37	9	3,926	89	37,799
35	Electrical apparatus and supplies	26	3,884,076	147,930	891,487	1,288,508	1,556,151	8	180	188,707	1,961	820,384
36	Electrical construction and repairs	9	29,483	100	500	8,433	20,450	10	5	2,832	75	31,529
37	Electroplating	5	22,800			14,500	8,300	4	3	1,872	64	19,650
38	Engraving and diesinking	3	1,400			450	950	4			2	1,750
39	Engraving, steel, including plate printing.	5	20,500			9,000	11,500	4	6	2,440	52	21,745
40	Flavoring extracts	5	126,192	10,000	21,000	9,000	86,192	2	18	18,160	49	13,822
41	Flouring and grist mill products	4	396,500	16,000	48,250	133,750	198,500	3	15	15,920	60	35,730
42	Food preparations	11	79,512	7,212	21,500	12,707	38,093	12	15	10,724	88	26,955
43	Foundry and machine shop products	127	11,688,326	804,246	1,624,857	2,662,557	6,596,666	100	719	793,528	8,658	4,487,398
44	Fur goods	10	66,145			2,145	64,000	12	2	1,158	56	27,409
45	Furnishing goods, men's	3	20,150			3,350	16,800	6	105	10,956	22	6,500
46	Furniture, cabinetmaking, repairing, and upholstering.	40	130,961	2,900	11,295	11,348	105,418	42	23	23,938	173	94,711

BY SPECIFIED INDUSTRIES: 1900—Continued.

CINCINNATI—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
26	$18,418			5	$590	$3,494	$960	$876	$1,658		$4,705	$4,420	$285	$13,168	132
45	34,001					7,037	2,460	363	4,214		15,340	12,856	2,484	96,369	133
9	5,880	14	$3,386	1	208	2,201	1,356	60	785		5,615	5,365	250	27,020	134
678	315,011	28	6,211	42	7,231	74,876	28,545	4,388	41,748	$195	792,768	785,777	6,991	1,521,564	135
151	72,490	141	49,226			1,047,285	8,078	2,183	1,037,024		688,052	683,584	4,468	1,987,464	136
1,301	612,284	2,217	631,184	85	14,716	1,146,784	65,290	5,989	1,075,505		1,576,715	1,571,367	5,348	4,781,003	137
56	30,584	1	250			11,243	2,915	208	7,943	177	54,843	53,386	1,457	134,962	138
18	7,940	13	2,785			2,832	1,072		1,060	700	7,912	7,702	210	31,500	139
154	65,274	1	140	3	300	10,718	7,770	502	2,446		151,539	150,914	625	274,084	140
15	6,612	30	8,720			4,753	3,208	355	1,190		41,505	41,033	472	77,900	141
37	26,260					41,775	4,700	1,425	35,650		230,326	225,867	4,459	410,715	142
42	21,248					3,678	2,675	238	765		65,091	63,545	1,546	111,650	143
98	56,643	11	3,404	4	419	15,129	12,933	134	1,702	360	34,708	33,494	1,214	192,830	144
26	10,786			1	180	3,915	1,225	240	1,450	1,000	35,540	34,795	745	66,550	145
167	70,418					21,776	5,722	2,089	6,965	7,000	260,835	257,849	2,986	461,571	146
2,580	1,292,714	1,091	210,309	26	4,332	676,299	78,715	112,602	484,982		6,336,208	6,243,852	92,356	10,850,519	147

paste, 2; oil, cottonseed and cake, 1; oil, not elsewhere specified, 1; paper hangings, 2; pens, fountain and stylographic, 1; pens, gold, 1; pens, steel, 1; photographic apparatus, 1; photographic materials, 1; pipes, tobacco, 1; plated and britannia ware, 2; printing materials, 2; pumps, not including steam pumps, 1; rubber and elastic goods, 1; sausage, 2; scales and balances, 2; sewing machine attachments, 1; shoddy, 1; show cases, 2; silversmithing, 1; smelting and refining, not from the ore, 2; springs, steel, car and carriage, 1; starch, 1; stationery goods, not elsewhere specified, 1; steam packing, 2; sugar and molasses, refining, 1; taxidermy, 2; tin and terne plate, 2; type founding, 1; typewriter repairing, 1; upholstering materials, 2; vinegar and cider, 2; watch cases, 1; window shades, 2; wool pulling, 1.

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49,240	$25,582,476	9,074	$2,216,588	496	$93,625	$11,565,697	$1,040,108	$515,999	$7,844,372	$2,165,218	$71,597,595	$68,738,696	$2,858,899	$139,849,806	1
55	29,490	45	13,700			16,645	2,439	1,315	12,641	250	118,611	117,477	1,134	251,862	2
18	10,572	11	2,756	5	576	8,671	3,350	77	5,244		79,866	78,181	1,685	154,125	3
56	31,513			6	613	12,530	9,411	94	2,775	250	54,997	54,288	709	151,400	4
597	196,315	21	13,893			44,082	6,194	3,569	34,319		419,917	410,971	8,946	862,024	5
207	131,292			6	824	25,403	20,775	1,099	3,114	415	106,564	100,282	6,282	443,952	6
39	18,880	40	8,588	3	520	7,071	4,380	189	2,402	100	26,586	25,776	810	92,895	7
89	41,801	1	468	1	140	22,286	19,257	760	1,811	458	73,203	71,895	1,308	264,703	8
234	69,494	204	42,582			20,919	5,125	282	15,512		336,272	334,255	2,017	552,335	9
20	11,360	4	2,130			9,617	3,010	1,848	4,759		185,507	184,127	1,380	249,480	10
17	4,820	25	6,276			1,702	860	163	679		25,060	24,142	918	47,600	11
70	33,895	244	53,778			14,877	8,120	420	6,337		99,472	97,742	1,730	270,340	12
333	142,698			10	1,500	52,602	9,900	1,460	41,242		503,845	501,336	2,509	817,592	13
156	69,792					5,300	1,060	1,382	2,664	194	143,863	139,377	4,486	276,647	14
258	159,966	15	4,905			51,207	1,100	2,120	47,987		217,965	214,099	3,866	654,800	15
436	256,925	108	26,704	8	1,810	50,504	14,138	6,494	29,872		892,371	869,177	23,194	1,525,397	16
214	119,414			2	240	17,010	3,300	1,983	10,927	800	61,324	11,662	49,662	280,854	17
524	287,525					177,049	150	8,782	23,117	150,000	1,041,898	1,025,846	16,052	2,416,595	18
81	33,635	51	11,130			8,996	3,350	308	5,338		128,874	128,046	828	223,985	19
626	364,923	2	400			106,166	11,939	1,526	17,436	75,265	615,943	612,711	3,232	1,310,245	20
18	8,656	8	2,600			1,896	896	62	938		4,175	3,791	384	30,942	21
465	253,971					47,862	20,262	2,936	20,494	4,170	277,971	270,876	7,095	729,292	22
1,152	608,099	3	1,001			32,512		5,347	27,165		513,764	510,904	2,860	1,209,947	23
356	203,539					83,792	2,060	9,310	72,422		909,722	858,101	51,621	1,729,313	24
3	1,580					745	156	14	375	200	4,016	3,981	35	12,947	25
448	248,269	211	50,448	19	2,441	405,929	81,999	2,943	30,282	290,705	657,249	650,214	7,035	1,857,772	26
494	221,251	967	258,811	6	701	409,058	35,980	11,377	51,572	310,129	1,871,254	1,861,163	10,091	3,410,299	27
14	7,740	15	3,510	1	200	1,680	600	8	1,072		1,425	1,180	245	19,750	28
16	9,666	166	43,039			11,926	9,475	116	1,985	350	44,443	43,457	986	157,127	29
869	470,183	1,491	372,042	2	200	304,419	41,847	3,580	83,467	175,525	2,444,826	2,433,301	11,525	4,213,248	30
118	68,068	384	76,345	4	500	255,917	23,152	964	231,801		669,999	665,176	4,823	1,705,311	31
170	71,552			9	2,280	6,486	915	1,317	4,254		102,899	102,659	240	225,328	32
		13	3,352	1	150	853	660	10	183		3,247	3,235	12	12,300	33
42	24,969	46	12,680	1	150	17,079	7,170	557	7,152	2,200	14,023	11,651	2,372	131,600	34
1,612	744,553	334	71,681	15	4,150	375,763	135,671	15,469	222,358	2,265	1,601,653	1,477,978	123,675	3,357,923	35
71	30,479	3	850	1	200	5,722	2,364	98	3,260		65,999	65,522	477	136,821	36
64	19,650					3,747	1,970	107	1,670		14,369	13,185	1,184	63,320	37
2	1,750					363	310	3	50		360	360		5,200	38
34	18,860	18	3,385			6,145	3,680	5	2,460		31,983	31,683	300	86,000	39
19	8,060	30	5,762			10,436	2,705	495	7,236		112,588	111,893	695	218,735	40
60	35,730					7,369	240	3,052	4,077		683,535	674,860	8,675	776,326	41
33	14,944	55	12,011			10,373	3,265	531	6,577		93,832	90,627	3,205	176,806	42
8,469	4,451,093	181	33,734	8	2,571	1,180,872	68,177	51,673	803,185	257,837	6,698,074	6,429,699	268,375	15,428,053	43
19	15,441	36	11,818	1	150	18,550	8,355	245	9,950		90,040	89,884	156	180,545	44
3	1,000	19	5,500			3,092	863	14	2,215		34,023	33,658	365	73,001	45
157	90,759	14	3,748	2	204	19,075	10,388	617	8,045	25	171,671	169,836	1,835	373,777	46

TABLE 8.—MANUFACTURES IN CITIES

CLEVELAND—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
47	Furniture, factory product	18	$968,884	$84,400	$196,500	$160,853	$527,131	20	59	$64,300	420	$213,410
48	Gas and lamp fixtures	5	162,293			47,001	115,292	3	37	27,839	202	76,374
49	Gas and oil stoves	4	1,867,307	124,507	299,615	306,303	1,136,882		62	91,396	1,136	528,287
50	Glass, cutting, staining, and ornamenting.	3	4,000			400	3,600	3			8	6,920
51	Hairwork	9	14,115			1,765	12,350	9			27	8,175
52	Hardware	7	1,457,340	92,577	322,500	269,115	773,148	3	61	79,273	1,648	709,498
53	Hats and caps, not including fur hats and wool hats.	8	185,831	3,120	9,415	42,292	131,004	13	12	9,449	327	122,907
54	Hosiery and knit goods	5	239,439			54,463	184,976	7	7	10,730	541	130,974
55	House furnishing goods, not elsewhere specified.	5	483,812	20,400	83,657	252,647	127,108	1	27	29,812	266	85,733
56	Ice, manufactured	4	193,654	36,250	37,566	81,549	38,289	1	12	11,020	26	19,203
57	Instruments, professional and scientific	5	58,647			18,279	40,368	9	6	3,224	48	18,885
58	Iron and steel	15	14,616,917	1,431,250	2,088,162	3,953,401	7,144,104		213	230,968	6,915	4,014,589
59	Iron and steel, bolts, nuts, washers, and rivets.	7	712,045	24,363	95,738	206,613	385,331	6	50	79,972	1,305	553,261
60	Iron and steel, forgings	5	1,906,496	165,416	346,339	637,744	756,997	3	41	69,933	897	448,326
61	Ironwork, architectural and ornamental.	11	467,528	75,150	80,678	108,900	202,800	9	48	60,932	469	234,081
62	Jewelry	6	20,710			11,200	9,510	6			32	15,161
63	Leather, tanned, curried, and finished	3	171,198	26,700	34,600	26,650	83,248	5	10	9,314	44	17,900
64	Lime and cement	3	57,120		3,500	8,050	45,570	1	10	10,000	29	13,000
65	Liquors, malt	10	3,788,202	295,152	1,238,528	1,056,563	1,197,959	10	95	173,554	477	381,780
66	Lithographing and engraving	4	353,794			201,050	152,744	3	22	49,760	142	82,200
67	Lock and gun smithing	17	10,471	3,400	550	2,770	3,751	19			7	2,690
68	Looking-glass and picture frames	14	71,775	13,500	5,500	7,150	45,625	16	4	2,924	55	23,204
69	Lumber, planing mill products, including sash, doors, and blinds.	26	853,918	140,400	91,541	187,921	434,056	27	64	70,004	710	321,671
70	Malt	3	62,750	27,000	8,750	4,500	22,500	5	3	2,150	12	10,435
71	Marble and stone work	6	291,629	48,110	23,300	73,651	146,568	4	28	43,550	415	235,708
72	Masonry, brick and stone	8	124,065	7,700	5,900	17,515	92,950	12	20	17,601	243	124,176
73	Mattresses and spring beds	4	70,675	4,000	5,000	10,976	50,699	2	17	14,909	137	54,810
74	Millinery and lace goods	8	88,044	3,000	7,000	6,497	71,547	16	11	7,616	147	30,056
75	Millinery, custom work	79	163,903	41,900	30,800	8,303	82,900	89	39	20,390	286	82,358
76	Mineral and soda waters	6	39,950	4,000	3,500	11,700	20,750	5	5	3,940	24	13,775
77	Models and patterns	13	75,303	5,000	16,500	10,400	43,403	14	4	6,300	117	55,269
78	Monuments and tombstones	13	51,010	7,500	5,175	4,275	34,060	17	3	2,075	56	43,735
79	Oil, not elsewhere specified	13	664,905	11,500	25,241	61,575	566,589	11	134	134,924	89	43,304
80	Optical goods	3	12,258			2,958	9,300	2			13	9,000
81	Painting, house, sign, etc	64	148,190	11,255	15,375	15,816	105,744	76	27	20,096	418	211,029
82	Paints	9	1,346,195	105,100	171,781	185,637	883,677	5	221	270,671	343	146,425
83	Paper hanging	36	84,752	3,660	6,500	4,361	70,231	46	17	14,641	171	97,473
84	Patent medicines and compounds	10	147,136	6,700	1,900	10,927	127,609	8	29	30,780	42	19,153
85	Paving and paving materials	9	311,173	44,063	22,275	75,690	169,145	9	34	31,290	675	281,119
86	Petroleum, refining	4	5,983,718	716,576	476,734	2,605,496	2,184,912	2	141	125,331	477	243,559
87	Photography	42	57,736	700	1,350	31,466	24,220	49	5	2,140	77	41,428
88	Photolithographing and photoengraving.	3	16,200			8,500	7,700	2	8	5,657	35	16,920
89	Plumbers' supplies	7	198,096	20,937	17,467	58,631	101,061	6	26	22,870	148	67,336
90	Plumbing, and gas and steam fitting	95	505,255	29,628	53,800	70,448	351,379	117	45	83,128	729	463,290
91	Printing and publishing, book and job	69	1,107,419	2,250	23,075	694,909	387,185	73	150	141,306	981	496,319
92	Printing and publishing, newspapers and periodicals.	38	1,672,687	94,700	177,321	614,383	786,283	23	268	276,006	710	491,868
93	Pumps, not including steam pumps	3	10,550	1,000	500	800	8,250	5	1	600	10	4,940
94	Roofing and roofing materials	8	129,190	21,856	20,319	5,974	81,041	10	12	9,718	96	52,379
95	Rubber and elastic goods	3	1,230,079	19,066	96,250	64,032	1,050,731		54	67,216	697	232,158
96	Saddlery and harness	57	125,750	12,125	8,425	39,800	65,400	61	3	2,080	86	45,654
97	Sewing machines and attachments	3	2,575,208	81,000	172,781	421,580	1,899,847		115	159,767	724	401,206
98	Ship and boat building, wooden	3	9,025		500	1,825	6,700	4			42	21,400
99	Shirts	4	32,090			2,215	29,875	6			62	10,496
100	Shoddy	4	1,244,896	108,000	118,000	358,500	660,396		31	51,200	398	141,114
101	Slaughtering and meat packing, wholesale.	10	1,827,288	66,565	104,818	74,626	1,581,279	7	173	135,886	577	235,023
102	Soap and candles	7	113,688	10,180	16,200	30,928	56,380	3	21	17,081	38	18,308
103	Stamped ware	3	521,870	56,000	80,000	269,866	116,004	1	14	15,223	297	104,376
104	Steam fittings and heating apparatus	4	146,186	6,000	12,000	24,666	103,520	3	10	9,760	31	18,006
105	Stencils and brands	3	13,700			8,500	5,200	3			10	5,905
106	Stereotyping and electrotyping	4	84,918			50,908	34,010	3	8	8,950	101	53,738
107	Surgical appliances	3	1,886			1,186	700	3			4	1,102
108	Tinsmithing, coppersmithing, and sheet-iron working.	97	280,107	39,775	35,275	71,695	133,362	112	33	28,289	382	206,749
109	Tobacco, cigars and cigarettes	117	455,477	23,731	29,975	24,165	377,606	130	51	52,565	943	347,661
110	Tools, not elsewhere specified	8	984,053	55,700	147,382	356,218	424,753	7	59	56,480	568	260,364
111	Trunks and valises	4	85,900	18,000	30,000	9,400	28,500	3	13	9,050	121	45,555

BY SPECIFIED INDUSTRIES: 1900—Continued.

CLEVELAND—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
409	$211,090	3	$790	8	$1,530	$51,328	$11,852	$2,912	$31,064	$5,500	$510,501	$505,378	$5,123	$1,029,569	47
173	68,539	29	7,835			24,590	3,656	156	15,778	5,000	101,471	98,951	2,520	251,599	48
1,136	528,287					110,306		7,491	102,815		1,057,234	1,034,546	22,688	1,905,391	49
8	6,920					1,174	1,044	10	120		8,400	8,330	70	19,600	50
2	1,680	25	6,495			6,621	5,750	106	765		7,859	7,680	179	32,150	51
1,506	677,290	112	25,293	30	6,915	211,451	450	8,883	202,118		483,422	429,668	53,754	1,653,374	52
127	69,396	200	53,511			20,969	8,681	982	11,306		298,958	293,258	5,700	499,739	53
52	25,900	489	105,074			49,641	8,790	233	15,618	25,000	387,215	384,291	2,924	748,012	54
256	83,449	9	2,026	1	258	5,582	580	1,167	3,835		293,148	289,003	4,145	511,732	55
26	19,203					13,630	400	6,765	6,465		30,500	10,500	20,000	95,100	56
44	18,061	4	824			3,339	1,372	107	1,860		15,749	15,214	535	59,280	57
6,811	3,999,711	103	14,518	1	360	1,220,277	10,000	39,788	1,149,736	20,753	13,490,450	12,149,202	1,341,248	24,276,197	58
1,028	498,835	44	9,426	233	45,000	45,689	7,530	3,699	34,460		1,555,760	1,511,530	44,230	2,405,856	59
887	445,206	10	3,120			42,125		6,144	35,981		964,599	886,002	78,597	1,874,029	60
466	233,301	3	780			36,205	1,535	3,725	30,945		458,124	449,430	8,694	875,908	61
32	15,161					2,050	1,716	56	278		14,454	13,959	495	44,400	62
44	17,900					8,628		681	7,947		105,372	102,879	2,493	150,577	63
29	13,000					10,012	3,300	285	4,027	2,400	71,880	67,020	4,860	182,500	64
477	381,780					1,447,552	480	28,955	1,418,117		840,394	785,386	55,008	4,033,915	65
135	80,300	6	1,690	1	210	18,293	6,000	938	11,355		80,827	76,240	4,587	309,300	66
7	2,690					2,032	1,618	28	386		3,886	3,586	300	21,560	67
46	21,958	1	156	8	1,090	11,694	5,855	350	5,489		80,232	79,467	765	160,034	68
710	321,671					97,177	15,739	7,169	67,702	6,567	579,083	568,863	10,220	1,236,944	69
12	10,435					2,907	1,120	817	970		49,440	46,475	2,965	77,950	70
415	235,708					20,645	1,635	1,833	15,042	2,135	72,382	57,514	14,868	420,558	71
243	124,176					443,698	1,525	236	1,862	440,075	154,746	153,940	806	855,020	72
88	38,590	49	16,220			15,259	3,320	530	11,409		164,605	163,098	1,507	285,714	73
9	6,652	138	23,404			6,102	3,680	393	2,029		200,253	199,668	585	299,440	74
2	1,200	282	80,987	2	171	42,892	31,477	1,245	10,170		276,948	276,046	902	561,216	75
24	13,775					3,069	1,500	236	1,333		20,084	19,785	299	58,637	76
113	54,099	4	1,170			5,032	2,071	347	2,614		22,447	21,136	1,311	123,185	77
56	43,735					3,158	1,710	260	888	300	120,363	119,410	953	195,470	78
89	43,304					125,726	6,856	1,279	116,232	1,359	831,769	824,360	7,409	1,421,089	79
13	9,000					2,824	2,097	89	638		14,400	14,175	225	41,500	80
410	209,447	4	624	4	958	20,322	12,341	1,118	6,373	490	174,900	174,053	847	571,459	81
271	120,638	72	25,787			321,690	7,390	10,467	303,833		1,303,492	1,291,156	12,336	2,192,253	82
147	90,586	22	6,705	2	182	14,577	8,887	536	4,754	400	106,277	105,982	295	317,781	83
24	13,154	18	5,999			25,005	4,476	464	20,065		84,129	83,546	583	213,635	84
675	281,119					23,068	3,230	1,253	15,585	3,000	287,816	284,975	2,841	747,842	85
436	234,465	41	9,094			446,029	4,747	44,541	396,741		1,973,473	1,851,671	121,802	2,963,169	86
46	30,308	30	10,990	1	130	21,263	17,092	229	3,682	260	50,694	50,105	589	181,510	87
35	16,920					4,664	1,424	65	1,925	1,250	4,750	3,950	800	44,000	88
147	66,816			1	520	29,550	4,580	1,255	23,715		150,880	146,222	4,658	323,608	89
728	463,054			1	236	54,258	21,305	2,126	22,477	8,350	1,039,923	1,032,139	7,784	1,919,734	90
772	436,792	195	57,253	14	2,274	117,084	46,169	3,348	49,307	18,260	700,052	683,160	16,892	1,787,106	91
629	468,885	71	21,395	10	1,588	378,282	25,463	7,119	277,878	67,822	485,423	468,355	17,068	2,073,324	92
10	4,940					980	280	50	650		13,970	13,880	90	30,800	93
95	52,145	1	234			6,078	2,345	462	3,271		149,703	149,157	546	253,841	94
427	144,089	251	83,569	19	4,500	40,397	650	3,100	36,647		1,045,927	1,027,725	18,202	1,494,369	95
85	45,554			1	100	11,503	8,131	501	2,521	350	82,992	81,967	1,025	197,429	96
699	396,022	12	3,000	13	2,184	115,920	500	11,570	103,850		860,832	855,479	5,353	1,759,320	97
42	21,400					1,603	1,450	8	145		13,200	12,885	315	43,950	98
4	1,664	58	8,832			3,410	1,032	25	2,353		38,825	38,410	415	66,370	99
188	87,379	210	53,735			63,246	240	4,682	58,324		945,318	925,613	19,705	1,308,167	100
559	229,407	18	5,616			175,132	180	5,524	169,428		6,759,023	6,733,093	25,930	7,514,470	101
36	17,858	2	450			9,661	1,640	487	6,442	1,092	105,305	101,509	3,796	173,650	102
286	103,129	11	1,247			16,945	500	1,562	14,883		158,664	151,455	7,209	325,910	103
31	18,006					5,709	1,300	386	4,023		56,839	56,213	626	143,300	104
10	5,905					1,605	1,010	45	450	100	4,760	4,625	135	19,500	105
100	53,388			1	350	17,481	3,756	331	13,394		17,710	15,740	1,970	117,442	106
1	144	2	808	1	150	601	385	4	212		1,075	1,065	10	10,300	107
377	205,351	2	590	3	808	39,607	16,042	1,817	20,748	1,000	324,910	320,769	4,141	759,828	108
515	242,896	426	104,561	2	204	276,227	22,069	2,055	252,103		410,193	407,310	2,883	1,261,012	109
468	240,364	100	20,000			77,346	2,800	3,337	71,209		264,504	257,109	7,395	890,342	110
98	40,575	20	4,512	3	468	8,591	2,700	691	5,200		75,687	74,300	1,387	163,000	111

TABLE 8.—MANUFACTURES IN CITIES

CLEVELAND—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
112	Umbrellas and canes	5	$34,440	$400	$200	$3,390	$30,450	7	6	$2,860	34	$10,885
113	Varnish	7	458,770	23,841	71,252	43,019	320,658	7	67	93,678	48	35,182
114	Watch, clock, and jewelry repairing	71	53,025	3,650	2,650	19,645	27,080	68			78	46,666
115	Wirework, including wire rope and cable.	12	895,129	45,000	136,780	271,962	441,387	6	47	43,272	774	285,815
116	Wood, turned and carved	11	39,670	1,400	675	18,425	19,170	11	3	1,450	63	34,882
117	All other industries[1]	103	15,189,340	1,235,005	1,206,974	6,836,580	5,910,781	91	481	580,374	6,936	3,142,932

[1] Embraces agricultural implements, 1; ammunition, 1; artificial feathers and flowers, 1; artificial limbs, 2; babbitt metal and solder, 1; bags, other than paper, 1; bags, paper, 2; belting and hose, leather, 2; billiard tables and materials, 2; boot and shoe cut stock, 1; boot and shoe uppers, 2; bronze castings, 1; buttons, 2; carriage and wagon materials, 1; carriages and sleds, children's, 1; cars, steam railroad, not including operations of railroad companies, 1; cars, street railroad, not including operations of railroad companies, 2; china decorating, 1; chocolate and cocoa products, 1; coffee and spice, roasting and grinding, 2; coffins, burial cases, and undertakers' goods, 2; cotton small wares, 1; cutlery and edge tools, 1; druggists' preparations, not including prescriptions, 2; fancy articles, not elsewhere specified, 1; files, 1; fish, canning and preserving, 1; foundry supplies, 1; galvanizing, 1; gas, illuminating and heating, 1; gas machines and meters, 1; grease and tallow, 2; hand stamps, 2; ink, printing, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; japanning, 1; lamps and reflectors, 1; lead, bar, pipe, and sheet, 1; leather goods, 2; liquors, distilled, 1; liquors, vinous, 2; lumber and timber products, 1; mucilage and paste, 1; musical instruments and

COLUMBUS.

1	All industries	914	$25,392,136	$2,456,310	$3,644,451	$6,966,529	$12,324,846	968	1,759	$1,644,304	17,066	$7,718,824
2	Awnings, tents, and sails	3	10,800			3,500	7,300	2	2	1,100	21	8,250
3	Bicycle and tricycle repairing	20	16,420	850	1,450	9,855	4,265	19	1	200	20	6,616
4	Blacksmithing and wheelwrighting	69	42,862	16,985	8,265	8,245	9,367	76	4	1,000	94	50,305
5	Bookbinding and blank book making	6	47,000			17,500	29,500	7	7	5,500	59	23,519
6	Boots and shoes, custom work and repairing.	57	10,859	2,990	1,125	4,300	1,944	60			13	5,765
7	Boots and shoes, factory product	8	1,694,542	12,000	39,381	131,025	1,512,136	1	151	201,314	1,880	683,401
8	Boxes, wooden packing	5	37,347	6,375	6,578	9,758	14,636	4	5	3,222	59	17,322
9	Brass castings and brass finishing	3	37,554	4,000	7,416	13,346	12,792	2	8	4,000	36	16,226
10	Bread and other bakery products	30	456,767	69,025	84,340	174,443	128,959	30	78	56,738	286	112,522
11	Brick and tile	5	19,565	6,500	3,265	4,750	5,050	6	1	800	62	23,889
12	Brooms and brushes	4	71,851	3,600	8,650	6,252	53,349	6	8	6,600	53	17,270
13	Carpentering	10	29,700	1,800	2,400	3,275	22,225	11			62	36,318
14	Carpets, rag	3	9,357			5,900	3,457	3	1	864	38	8,992
15	Carriage and wagon materials	4	59,425	100	500	31,100	27,725	4	6	8,700	161	60,165
16	Carriages and wagons	20	1,597,006	265,531	346,310	82,911	902,254	28	109	84,632	1,026	417,856
17	Cars and general shop construction and repairs by steam railroad companies.	6	1,349,749	240,341	294,200	202,048	613,160		90	76,829	2,104	1,141,352
18	Clothing, men's, custom work and repairing.	61	126,230	3,000	2,900	13,567	106,763	70	19	17,988	369	169,244
19	Clothing, women's, dressmaking	17	6,358			2,473	3,885	22	6	6,660	99	31,586
20	Coffee and spice, roasting and grinding	3	68,500			20,350	48,150	2	70	34,961	27	12,200
21	Confectionery	15	75,559	1,000	900	13,775	59,884	18	23	18,660	154	38,341
22	Dyeing and cleaning	9	24,380	11,750	4,610	4,910	3,110	8	2	600	16	8,082
23	Electrical construction and repairs	6	18,825			3,625	15,200	8	5	3,330	32	17,040
24	Electroplating	3	9,300		800	6,200	2,300	2	1	900	21	8,922
25	Flouring and grist mill products	3	159,900	9,400	28,000	41,200	81,300	1	11	13,360	29	16,266
26	Foundry and machine shop products	35	3,953,271	359,010	534,656	854,745	2,204,860	31	194	250,677	2,824	1,368,711
27	Furniture, cabinetmaking, repairing, and upholstering.	18	33,585	3,500	3,500	7,550	19,035	14	4	3,000	44	21,796
28	Furniture, factory product	4	264,599	37,659	10,000	38,125	178,815	4	33	23,716	213	66,865
29	Hats and caps, not including fur hats and wool hats.	3	1,650			560	1,090	3			7	3,460
30	Iron and steel	4	1,916,600	96,600	350,000	1,220,000	250,000		24	55,190	670	451,482
31	Iron and steel, bolts, nuts, washers, and rivets.	3	236,000	29,000	23,000	75,000	109,000	2	18	19,200	406	137,000
32	Iron and steel, forgings	3	155,000	20,000	17,000	30,000	88,000		13	17,225	163	70,820
33	Ironwork, architectural and ornamental.	4	105,600	4,000	9,000	21,200	71,400	4	8	11,040	76	31,089
34	Lime and cement	3	26,300	1,000	4,000	1,800	19,500	3	4	5,220	20	8,501
35	Liquors, malt	4	1,646,978	203,570	808,950	221,489	412,969	5	50	73,804	447	250,678
36	Lock and gun smithing	3	2,205			1,660	545	12			2	1,220
37	Looking-glass and picture frames	9	26,565			1,925	24,640	12	8	3,112	20	8,318
38	Lumber, planing mill products, including sash, doors, and blinds.	12	175,936	28,000	11,600	33,710	102,626	12	8	7,400	159	88,533
39	Marble and stone work	8	63,225	14,000	5,525	32,825	10,875	8	9	5,000	71	39,779
40	Masonry, brick and stone	22	186,809	12,190	20,155	50,875	103,589	30	6	6,900	361	240,647
41	Millinery, custom work	28	58,916	3,900	3,800	1,336	49,880	31	24	5,350	134	30,614
42	Monuments and tombstones	5	23,050	2,250	350	1,250	19,200	6	2	2,500	18	11,746
43	Optical goods	3	7,897			2,550	5,347	2	2	200	4	1,883
44	Painting, house, sign, etc	16	37,453	3,065	7,040	3,423	23,925	20	10	5,260	94	42,090
45	Paints	3	154,695	40,000	35,303	9,264	70,128		23	29,940	47	18,332
46	Patent medicines and compounds	7	675,495	21,300	69,350	57,505	527,340	5	30	28,045	125	46,352
47	Paving and paving materials	8	23,881	1,870	1,659	8,200	12,152	8	6	700	67	25,070
48	Photography	13	59,815			13,319	46,496	17	6	3,056	41	19,466
49	Plastering and stuccowork	7	2,305	300	900	575	530	7			37	21,089
50	Plumbing, and gas and steam fitting	30	83,835	2,620	1,405	7,215	72,595	43	11	4,446	169	73,260
51	Printing and publishing, book and job	22	172,060	3,000	500	116,500	52,060	25	29	22,082	206	97,045

BY SPECIFIED INDUSTRIES: 1900—Continued.

CLEVELAND—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
7	$3,065	27	$7,820			$5,333	$3,100	$123	$2,110		$72,081	$71,785	$296	$114,400	112
47	34,882	1	300			77,251	290	4,281	72,680		433,900	430,709	3,191	710,218	113
74	46,310	1	178	3	$178	14,848	10,161	251	1,446	$2,990	81,360	80,568	792	150,133	114
715	267,655	59	18,160			76,048	5,562	5,459	65,027		562,126	555,601	6,525	1,137,416	115
62	34,782			1	100	4,057	2,516	96	1,295	150	19,618	17,435	2,183	91,730	116
5,771	2,887,708	1,144	252,183	21	3,041	1,074,351	50,008	129,015	615,851	279,477	7,171,031	6,952,726	218,305	13,892,429	117

materials, not specified, 2; musical instruments, organs and materials, 1; musical instruments, pianos and materials, 1; oil, linseed, 1; oilcloth, floor, 1; oleomargarine, 1; paper and wood pulp, 2; paper hangings, 1; pens, fountain and stylographic, 1; plastering and stuccowork, 2; pottery, terra cotta, and fire-clay products, 2; printing and publishing, music, 2; printing materials, 1; regalia and society banners and emblems, 1; rules, ivory and wood, 1; safes and vaults, 1; salt, 1; sausage, 1; saws, 1; scales and balances, 1; screws, wood, 2; sewing machine cases, 1; sewing machine repairing, 1; shipbuilding, iron and steel, 1; show cases, 1; sporting goods, 1; springs, steel, car and carriage, 1; stationery goods, not elsewhere specified, 1; sugar and molasses, refining, 1; taxidermy, 1; tin and terne plate, 1; tobacco, chewing, smoking, and snuff, 1; typewriter repairing, 1; typewriters and supplies, 1; upholstering materials, 1; vault lights and ventilators, 1; washing machines and clothes wringers, 1; wool pulling, 1; woolen goods, 1; worsted goods, 1.

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14,528	$7,091,119	2,269	$580,440	269	$47,265	$4,014,022	$248,685	$172,783	$3,356,749	$235,805	$20,194,532	$19,269,281	$925,251	$39,666,848	1
11	5,350	10	2,900			4,107	960	65	3,082		22,759	22,485	274	48,500	2
18	6,106	2	510			2,634	2,238	187	209		17,553	17,020	533	41,819	3
93	50,130			1	175	7,363	5,893	661	809		40,441	37,626	2,815	161,349	4
27	15,320	31	8,024	1	175	16,567	4,020	357	6,490	5,700	60,128	59,026	1,102	131,741	5
13	5,765					4,395	4,158	41	196		12,932	12,419	513	53,337	6
1,203	478,687	570	181,660	107	23,054	95,242	9,805	3,619	81,818		2,141,731	2,130,290	11,441	3,505,126	7
49	16,322			10	1,000	3,801	870	183	2,748		51,876	50,374	1,502	89,782	8
36	16,226					2,791	300	91	2,400		26,150	24,799	1,351	54,592	9
236	100,023	50	12,499			68,218	7,254	4,184	56,780		460,590	449,314	11,276	810,754	10
54	22,239			8	1,650	2,533	1,740	148	645		7,537	2,097	5,440	43,100	11
43	16,070	10	1,200			15,543	150	725	2,966	11,702	50,623	49,732	891	103,684	12
62	36,318					48,506	1,234	331	2,381	44,560	59,366	59,193	173	173,384	13
17	5,840	12	2,112	9	1,040	848	802	39	7		5,984	5,310	674	26,643	14
141	56,005	20	4,160			9,623	2,160	410	7,053		172,084	168,724	3,360	304,935	15
990	409,788	26	6,568	10	1,500	130,614	11,247	15,874	103,493		1,044,017	1,031,116	12,901	2,136,467	16
2,099	1,139,276	5	2,076			137,968		11,102	126,866		872,563	856,585	15,978	2,227,710	17
253	133,047	115	36,047	1	150	32,332	24,738	1,048	6,546		186,060	183,672	2,388	545,455	18
10	5,280	89	26,306			5,232	3,944	17	1,271		21,155	20,840	315	84,785	19
19	9,300	8	2,900			5,990	3,100	890	2,000		187,885	186,555	1,330	276,236	20
70	21,861	75	15,310	9	1,170	14,827	6,264	323	8,240		105,379	103,372	2,007	243,100	21
9	5,768	7	2,314			2,681	988	370	1,323		2,384	1,876	508	22,455	22
32	17,040					3,577	1,932	39	1,606		56,292	55,919	373	112,720	23
20	8,422	1	500			720	600	55	65		1,832	1,417	415	15,700	24
29	16,266					5,661		1,774	3,887		481,454	478,044	3,410	532,236	25
2,824	1,368,711					272,004	14,497	19,456	205,562	32,489	2,185,257	2,101,354	83,903	4,629,742	26
40	20,596	3	1,000	1	200	3,355	1,668	255	1,432		11,218	10,405	813	63,408	27
177	62,472	16	3,602	20	791	29,875	1,240	1,413	13,660	13,562	205,388	201,502	3,886	427,530	28
4	2,460	3	1,000			693	517	43	133		2,509	2,500	9	9,900	29
670	451,482					125,897		2,344	123,553		3,987,393	3,404,988	582,405	5,976,028	30
392	134,500	14	2,500			23,241		2,421	20,820		189,800	185,025	4,775	390,000	31
163	70,820					7,595	3,315	100	4,180		158,662	153,807	4,855	304,098	32
73	30,099	2	840	1	150	6,381	1,950	1,066	3,365		102,897	102,137	760	170,682	33
15	7,500			5	1,001	1,043	460	133	450		25,750	24,594	1,156	49,300	34
420	246,206			27	4,472	1,016,879		40,852	976,027		497,084	461,534	35,550	2,024,407	35
2	1,220					1,226	1,036	38	152		1,366	1,063	303	7,600	36
17	7,768	2	350	1	200	6,203	3,940	209	2,054		17,452	17,213	239	58,853	37
159	88,533					11,958	7,640	2,069	2,249		120,136	114,600	5,536	284,175	38
71	39,779					2,751	825	404	1,522		33,073	32,450	623	114,060	39
361	240,647					48,593	1,375	1,641	7,977	37,600	287,966	285,684	2,282	666,430	40
1	420	131	29,954	2	240	14,166	11,582	813	1,771		112,424	111,865	559	216,941	41
18	11,746					2,883	776	360	1,171	576	50,800	50,750	50	90,586	42
8	1,730			1	153	1,607	925	74	608		2,685	2,552	133	8,935	43
93	41,830	1	260			5,849	2,226	316	3,057	250	38,814	38,675	139	114,320	44
43	17,332	4	1,000			14,246		873	13,373		115,343	114,523	820	205,449	45
47	25,952	78	20,400			607,418	4,576	1,096	601,746		476,313	472,921	3,392	1,557,494	46
67	25,070					931		228	703		53,637	53,580	57	96,089	47
26	15,180	14	4,186	1	100	13,914	8,288	150	5,476		29,467	29,220	247	98,796	48
37	21,089					484	240	43	201		15,152	15,146	6	50,171	49
168	73,000			1	260	10,835	4,825	361	5,449	200	172,646	171,534	1,112	339,654	50
150	79,260	48	16,489	8	1,296	17,874	9,272	962	6,690	950	91,188	87,407	3,781	282,915	51

TABLE 8.—MANUFACTURES IN CITIES

COLUMBUS—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
52	Printing and publishing, newspapers and periodicals.	20	$693,791	$51,200	$68,000	$322,530	$252,061	14	141	$104,999	445	$287,946
53	Pumps, not including steam pumps	4	2,120		400	535	1,185	5			8	3,332
54	Roofing and roofing materials	17	49,267	300	1,500	11,338	36,129	27	4	2,148	114	53,837
55	Saddlery and harness	15	210,065	39,500	20,500	7,640	142,425	15	39	29,280	118	44,027
56	Shirts	7	12,975			4,750	8,225	8	8	1,725	49	15,018
57	Slaughtering and meat packing, wholesale.	5	152,410	13,000	47,000	23,800	68,610	11	4	2,410	73	34,290
58	Tinsmithing, coppersmithing, and sheet-iron working.	28	137,310	13,533	16,169	43,692	63,916	31	12	8,370	104	42,573
59	Tobacco, cigars and cigarettes	31	331,634	7,985	14,705	25,507	283,437	32	22	20,087	483	112,945
60	Trunks and valises	6	52,078			16,793	35,285	5	11	8,500	64	20,815
61	Watch, clock, and jewelry repairing	30	19,655	1,900	750	9,055	7,950	37	1	780	47	27,469
62	Wirework, including wire rope and cable.	5	56,537	2,225	5,897	15,103	33,312	5	11	6,110	26	8,902
63	All other industries[1]	99	7,601,213	784,586	710,747	2,858,877	3,247,003	84	381	328,874	2,389	960,375

[1] Embraces agricultural implements, 2; artificial limbs, 1; baking and yeast powders, 1; baskets, and rattan and willow ware, 2; bicycles and tricycles, 1; boxes, cigar, 2; boxes, fancy and paper, 2; bridges, 2; cars and general shop construction and repairs by street railroad companies, 1; clocks, 1; clothing, men's, factory product, 1; clothing, women's, factory product, 1; coffins, burial cases, and undertakers' goods, 1; cooperage, 1; cordage and twine, 1; corsets, 2; cutlery and edge tools, 2; druggists' preparations, not including prescriptions, 2; engraving and diesinking, 1; engraving, steel, including plate printing, 2; fertilizers, 1; files, 1; flavoring extracts, 1; food preparations, 2; fruits and vegetables, canning and preserving, 1; fur goods, 2; furnishing goods, men's, 1; gas and lamp fixtures, 1; gas and oil stoves, 1; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; grease and tallow, 1; hairwork, 1; hammocks, 1; hand stamps, 2;

DAYTON.

1	All industries	1,096	$28,027,518	$1,822,675	$3,936,778	$4,861,843	$17,406,222	1,197	1,455	$1,570,994	16,869	$7,959,792
2	Agricultural implements	4	2,064,429	116,843	225,124	283,299	1,439,163		77	81,987	608	303,041
3	Awnings, tents, and sails	3	7,775			1,475	6,300	3	1	800	16	6,115
4	Baskets, and rattan and willow ware	3	3,375	400	200	1,575	1,200	3	1	104	8	3,882
5	Bicycle and tricycle repairing	16	12,240			6,240	6,000	19			15	7,782
6	Blacksmithing and wheelwrighting	56	26,662	5,550	4,960	7,090	9,062	68	3	960	60	30,838
7	Boots and shoes, custom work and repairing.	63	12,009	2,370	1,955	4,290	3,394	67			21	9,359
8	Boxes, cigar	3	58,550	3,000	13,800	13,681	28,069	3	9	6,010	110	36,210
9	Boxes, fancy and paper	3	341,660			181,827	159,833		39	47,740	350	100,660
10	Brass castings and brass finishing	3	517,925	7,000	103,000	91,925	316,000	3	19	31,800	260	88,944
11	Bread and other bakery products	53	444,140	38,910	130,352	202,219	72,659	61	31	20,750	186	88,019
12	Brooms and brushes	4	7,455	1,130	1,300	1,350	3,675	6			20	9,877
13	Carpentering	62	55,187	10,260	11,950	9,992	22,985	70			247	132,229
14	Carpets, rag	6	2,122	850	350	222	700	6			1	468
15	Carriage and wagon materials	5	434,838	60,794	66,263	76,289	231,492	3	19	28,332	281	105,588
16	Carriages and wagons	13	222,780	41,150	50,401	12,345	118,884	22	9	13,960	205	105,221
17	Clothing, men's, custom work and repairing.	63	117,775	14,350	10,775	7,375	85,275	71	13	9,900	203	89,362
18	Clothing, men's, factory product	4	250,267	6,000	16,399	26,992	200,876	5	23	26,200	284	78,660
19	Clothing, women's, dressmaking	80	23,874	400	850	6,755	15,869	89	2	2,700	220	92,844
20	Coffee and spice, roasting and grinding	3	188,300	3,000	28,000	17,300	140,000	4	18	15,080	42	16,528
21	Confectionery	17	36,485	2,300	1,100	12,210	20,875	21	19	6,837	79	24,126
22	Cooperage	4	9,612	2,300	1,525	1,687	4,100	4			18	7,110
23	Dyeing and cleaning	7	7,065	500	300	4,205	2,060	8			14	6,800
24	Electrical apparatus and supplies	5	217,081	5,600	3,600	83,881	124,000	4	13	11,990	125	57,795
25	Electrical construction and repairs	3	21,735			235	21,500	4			12	7,600
26	Flouring and grist mill products	5	211,035	12,500	72,000	56,200	70,335	5	8	15,460	46	29,500
27	Foundry and machine shop products	37	4,633,290	335,312	422,935	824,489	3,050,554	35	169	207,676	2,880	1,517,988
28	Furniture, cabinetmaking, repairing, and upholstering.	14	13,100	700	350	1,885	10,165	16			22	12,390
29	Furniture, factory product	6	805,719	53,662	226,141	90,231	435,685	1	34	31,165	403	130,701
30	Hairwork	3	910			185	725	3			3	670
31	Ironwork, architectural and ornamental.	3	13,655	7,500	1,375	3,800	980	3	4	2,000	18	8,184
32	Labels and tags	4	36,050			23,500	12,550	4	7	8,196	21	9,843
33	Liquors, malt	9	1,727,327	373,000	668,500	303,910	381,917	5	29	42,970	152	97,268
34	Lock and gun smithing	4	985			875	110	5			4	2,213
35	Looking-glass and picture frames	8	8,840	800	700	2,390	4,950	8			8	4,752
36	Lumber, planing mill products, including sash, doors, and blinds.	5	299,370	25,400	45,918	55,400	172,652	3	22	21,870	347	193,832
37	Marble and stone work	6	45,685	3,500	1,000	18,865	22,320	8	8	5,320	66	48,356
38	Masonry, brick and stone	25	46,108	3,500	3,080	9,938	29,590	26	1	350	186	122,314
39	Millinery, custom work	37	43,999	300	650	1,614	41,435	38	7	3,010	85	22,238
40	Mineral and soda waters	3	43,600			11,500	32,100	4	9	9,914	15	5,924
41	Models and patterns	7	5,195			2,525	2,670	7	1	208	15	9,260
42	Monuments and tombstones	8	15,075	800	1,200	1,715	11,360	15	4	2,280	22	10,930
43	Painting, house, sign, etc	61	30,360	2,995	2,760	7,560	17,045	66	1	700	166	89,217
44	Paints	5	370,442	11,000	33,450	27,050	298,942	7	11	17,500	43	23,767
45	Paper and wood pulp	6	726,610	96,600	119,200	223,604	287,206	2	18	33,389	237	111,521
46	Paper hanging	3	85,555	1,200	4,150	1,075	79,130	10	6	3,108	17	8,727

BY SPECIFIED INDUSTRIES: 1900—Continued.

COLUMBUS—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
402	$273,422	40	$14,028	8	$496	$127,127	$13,333	$3,259	$77,268	$33,267	$195,536	$185,695	$9,841	$820,903	52
8	3,332					483	362	11	110		2,150	2,130	20	9,161	53
112	53,337			2	500	6,271	3,228	396	2,647		120,280	118,908	1,372	233,015	54
101	41,027			17	3,000	12,227	6,691	1,397	4,139		153,483	152,685	798	298,187	55
4	2,754	45	12,264			2,276	975	25	1,276		26,037	25,690	347	52,800	56
73	34,290					2,316	120	1,221	975		630,330	625,844	4,486	714,132	57
94	41,298	6	515	4	760	8,160	3,433	1,034	3,693		84,652	83,075	1,577	194,635	58
237	62,028	245	50,755	1	162	178,527	3,293	1,739	172,917	578	103,513	102,632	881	452,125	59
46	17,165	17	3,500	1	150	8,009	6,300	419	1,290		63,414	62,999	415	131,154	60
45	27,219			2	250	4,274	2,708	282	1,164	120	16,507	16,081	426	71,146	61
25	8,752	1	150			3,125	220	315	2,590		63,863	63,560	303	89,660	62
1,806	844,644	568	112,561	15	3,170	791,553	32,452	42,432	662,418	54,251	3,661,572	3,575,148	86,424	6,616,757	63

hardware, 1; hardware, saddlery, 1; hosiery and knit goods, 1; ice, manufactured, 2; iron and steel, doors and shutters, 1; jewelry, 1; lamps and reflectors, 2; leather, tanned, curried, and finished, 2; lithographing and engraving, 2; lumber and timber products, 2; mattresses and spring beds, 1; mineral and soda waters, 2; mirrors, 1; mucilage and paste, 2; musical instruments and materials, not specified, 2; oleomargarine, 1; perfumery and cosmetics, 1; photolithographing and photoengraving, 1; plumbers' supplies, 1; regalia and society banners and emblems, 2; registers, cash, 1; rubber and elastic goods, 1; saws, 2; shoddy, 1; show cases, 2; soap and candles, 2; starch, 2; steam fittings and heating apparatus, 2; stereotyping and electrotyping, 2; taxidermy, 1; varnish, 1; washing machines and clothes wringers, 1; watches, 1; window shades, 1; wood, turned and carved, 2; woolen goods, 1.

DAYTON.

13,576	$7,059,503	3,143	$875,781	150	$24,508	$3,295,885	$215,072	$141,852	$2,650,595	$288,366	$16,800,911	$16,487,140	$313,771	$35,697,695	1
608	303,041					212,348	150	10,808	201,390		594,646	585,184	9,462	1,281,658	2
8	3,851	8	2,264			1,879	948	86	570	275	13,308	13,190	118	29,600	3
8	3,882					213	155	30	28		1,657	1,622	35	9,275	4
15	7,782					2,117	1,667	38	377	35	8,969	8,628	341	28,700	5
59	30,682			1	156	12,947	6,498	239	1,150	5,060	35,701	33,951	1,750	135,217	6
21	9,359					5,017	4,467	105	445		20,511	20,030	481	64,774	7
49	21,564	61	14,646			3,404	1,500	353	1,551		37,115	35,925	1,190	99,916	8
135	65,017	215	35,643			33,708	6,500	852	26,356		260,773	257,923	2,850	490,895	9
255	88,044	5	900			37,728	240	1,795	35,693		163,021	158,457	4,564	375,136	10
158	82,512	24	4,707	4	800	25,245	12,953	2,220	10,072		332,402	320,639	11,763	629,302	11
13	9,617			2	260	796	96	74	626		19,042	18,732	310	38,440	12
246	132,073			1	156	110,678	1,203	583	3,831	105,061	406,332	404,906	1,426	740,802	13
1	468					167	108	35	24		1,836	1,778	58	5,196	14
281	105,588					15,319	900	3,214	11,205		182,788	181,638	1,150	413,205	15
204	104,621	1	600			9,434	2,854	2,113	4,467		151,866	149,132	2,734	338,205	16
133	71,825	67	16,953	3	584	26,648	12,016	745	3,317	10,570	123,629	122,652	977	354,163	17
18	9,000	266	69,660			9,417	1,620	1,565	6,232		173,613	172,333	1,280	328,217	18
5	3,560	214	89,176	1	108	9,053	6,864	35	2,154		39,513	38,837	676	157,005	19
17	8,744	25	7,784			19,125	3,200	2,245	13,680		386,245	383,267	2,978	506,794	20
33	15,129	45	8,866	1	131	7,151	5,357	395	1,399		102,552	100,958	1,594	191,190	21
18	7,110					323	140	46	137		16,586	16,461	125	26,748	22
11	5,918	2	700	1	182	1,939	1,296	51	592		2,631	2,167	464	19,884	23
115	53,895	10	3,900			18,392	3,380	278	14,734		74,294	73,044	1,250	197,126	24
12	7,600					1,074	549	75	350		19,960	19,950	10	38,000	25
46	29,500					14,495	1,000	3,555	9,940		527,288	520,308	6,980	626,718	26
2,822	1,501,555	56	16,069	2	364	366,481	18,083	14,875	331,686	1,837	2,499,763	2,436,335	63,428	4,994,984	27
19	11,688			3	702	2,339	1,822	128	264	125	25,517	25,331	186	58,272	28
385	127,827	2	624	16	2,250	37,343	1,480	3,548	32,315		285,034	280,304	4,730	528,248	29
		3	670			882	696	10	176		1,653	1,628	25	6,115	30
18	8,184					1,920	250	170	1,500		8,892	8,730	162	23,620	31
13	7,944	7	1,699	1	200	16,949	1,901	94	2,954	12,000	21,475	20,877	598	89,344	32
152	97,268					345,242	2,250	12,253	330,739		182,974	164,448	18,526	794,295	33
4	2,213					623	388	155	80		1,175	1,020	155	6,120	34
8	4,752					2,561	2,148	67	346		11,337	11,184	153	24,560	35
347	193,832					76,748	1,200	1,373	14,175	60,000	415,120	411,716	3,404	751,724	36
66	48,356					14,727	1,505	52	3,170	10,000	33,861	31,006	2,855	114,778	37
186	122,314					4,912	650	229	2,898	1,135	150,288	150,168	120	328,067	38
		84	22,138	1	100	15,169	11,934	468	2,767		120,706	120,139	567	211,078	39
14	5,800			1	124	5,955	2,050	18	3,887		26,639	26,279	360	65,284	40
15	9,260					1,427	1,140	20	267		3,409	2,977	432	19,538	41
22	10,930					3,253	1,816	126	691	1,120	41,232	41,040	192	73,525	42
166	89,217					5,936	3,305	389	2,242		56,762	56,473	289	223,880	43
34	20,167	9	3,600			22,832	680	2,032	20,120		194,974	192,413	2,561	311,437	44
234	99,837	48	10,306	5	1,378	44,126	4,008	3,987	36,131		331,512	294,721	36,791	611,823	45
13	7,978	4	754			1,822	362	142	1,318		33,107	33,071	36	59,414	46

TABLE 8.—MANUFACTURES IN CITIES

DAYTON—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
47	Patent medicines and compounds	6	$430,002	$450	$350	$6,548	$422,654	8	24	$33,640	41	$10,572
48	Paving and paving materials	8	30,216	1,798	3,900	4,050	20,468	7	9	3,570	71	30,834
49	Photography	12	7,395	250	800	4,750	1,595	15	2	468	11	4,420
50	Plastering and stuccowork	13	8,745	825	1,385	1,790	4,745	18			35	18,673
51	Plumbing, and gas and steam fitting	21	119,760	21,200	11,500	11,550	75,510	28	10	7,598	158	88,196
52	Printing and publishing, book and job	18	277,477	6,700	7,700	130,500	132,577	16	59	39,899	186	85,500
53	Printing and publishing, newspapers and periodicals.	12	529,917	63,500	72,000	152,097	242,320	5	54	51,081	276	138,120
54	Registers, cash	3	4,143,630	47,612	487,576	315,251	3,293,191	1	252	274,073	1,643	1,047,394
55	Roofing and roofing materials	3	9,910	600	175	2,850	6,285	9	1	360	15	7,676
56	Saddlery and harness	17	46,535	18,000	10,550	3,610	14,375	21	1	900	27	12,892
57	Slaughtering and meat packing, wholesale.	9	228,400	29,500	47,400	25,700	125,800	14	12	9,900	144	74,061
58	Soap and candles	6	239,376	18,300	51,750	30,774	138,552	5	62	52,618	87	30,904
59	Tinsmithing, coppersmithing, and sheet-iron working.	28	138,640	35,400	26,900	25,270	51,070	34	3	1,970	103	51,066
60	Tobacco, cigars and cigarettes	70	576,820	29,900	43,970	55,634	447,316	78	36	50,668	1,098	435,789
61	Tobacco, stemming and rehandling	10	854,200	16,000	57,000	9,200	772,000	17	11	16,350	721	177,329
62	Tools, not elsewhere specified	3	7,350	200	200	3,500	3,450	2			7	7,260
63	Umbrellas and canes	3	83,819			7,289	76,530	4	12	6,997	59	21,880
64	Watch, clock, and jewelry repairing	21	13,100	2,635	1,235	3,320	5,910	23			17	10,129
65	All other industries[1]	81	6,035,975	278,329	836,774	1,345,390	3,575,482	77	272	310,636	3,979	1,838,444

[1] Embraces baking and yeast powders, 2; blacking, 1; bookbinding and blank book making, 1; bottling, 1; boxes, wooden packing, 1; brick and tile, 2; cars and general shop construction and repairs by steam railroad companies, 2; cars, steam railroad, not including operations of railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; china decorating, 1; cleansing and polishing preparations, 1; cordage and twine, 1; corsets, 2; cutlery and edge tools, 1; druggists' preparations, not including prescriptions, 1; electroplating, 1; engraving and diesinking, 1; fancy articles, not elsewhere specified, 1; fertilizers, 1; files, 2; flags and banners, 1; flavoring extracts, 1; food preparations, 1; fruits and vegetables, canning and preserving, 1; fur goods, 1; gas and oil stoves, 1; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; gloves and mittens, 1; grease and tallow, 2; hand stamps, 1; ice, manufactured, 1; iron and steel,

HAMILTON.

1	All industries	222	$12,575,821	$997,361	$2,154,658	$3,197,683	$6,226,119	219	325	$413,632	5,850	$2,626,084
2	Bicycle and tricycle repairing	3	1,660			360	1,300	5			1	390
3	Blacksmithing and wheelwrighting	15	8,075	1,675	1,150	1,675	3,575	18			18	9,621
4	Boots and shoes, custom work and repairing.	12	6,535	1,700	3,445	625	765	15			6	2,235
5	Bread and other bakery products	12	35,200	6,650	19,000	6,750	2,800	14			33	15,727
6	Carpentering	10	47,445	8,900	4,725	2,940	30,880	11			70	43,128
7	Carriage and wagon materials	3	34,600	7,100	4,900	4,300	18,300	5	1	936	30	11,800
8	Carriages and wagons	3	243,547	11,000	66,000	14,878	151,669	2	16	17,784	178	77,759
9	Clothing, men's, custom work and repairing.	13	34,915	7,000	2,000	4,805	21,110	15	12	5,852	50	22,188
10	Confectionery	3	2,150			1,650	500	4	2	400	3	700
11	Flouring and grist mill products	3	119,958	16,600	18,350	49,480	35,528		9	8,670	36	21,442
12	Foundry and machine shop products	16	4,567,846	237,000	795,264	1,154,894	2,380,688	6	100	142,697	2,700	1,323,986
13	Furniture, cabinetmaking, repairing, and upholstering.	5	11,430	1,950	4,200	3,555	1,725	7			3	1,400
14	Liquors, malt	3	1,994,956	270,000	328,584	391,940	1,004,432		22	28,240	178	108,861
15	Looking-glass and picture frames	4	1,800	200	200	50	1,350	4			2	740
16	Lumber, planing mill products, including sash, doors, and blinds.	3	96,100	16,400	21,000	14,100	44,600	2	11	9,050	62	40,230
17	Malt	3	584,660	158,000	170,000	50,660	206,000	3	4	7,526	30	17,054
18	Masonry, brick and stone	4	2,800	900		500	1,400	4			25	21,400
19	Millinery, custom work	8	7,360			460	6,900	8	9	3,090	40	15,540
20	Painting, house, sign, etc	9	2,299			745	1,554	13			13	5,090
21	Photography	5	3,825			2,225	1,600	5			5	1,200
22	Plumbing, and gas and steam fitting	7	6,295			1,155	5,140	9	3	1,646	29	15,559
23	Printing and publishing, book and job	3	11,535			9,000	2,535	7			15	4,806
24	Printing and publishing, newspapers and periodicals.	3	138,400	15,000	21,000	57,000	45,400		5	4,880	107	40,154
25	Roofing and roofing materials	5	15,275	2,000	1,000	4,975	7,300	6	2	1,040	16	8,037
26	Saddlery and harness	6	6,765	1,810	3,000	265	1,690	6			5	2,371
27	Safes and vaults	3	1,947,444	94,000	291,740	739,414	822,290		22	45,924	509	252,138
28	Tinsmithing, coppersmithing, and sheet-iron working.	5	263,780	10,200	52,100	86,605	114,875	4	11	20,020	340	99,970
29	Tobacco, cigars and cigarettes	12	11,390	700	1,200	1,115	8,375	13			22	10,242
30	Watch, clock, and jewelry repairing	4	5,950			525	5,425	4			4	2,436
31	All other industries[1]	37	2,361,826	128,576	345,800	591,037	1,296,413	29	96	115,877	1,820	449,880

[1] Embraces agricultural implements, 2; boots and shoes, factory product, 1; brass castings and brass finishing, 1; brick and tile, 1; brooms and brushes, 1; carpets, rag, 2; clothing, men's, factory product, 1; electroplating, 1; food preparations, 1; fruits and vegetables, canning and preserving, 1; gas, illuminating and heating, 2; hardware, 1; hosiery and knit goods, 1; lock and gun smithing, 1; marble and stone work, 1; mattresses and spring beds, 1; mineral and soda waters, 1; models

BY SPECIFIED INDUSTRIES: 1900—Continued.

DAYTON—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
9	$3,948	32	$6,624			$45,288	$2,528	$1,030	$41,730		$54,412	$53,832	$580	$215,999	47
71	30,834					1,903	265	135	1,503		40,286	40,058	228	90,104	48
7	3,582	2	400	2	$438	4,768	3,343	101	1,319	$5	8,091	7,952	139	28,575	49
35	18,673					984	510	93	381		25,754	25,742	12	64,212	50
157	88,086			1	110	12,538	6,464	1,254	4,820		210,289	208,943	1,346	409,896	51
142	73,508	40	11,322	4	670	55,415	9,546	1,159	27,861	16,849	173,335	169,988	3,347	431,840	52
218	125,815	55	12,070	3	235	43,651	4,272	3,372	27,903	8,104	146,234	140,933	5,301	486,639	53
1,465	983,778	178	63,616			841,758	754	7,116	833,888		647,858	632,940	14,918	4,927,261	54
14	7,596			1	80	1,277	924	60	293		23,997	23,759	238	45,340	55
25	12,488	2	404			3,783	2,664	438	681		24,724	24,425	299	56,732	56
144	74,061					9,967	490	2,203	7,274		898,963	889,910	9,053	1,031,575	57
52	24,541	18	2,603	22	3,760	100,440	840	2,971	96,629		290,906	287,163	3,743	643,458	58
95	49,466	4	1,000	4	600	11,819	4,333	1,079	6,407		124,592	123,209	1,383	232,108	59
343	162,915	741	271,314	14	1,560	215,642	9,920	2,124	203,598		420,194	417,773	2,421	1,285,400	60
226	70,621	485	105,808	10	900	26,085	2,968	3,696	16,421	3,000	605,747	604,233	1,514	886,764	61
6	7,000	1	260			2,618	564	15	149	1,890	2,844	2,707	137	15,625	62
19	10,440	37	10,816	3	624	6,249	3,340	416	2,493		136,232	135,616	616	192,100	63
16	10,021			1	108	3,276	2,879	122	275		5,194	4,800	394	30,114	64
3,540	1,752,631	397	77,885	42	7,928	358,560	25,539	42,797	238,924	51,300	4,819,551	4,741,585	77,966	8,201,681	65

forgings, 1; jewelry, 2; lasts, 1; lime and cement, 1; lumber and timber products, 2; mattresses and spring beds, 2; mucilage and paste, 2; oil, lard, 1; oil, linseed, 1; paper goods, not elsewhere specified, 2; photolithographing and photoengraving, 2; pickles, preserves, and sauces, 1; plumbers' supplies, 1; pottery, terra cotta, and fire-clay products, 1; pumps, not including steam pumps, 2; saws, 1; scales and balances, 1; screws, wood, 1; sewing machine repairing, 1; sewing machines and attachments, 1; shirts, 2; slaughtering, wholesale, not including meat packing, 1; stationery goods, not elsewhere specified, 1; stencils and brands, 2; tobacco, chewing, smoking, and snuff, 1; toys and games, 2; trunks and valises, 1; varnish, 2; vault lights and ventilators, 1; wirework, including wire rope and cable, 1; wood, turned and carved, 1; woodenware, not elsewhere specified, 1.

HAMILTON.

5,027	$2,445,121	758	$171,649	65	$9,314	$803,481	$30,104	$43,549	$729,228	$600	$5,535,568	$5,388,146	$147,422	$12,003,316	1
1	390					295	250	19	26		1,778	1,778		4,425	2
17	9,445			1	176	1,970	1,622	66	282		6,455	6,097	358	31,490	3
5	2,235					1,152	912	105	135		3,459	3,459		13,112	4
29	14,843	4	884			3,458	2,320	458	680		52,606	51,373	1,233	94,950	5
70	43,128					1,757	100	485	1,172		73,091	73,091		132,638	6
30	11,800					1,110		260	850		17,908	17,233	675	38,300	7
156	72,659	13	3,500	9	1,600	39,106	408	1,208	37,490		211,772	209,954	1,818	570,334	8
36	17,696	14	4,492			5,146	3,229	447	870	600	38,886	38,696	190	93,810	9
1	300	2	400			1,056	850	26	180		4,470	4,404	66	10,000	10
36	21,442					5,630	900	530	4,200		496,900	491,180	5,720	582,638	11
2,685	1,321,382	3	824	12	1,780	196,429	1,510	17,491	177,428		1,333,034	1,289,926	43,108	3,945,570	12
3	1,400					635	520	80	35		1,875	1,830	45	7,725	13
178	108,861					362,339		5,604	356,735		191,759	164,772	26,987	795,284	14
2	740					356	289	12	55		3,315	3,315		5,625	15
62	40,230					2,432		550	1,882		47,336	45,924	1,412	115,500	16
30	17,054					10,867	1,713	1,576	7,578		207,417	198,990	8,427	255,860	17
25	21,400					40		15	25		5,523	5,523		32,075	18
		40	15,540			2,758	1,540	108	1,110		29,025	28,966	59	67,450	19
13	5,090					352	330		22		4,929	4,929		17,550	20
		5	1,200			1,682	1,452	30	200		2,705	2,705		11,600	21
29	15,559					1,869	970	50	849		17,520	17,459	61	45,710	22
6	3,000	8	1,606	1	200	1,074	416	62	596		7,475	7,120	355	20,950	23
42	25,520	53	13,634	12	1,000	5,144	1,260	466	3,418		26,741	25,643	1,098	94,850	24
16	8,037					2,505	1,750	245	510		17,204	17,071	133	35,600	25
5	2,371					993	838	147	8		4,182	4,180	2	10,675	26
501	250,682			8	1,456	24,345		4,299	20,046		473,538	464,873	8,665	962,907	27
181	66,970	159	33,000			9,722	510	1,439	7,773		452,703	447,795	4,908	616,804	28
20	10,032			2	210	6,479	1,438	98	4,943		15,602	15,564	38	42,224	29
4	2,436					936	615	75	246		951	908	43	7,250	30
843	350,419	457	96,569	20	2,892	111,844	4,362	7,598	99,884		1,785,409	1,743,388	42,021	3,340,410	31

and patterns, 2; monuments and tombstones, 1; paints, 1; paper and wood pulp, 2; paper goods, not elsewhere specified, 1; patent medicines and compounds, 1; paving and paving materials, 2; plastering and stuccowork, 2; plumbers' supplies, 1; pottery, terra cotta, and fire-clay products, 1; tobacco, stemming and rehandling, 1; tools, not elsewhere specified, 1; wirework, including wire rope and cable, 1.

TABLE 8.—MANUFACTURES IN CITIES

LIMA.

	Manufacturing and mechanical industries.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
1	All industries	195	$5,487,584	$302,106	$711,657	$2,270,923	$2,202,898	230	208	$166,716	2,223	$1,050,780
2	Bicycle and tricycle repairing	7	4,225		500	1,975	1,750	7			4	1,221
3	Blacksmithing and wheelwrighting	15	8,577	2,500	2,450	1,480	2,147	22			14	7,167
4	Boots and shoes, custom work and repairing.	13	2,820		140	1,720	960	13			6	3,000
5	Bread and other bakery products	8	14,175	6,500	2,500	2,275	2,900	8	4	1,460	18	8,008
6	Carpentering	8	14,800	200	305	1,730	12,565	11			27	13,178
7	Clothing, men's, custom work and repairing.	13	24,825		125	1,430	23,270	15	5	4,016	80	31,297
8	Confectionery	4	30,800		3,500	7,150	20,150	3	14	8,981	33	8,877
9	Flouring and grist mill products	4	50,750	11,050	15,250	10,925	13,525	4	4	3,449	15	6,500
10	Foundry and machine shop products	6	456,459	23,800	113,530	83,108	236,021	9	15	13,502	225	131,595
11	Furniture, cabinetmaking, repairing, and upholstering.	5	1,707			832	875	6			2	690
12	Lumber, planing mill products, including sash, doors, and blinds.	3	19,800	10,500	3,500	5,200	600	4			8	3,480
13	Millinery, custom work	7	21,055			155	20,900	8	12	2,484	16	4,098
14	Photography	5	3,575		300	2,385	890	7			4	1,742
15	Plumbing, and gas and steam fitting	7	6,100			950	5,150	8	4	1,128	26	14,770
16	Printing and publishing, book and job	3	8,200			6,400	1,800	4			4	1,186
17	Printing and publishing, newspapers and periodicals.	6	88,200	5,000	20,000	55,000	8,200	6	17	13,472	57	23,496
18	Roofing and roofing materials	3	5,500	3,100	500	850	1,050	3			4	2,392
19	Saddlery and harness	5	7,250	1,000	1,300	450	4,500	6	1	312	10	3,984
20	Tinsmithing, coppersmithing, and sheet-iron working.	8	12,350	500	50	4,550	7,250	11	1	468	30	13,887
21	Tobacco, cigars and cigarettes	7	88,191	600	2,100	2,522	82,969	9	11	15,580	320	88,925
22	Tools, not elsewhere specified	3	30,250	1,750	2,500	8,000	18,000	2	1	1,200	26	18,984
23	Watch, clock, and jewelry repairing	9	3,975			2,125	1,850	12			5	2,370
24	All other industries[1]	46	4,584,000	235,606	543,107	2,069,711	1,735,576	52	119	100,664	1,284	659,933

[1] Embraces awnings, tents, and sails, 1; bottling, 2; boxes, cigar, 1; brass castings and brass finishing, 1; brick and tile, 2; carriages and wagons, 2; cars and general shop construction and repairs by steam railroad companies, 2; clothing, men's, factory product, 1; clothing, women's, dressmaking, 2; cutlery and edge tools, 1; dyeing and cleaning, 1; explosives, 1; furniture, factory product, 2; gas, illuminating and heating, 1; iron and steel, 1; ironwork, architectural and ornamental, 1; leather, tanned, curried, and finished, 1; liquors, malt, 1; lock and gun smithing, 1; lumber and timber products, 2; marble and stone work, 1; masonry,

SPRINGFIELD.

1	All industries	305	$14,091,175	$636,895	$1,539,570	$2,034,378	$9,880,332	300	1,818	$1,113,810	6,638	$3,160,119
2	Agricultural implements	7	8,194,543	232,122	640,352	332,317	6,989,752		397	689,616	2,359	1,174,545
3	Bicycle and tricycle repairing	5	11,225	3,000	2,000	1,450	4,775	5			6	3,436
4	Blacksmithing and wheelwrighting	27	11,465	2,250	3,410	2,865	2,940	33			14	6,638
5	Boots and shoes, custom work and repairing.	15	4,712	900	950	1,252	1,610	19			11	4,340
6	Bread and other bakery products	22	93,182	20,950	27,050	23,295	21,887	23	15	7,532	48	21,897
7	Carpentering	5	14,695	5,000	3,050	5,600	1,045	5			21	11,880
8	Carriages and wagons	5	6,015	100	100	2,215	3,600	8			22	9,564
9	Clothing, men's, custom work and repairing.	16	36,813			1,688	35,125	20	3	1,362	92	37,245
10	Clothing, women's, dressmaking	5	3,285			1,735	1,550	5			16	2,700
11	Coffins, burial cases, and undertakers' goods.	3	209,491	3,000	12,708	35,255	158,528	2	23	21,316	197	64,768
12	Confectionery	7	31,258			4,290	26,968	9	1	84	22	8,748
13	Dyeing and cleaning	5	7,625	1,500	1,300	1,635	3,190	5			17	4,270
14	Foundry and machine shop products	30	2,772,036	132,006	462,740	721,792	1,455,498	14	137	160,262	2,197	1,084,681
15	Millinery, custom work	9	17,670	1,000	500	295	15,875	10	14	2,300	26	6,005
16	Models and patterns	4	5,600		800	2,550	2,250	9			17	9,208
17	Painting, house, sign, etc	3	13,780	4,200	3,874	420	5,286	2	5	3,042	23	11,963
18	Patent medicines and compounds	6	125,131	7,000	5,000	11,477	101,654	5	33	37,576	16	6,442
19	Photography	7	5,900			4,875	1,025	8	1	250	7	2,500
20	Plumbing, and gas and steam fitting	5	52,756	7,500	200	3,627	41,429	9	6	4,484	47	20,395
21	Printing and publishing, book and job	8	87,140	16,000	6,000	44,634	20,506	9	6	6,250	106	44,591
22	Printing and publishing, newspapers and periodicals.	7	478,305	11,700	87,300	210,262	169,043	1	45	60,449	362	164,375
23	Pumps, not including steam pumps	3	1,175			325	850	3			4	1,350
24	Saddlery and harness	4	12,290			400	11,890	4	2	1,800	13	6,090
25	Tinsmithing, coppersmithing, and sheet-iron working.	11	44,300	17,800	8,400	4,800	13,300	10	2	1,272	22	12,102
26	Tobacco, cigars and cigarettes	11	11,110			1,610	9,500	14	1	600	33	13,875
27	Watch, clock, and jewelry repairing	9	7,200	400	375	3,675	2,750	9			9	5,450
28	All other industries[1]	66	1,832,473	170,467	273,461	610,039	778,506	59	122	115,115	931	421,061

[1] Embraces awnings, tents, and sails, 1; bicycles and tricycles, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 2; boxes, cigar, 1; boxes, fancy and paper, 2; brass castings and brass finishing, 2; brick and tile, 2; brooms and brushes, 2; carpets, rag, 2; carriage and wagon materials, 1; cars and general shop construction and repairs by steam railroad companies, 1; chemicals, 1; electroplating, 1; fancy articles, not elsewhere specified, 1; fertilizers, 1; files, 1; flouring and grist mill products, 2, food preparations, 1; furnishing goods, men's, 1; furniture, cabinetmaking, repairing, and upholstering, 1; furniture, factory product, 2; gas and oil stoves, 1; gas, illuminating and heating, 1; grindstones, 1; hardware, 1; ice, manufactured, 1; iron and steel, nails and spikes, cut

BY SPECIFIED INDUSTRIES: 1900—Continued.

LIMA.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
1,838	$970,530	334	$80,073	1	$177	$277,408	$32,167	$18,663	$180,647	$45,931	$4,156,028	$4,008,348	$147,680	$6,705,136	1
4	1,221					1,059	656	23	380		4,249	4,132	117	10,197	2
14	7,167					1,596	1,227	50	309	10	8,328	7,826	502	31,716	3
6	3,000					1,324	1,083	5	233		5,807	5,736	71	16,362	4
15	7,072	3	936			3,107	1,938	118	1,051		24,913	23,997	916	47,881	5
27	13,178					12,094	242	23	154	11,675	26,362	26,242	120	59,815	6
32	19,334	48	11,963			5,218	3,972	292	954		24,708	24,328	380	83,885	7
13	4,700	24	4,000	1	177	3,481	1,480	175	1,826		52,095	51,399	696	86,620	8
15	6,500					2,994	300	461	2,233		163,954	162,494	1,460	184,742	9
225	131,595					12,663	276	2,808	9,570	9	142,549	136,880	5,669	396,923	10
2	690					1,074	832	12	230		2,393	2,358	35	6,900	11
8	3,480					442	120	210	112		3,932	3,487	445	11,200	12
		16	4,098			5,099	2,855	369	1,875		38,954	38,954		57,305	13
3	1,342	1	400			1,824	1,086	15	598	125	4,997	4,992	5	13,840	14
26	14,770					1,849	1,500	68	281		28,982	28,852	130	54,518	15
3	1,006	1	180			1,153	600	20	533		4,535	4,355	180	12,450	16
51	21,702	6	1,794			13,016	5,030	734	6,937	315	20,870	19,916	954	90,450	17
4	2,392					311	60	78	173		6,985	6,930	55	12,975	18
10	3,984					1,534	819	116	599		7,158	7,128	30	15,821	19
30	13,887					2,526	1,806	143	1,077		32,511	32,069	442	59,702	20
75	41,780	245	47,145			46,160	1,178	305	44,677		138,824	138,767	57	306,699	21
26	18,984					1,105	405	376	324		25,320	21,810	3,510	74,000	22
5	2,370					1,699	1,007	10	332	350	2,419	2,374	45	10,359	23
1,244	650,376	40	9,557			156,080	4,195	12,249	106,189	33,447	3,385,183	3,253,322	131,861	5,060,776	24

brick and stone, 1; mattresses and spring beds, 1; mineral and soda waters, 2; monuments and tombstones, 1; painting, house, sign, etc., 2; paper and wood pulp, 1; patent medicines and compounds, 1; paving and paving materials, 2; petroleum, refining, 1; plated and britannia ware, 1; shirts, 1; slaughtering and meat packing, wholesale, 1; taxidermy, 1; wood, turned and carved, 2.

SPRINGFIELD.

6,119	$3,041,460	496	$115,055	23	$3,604	$1,286,798	$55,322	$78,470	$1,129,968	$23,038	$5,569,261	$5,425,089	$144,172	$12,777,173	1
2,317	1,160,320	42	14,225			585,962		45,162	540,800		2,222,540	2,178,093	44,447	5,272,636	2
6	3,436					1,004	400	259	345		5,607	5,521	86	14,565	3
14	6,638					2,382	2,188	65	129		8,364	7,389	975	39,937	4
11	4,340					821	721	22	78		4,614	4,512	102	17,107	5
43	20,847	5	1,050			7,943	3,241	639	4,063		78,935	75,646	3,289	150,419	6
21	11,880					12,222	118	100	6,004	6,000	17,654	17,236	418	67,320	7
22	9,564					2,209	2,068	101	40		9,741	9,460	281	29,487	8
44	23,760	48	13,485			9,841	5,110	300	3,096	1,335	41,527	41,217	310	117,675	9
		16	2,700			985	882	9	94		2,074	1,968	106	9,150	10
158	57,961	39	6,807			21,881	1,576	615	19,690		164,299	163,384	915	303,754	11
16	7,548	6	1,200			3,759	1,958	117	1,684		23,838	22,954	884	59,595	12
7	2,920	10	1,350			674	576	10	88		978	852	126	10,450	13
2,175	1,079,312	12	8,175	10	2,194	249,080	8,435	10,559	220,271	9,815	1,205,057	1,154,001	51,056	3,097,910	14
		26	6,005			4,780	3,516	193	1,071		25,064	24,889	175	51,920	15
17	9,208					522	370	52	100		1,277	1,018	259	14,850	16
23	11,963					1,503	240	54	1,209		9,023	8,932	91	32,350	17
10	5,220	6	1,222			18,085	913	679	16,493		32,325	31,457	868	121,554	18
3	1,400	4	1,100			2,511	1,827	35	649		8,929	8,766	163	24,330	19
47	20,395					6,237	1,840	643	3,754		95,904	95,577	327	128,758	20
83	38,221	23	6,370			4,606	1,297	862	2,447		61,571	60,151	1,420	130,239	21
245	135,249	115	28,866	2	260	146,555	3,656	1,984	140,915		274,808	271,640	3,168	714,214	22
4	1,350					585	522	8	55		962	932	30	4,275	23
13	6,090					1,606	1,200	206	200		16,597	16,527	70	27,900	24
22	12,102					2,076	1,600	227	249		24,591	24,034	557	53,825	25
26	12,640	7	1,235			9,920	1,211	50	8,659		32,217	31,962	255	69,446	26
9	5,450					1,319	860	61	398		2,689	2,623	66	15,500	27
783	393,646	137	26,265	11	1,150	187,730	8,997	15,458	157,387	5,888	1,198,076	1,164,348	33,728	2,198,007	28

and wrought, including wire nails, 1; ironwork, architectural and ornamental, 1; leather, tanned, curried, and finished, 1; lime and cement, 2; liquors, malt, 1; lock and gun smithing, 2; looking-glass and picture frames, 2; lumber, planing mill products, including, sash, doors, and blinds, 2; marble and stone work, 1; mattresses and spring beds, 2; mineral and soda waters, 1; monuments and tombstones, 2; optical goods, 1; paper hanging, 2; photolithographing and photoengraving, 1; plastering and stuccowork, 1; roofing and roofing materials, 1; soap and candles, 1; steam fittings and heating apparatus, 1; stencils and brands, 1; sugar and molasses, refining, 1; washing machines and clothes wringers, 1; windmills, 1; wirework, including wire rope and cable, 1.

TABLE 8.—MANUFACTURES IN CITIES

TOLEDO.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	1,050	$25,591,916	$2,180,994	$4,570,338	$6,653,454	$12,187,130	1,114	1,278	$1,224,281	15,383	$6,845,687
2	Awnings, tents, and sails	4	88,360	25,000	20,000	13,200	30,160	3	9	6,200	45	15,230
3	Baskets, and rattan and willow ware	3	3,800	1,100	800	1,200	700	3			14	6,008
4	Bicycle and tricycle repairing	25	20,982		100	4,530	16,352	32	1	216	20	7,015
5	Bicycles and tricycles	7	1,526,993	36,037	203,274	608,165	679,517	2	44	48,878	912	416,119
6	Blacksmithing and wheelwrighting	55	88,700	32,650	26,640	9,740	19,670	66	2	1,270	77	47,183
7	Bookbinding and blank book making	4	46,510			12,499	34,011	4	8	6,280	33	11,700
8	Boots and shoes, custom work and repairing.	57	26,960	9,300	9,910	3,528	4,222	55			19	8,040
9	Bottling	5	70,558	14,000	16,000	6,650	33,908	2	12	13,200	49	23,040
10	Boxes, cigar	3	11,400			7,800	3,600	4			13	3,790
11	Bread and other bakery products	46	435,037	85,050	121,550	126,781	101,656	48	30	21,516	278	132,706
12	Brick and tile	11	393,312	116,467	126,103	48,950	101,792	16	8	6,636	288	135,851
13	Bridges	4	291,100	7,000	23,000	126,100	135,000	3	12	17,200	305	160,198
14	Brooms and brushes	5	126,245	1,650	750	54,886	68,959	5	12	14,316	196	58,370
15	Carpentering	51	153,705	21,025	48,400	17,665	66,615	58	6	5,560	497	247,094
16	Carpets, rag	6	12,815	2,850	3,650	3,400	2,915	5	2	2,400	18	6,938
17	Carriage and wagon materials	6	470,229	74,200	86,500	84,203	225,326	1	26	27,119	277	96,996
18	Carriages and wagons	10	1,817,369	103,000	294,006	115,141	1,305,222	12	39	42,720	524	183,616
19	Cars and general shop construction and repairs by steam railroad companies.	8	333,111	25,225	92,175	76,631	139,080		40	31,463	606	343,048
20	Clothing, men's, custom work and repairing.	68	197,200	11,550	17,725	13,285	154,640	81	9	8,370	285	124,019
21	Clothing, men's, factory product	3	9,900			4,400	5,500	6	1	1,050	80	18,380
22	Clothing, women's, dressmaking	16	5,850			1,750	4,100	18			105	29,356
23	Clothing, women's, factory product	4	203,811			18,331	185,480	8	14	24,585	623	170,606
24	Confectionery	15	72,304	1,800	2,100	11,929	56,475	19	27	12,316	86	31,281
25	Cooperage	13	18,235	4,180	3,230	1,800	9,025	15			22	12,023
26	Dyeing and cleaning	8	10,060	2,200	1,300	4,210	2,350	9			20	10,906
27	Electrical construction and repairs	7	29,432	2,000	2,500	5,355	19,577	11	1	240	40	22,259
28	Fancy articles, not elsewhere specified	3	26,341			4,841	21,500	2	2	1,560	20	7,073
29	Flouring and grist mill products	10	1,268,370	71,250	240,240	375,869	581,011	10	20	40,148	233	123,218
30	Foundry and machine shop products	27	1,945,058	96,867	370,831	465,010	1,012,350	22	139	117,843	1,991	970,143
31	Fur goods	3	41,362			1,712	39,650	4	6	920	38	9,690
32	Furniture, cabinetmaking, repairing, and upholstering.	18	61,322	5,725	13,425	7,787	34,385	21	6	5,600	109	53,090
33	Furniture, factory product	8	359,537	36,200	62,000	90,103	171,234	11	61	36,594	342	148,233
34	Hand stamps	3	7,700			3,500	4,200	4			10	5,192
35	Hats and caps, not including fur hats and wool hats.	3	13,869			1,982	11,887	3	6	4,550	37	11,000
36	Hosiery and knit goods	3	129,001	6,600	3,400	22,361	96,640		24	22,190	214	57,649
37	Jewelry	3	5,000			1,400	3,600	4	1	400	3	2,212
38	Lime and cement	7	77,927	5,000	2,000	11,074	59,853	7	15	7,110	40	18,750
39	Liquors, malt	6	2,189,000	216,000	780,000	386,000	807,000		47	76,070	253	150,799
40	Lock and gun smithing	4	1,900			750	1,150	5				
41	Looking-glass and picture frames	5	103,441	16,500	32,500	10,350	44,091	4	8	10,450	147	47,805
42	Lumber, planing mill products, including sash, doors, and blinds.	14	653,686	101,156	108,595	122,568	321,367	8	37	32,897	364	153,253
43	Marble and stone work	6	49,200	18,000	5,000	11,900	14,300	7	1	110	34	22,910
44	Masonry, brick and stone	9	236,670	650	400	3,620	232,000	11	2	3,500	121	69,370
45	Millinery, custom work	65	121,994	7,900	8,850	13,225	92,019	68	11	7,610	214	51,336
46	Mineral and soda waters	3	27,600	5,000	7,000	7,800	7,800	6	4	2,740	24	12,500
47	Monuments and tombstones	5	60,480	9,000	3,950	6,450	41,080	6	8	6,146	36	24,758
48	Painting, house, sign, etc	42	50,250	6,715	7,050	12,863	23,622	47	4	1,780	167	90,322
49	Paints	4	216,047	11,302	12,200	21,187	171,358	8	21	17,761	28	12,891
50	Paper hanging	8	26,150			1,400	24,750	7	7	4,240	28	16,260
51	Patent medicines and compounds	7	166,593	27,000	51,700	3,025	84,868	6	13	10,388	42	13,478
52	Paving and paving materials	10	198,778	19,700	32,215	56,127	90,736	11	10	9,450	243	109,557
53	Petroleum, refining	3	886,735	53,277	184,045	215,230	434,183		27	33,174	96	55,163
54	Photography	18	23,890		300	17,915	5,675	21	2	510	21	8,042
55	Plumbing, and gas and steam fitting	38	194,054	5,300	9,900	32,465	146,389	57	28	16,439	182	117,689
56	Printing and publishing, book and job	24	248,690	15,000	16,000	160,725	56,965	27	36	23,257	208	96,746
57	Printing and publishing, newspapers and periodicals.	14	431,798	500	2,000	302,450	126,848	8	68	54,263	319	197,352
58	Pumps, not including steam pumps	3	68,145		150	2,500	65,495	2	11	10,047	26	9,500
59	Roofing and roofing materials	4	36,748	5,000	5,000	6,176	20,572	4	5	2,872	32	15,400
60	Saddlery and harness	9	49,435	8,600	625	6,635	38,575	11	2	1,500	33	15,880
61	Ship and boat building, wooden	4	64,505	43,000	1,900	8,450	11,155	6			53	25,694
62	Tinsmithing, coppersmithing, and sheet-iron working.	51	599,257	33,040	71,600	111,021	383,596	59	41	42,964	641	237,399
63	Tobacco, cigars and cigarettes	50	75,570	14,425	12,825	3,941	44,379	52	5	3,040	127	57,743
64	Trunks and valises	3	34,800	1,200	2,000	2,950	28,650	5	11	9,200	52	20,280

BY SPECIFIED INDUSTRIES: 1900—Continued.

TOLEDO.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
12,717	$6,240,139	2,404	$551,721	262	$53,827	$3,068,389	$259,845	$153,514	$2,490,855	$164,175	$21,986,798	$21,477,275	$509,523	$37,372,355	1
17	8,088	28	7,142			8,366	1,008	290	7,068		71,929	71,304	625	111,884	2
11	5,008	3	1,000			291	72	16	203		1,400	1,310	90	9,566	3
20	7,015					3,809	2,379	33	806		21,026	20,662	364	49,151	4
905	414,519	7	1,600			77,954	3,348	4,284	70,322		891,970	862,203	29,767	1,583,450	5
77	47,183					8,100	5,229	876	1,995		36,684	34,421	2,263	148,563	6
17	8,494	14	2,894	2	312	6,515	1,555	83	4,877		22,782	22,297	485	64,116	7
18	7,830	1	210			4,926	4,120	375	431		17,318	16,738	580	56,348	8
49	23,040					15,112	600	876	13,636		92,640	91,610	1,030	224,360	9
7	2,380	6	1,410			1,055	730	85	240		12,258	11,932	326	21,710	10
216	121,701	61	10,875	1	130	56,112	10,374	3,335	42,403		475,492	464,310	11,182	807,575	11
282	134,566			6	1,285	22,271	2,000	2,468	17,803		52,846	8,827	44,019	279,152	12
305	160,198					13,815		1,350	12,465		284,691	280,591	4,100	562,257	13
114	42,350	82	16,020			9,415	4,167	1,623	3,625		112,297	109,752	2,545	217,399	14
497	247,094					70,571	2,956	1,255	8,360	58,000	821,147	820,457	690	1,273,178	15
10	5,122	8	1,816			1,513	140	105	1,268		3,684	3,301	383	21,169	16
273	96,152	4	844			28,066	285	3,047	24,734		257,592	252,826	4,766	461,136	17
521	182,686	3	930			86,117	3,200	9,155	73,762		559,672	549,026	10,646	918,203	18
606	343,048					6,578	250	2,651	3,677		478,725	467,922	10,803	865,605	19
226	106,145	58	17,744	1	130	35,382	22,754	1,398	9,560	1,670	148,296	146,898	1,398	413,651	20
6	2,800	74	15,580			1,153	769	99	285		40,295	39,645	650	67,400	21
14	9,060	91	20,296			5,935	4,323	53	1,459	100	17,438	16,975	463	69,400	22
131	70,000	492	100,606			30,795	6,180	799	23,816		483,360	481,115	2,245	941,918	23
44	21,888	41	9,293	1	100	20,235	11,050	529	8,656		165,963	163,577	2,386	290,412	24
22	12,023					739	251	126	362		33,426	33,351	75	63,575	25
12	7,572	8	3,334			5,766	3,367	131	2,168	100	12,940	12,154	786	39,700	26
38	21,071	2	1,188			3,798	2,268	144	1,386		69,837	69,472	365	119,850	27
7	2,475	13	4,598			3,775	1,820	80	1,875		16,805	16,295	510	37,028	28
230	122,618	3	600			100,918	2,272	6,948	91,698		4,033,921	4,009,080	24,841	4,458,749	29
1,990	969,987			1	156	243,170	17,638	12,154	208,178	5,200	1,130,157	1,053,260	76,897	2,715,613	30
7	3,490	31	6,200			4,576	3,416	110	1,050		24,253	24,203	50	51,991	31
94	48,940	15	4,150			6,156	3,610	651	1,895		98,810	98,430	380	202,825	32
330	144,697			12	3,536	50,166	4,425	3,222	42,469	50	129,065	123,910	5,155	418,337	33
9	4,932	1	260			1,480	836	19	625		2,360	2,220	140	13,025	34
20	6,900	17	4,100			1,278	636	52	590		30,185	29,842	343	47,116	35
4	2,268	208	54,981	2	400	15,270	2,250	868	12,152		66,136	65,014	1,122	172,700	36
2	2,160			1	52	1,797	925	47	225	600	4,413	4,376	37	12,893	37
33	17,350	7	1,400			13,369	2,516	569	10,084	200	64,651	63,021	1,630	128,580	38
250	150,199	3	600			688,252		21,498	666,754		329,605	296,269	33,336	1,458,593	39
						484	464	1	19		505	424	81	3,700	40
122	40,605	25	7,200			8,318	1,010	1,033	6,275		38,249	37,374	875	114,600	41
364	153,253					41,474	3,388	7,037	31,049		1,057,550	1,055,831	1,719	1,376,149	42
34	22,910					3,398	2,140	586	672		25,872	24,197	1,675	64,648	43
121	69,370					95,588	400	153	5,035	90,000	118,815	118,490	325	343,600	44
3	830	211	50,506			32,181	22,734	970	8,477		144,047	142,586	1,461	305,419	45
23	12,000	1	500			6,219	720	297	5,202		25,214	24,537	677	58,207	46
36	24,758					10,146	60	387	8,199	1,500	30,565	29,933	632	83,347	47
166	90,192			1	130	11,617	5,533	377	5,707		57,076	56,797	279	208,911	48
26	12,423	2	468			16,268	1,400	555	14,313		119,945	118,220	1,725	196,038	49
28	16,260					3,923	2,376	182	1,365		31,225	31,140	85	75,436	50
17	6,844	25	6,634			219,127	2,360	986	215,781		85,192	84,420	772	436,350	51
243	109,557					7,463	120	623	6,720		166,925	163,792	3,133	349,917	52
96	55,163					73,735		3,494	69,841	400	1,047,942	995,654	52,288	1,392,745	53
16	6,911	4	906	1	225	8,360	6,110	210	1,965	75	12,733	12,237	496	52,014	54
179	116,869	3	820			22,841	12,089	1,005	8,747	1,000	319,479	317,829	1,650	577,433	55
170	87,259	37	9,357	1	130	30,551	9,569	1,493	19,189	300	120,109	115,747	4,362	337,239	56
287	187,891	31	9,357	1	104	60,040	9,350	1,514	44,471	4,705	145,164	138,229	6,935	580,512	57
26	9,500					3,039	1,030	184	1,825		51,345	51,325	20	87,392	58
32	15,400					3,456	404	82	2,970		31,966	31,466	500	64,889	59
33	15,880					4,829	2,994	337	1,498		36,910	36,375	535	74,245	60
53	25,694					494	30	44	145	275	24,742	24,310	432	65,950	61
407	190,651	158	32,446	76	14,302	31,354	8,690	3,457	19,207		927,972	920,829	7,143	1,435,089	62
110	53,297	17	4,446			31,656	3,907	417	27,332		74,274	73,874	400	211,235	63
55	18,950	5	1,070	2	260	9,415	1,050	395	7,970		53,280	52,970	310	98,500	64

TABLE 8.—MANUFACTURES IN CITIES

TOLEDO—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
65	Watch, clock, and jewelry repairing	23	$15,985	$2,500	$2,150	$5,500	$5,835	22	2	$1,500	19	$12,536
66	Wirework, including wire rope and cable.	4	11,554		500	6,611	4,443	3	4	2,160	10	3,222
67	Wood, turned and carved	3	3,550		1,200	1,450	900	3			4	1,780
68	All other industries[1]	79	8,345,946	767,303	1,419,074	2,744,402	3,415,167	71	280	311,763	3,380	1,468,000

[1] Embraces agricultural implements, 1; artificial limbs, 1; billiard tables and materials, 1; boxes, fancy and paper, 2; boxes, wooden packing, 2; brass castings and brass finishing, 2; carriages and sleds, children's, 2; cars and general shop construction and repairs by street railroad companies, 1; cars, steam railroad, not including operations of railroad companies, 1; cheese and butter, urban dairy product, 1; cheese, butter, and condensed milk, factory product, 1; coffee and spice, roasting and grinding, 2; corsets, 2; cutlery and edge tools, 1; drug grinding, 1; electrical apparatus and supplies, 1; electroplating, 1; engraving and diesinking, 1; engraving, wood, 1; fertilizers, 1; flavoring extracts, 1; food preparations, 1; gas and lamp fixtures, 1; gas, illuminating and heating, 2; glass, 2; gloves and mittens, 1; horseshoes, factory product, 1; instruments, professional and scientific, 2; iron and steel, 1; iron and steel, pipe, wrought, 1; ironwork, architectural

YOUNGSTOWN.

1	All industries	260	$22,360,097	$1,634,360	$3,081,032	$10,834,301	$6,810,404	253	434	$492,823	9,150	$4,951,460
2	Bicycle and tricycle repairing	6	5,425		100	2,500	2,825	8			6	2,785
3	Blacksmithing and wheelwrighting	20	26,052	11,550	5,440	2,020	7,042	25			23	13,778
4	Boots and shoes, custom work and repairing.	12	3,918	1,400	426	1,200	892	12			8	1,475
5	Bread and other bakery products	10	50,690	25,500	10,400	2,680	12,110	12			36	17,430
6	Carriages and wagons	7	163,835	28,400	42,250	20,810	72,375	8	13	14,960	82	38,144
7	Clothing, men's, custom work and repairing.	21	44,657		2,500	3,213	38,944	22	3	2,450	106	51,838
8	Clothing, women's, dressmaking	3	700			375	325	4			7	1,475
9	Confectionery	4	7,045		100	4,500	2,445	4	2	1,040	12	4,537
10	Dyeing and cleaning	3	9,050	2,000	2,000	4,400	650	3			7	2,760
11	Foundry and machine shop products	12	1,460,340	138,125	244,716	503,280	574,219	4	65	74,341	789	430,828
12	Furniture, cabinetmaking, repairing, and upholstering.	3	2,030		400	630	1,000	4			4	2,100
13	Iron and steel	11	17,541,854	1,105,000	2,240,000	9,319,500	4,877,354		224	268,096	6,644	3,717,366
14	Looking-glass and picture frames	5	11,340	5,000	2,100	590	3,650	6			4	1,800
15	Lumber, planing mill products, including sash, doors, and blinds.	7	303,795	44,200	28,867	27,419	203,309	10	17	14,862	175	85,066
16	Millinery, custom work	15	29,465	2,000	3,500	1,040	22,925	18	1	900	69	15,102
17	Mineral and soda waters	4	8,350	1,625	2,000	2,500	2,225	3	1	150	10	3,700
18	Painting, house, sign, etc	10	3,460		150	1,300	2,010	12			31	16,817
19	Paving and paving materials	3	14,850	1,500	350	6,776	6,224	5	2	1,200	14	8,987
20	Photography	6	6,525		2,000	2,400	2,125	8			7	3,842
21	Plumbing, and gas and steam fitting	5	70,050	17,500	10,500	4,350	37,700	6	5	4,164	70	36,702
22	Printing and publishing, book and job	4	44,685			17,650	27,035	3	5	4,700	16	8,180
23	Printing and publishing, newspapers and periodicals.	4	133,200	10,000	30,000	63,843	29,357	2	12	12,100	90	58,550
24	Roofing and roofing materials	11	67,225	3,500	9,300	19,500	34,925	10	6	6,600	58	29,462
25	Saddlery and harness	5	16,325	3,500	2,200	1,850	8,775	4	2	1,100	14	8,370
26	Tinsmithing, coppersmithing, and sheet-iron working.	6	40,641	3,000	3,431	15,892	18,318	5	5	5,520	53	16,378
27	Tobacco, cigars and cigarettes	9	15,455	500	500	605	13,850	11			24	12,519
28	Watch, clock, and jewelry repairing	11	5,911			3,660	2,251	8			10	5,235
29	All other industries[1]	42	2,273,224	230,060	437,802	799,818	805,544	36	71	80,640	786	356,234

[1] Embraces bookbinding and blank book making, 1; bottling, 1; brass castings and brass finishing, 1; brick and tile, 1; brooms and brushes, 1; carpentering, 2; cars and general shop construction and repairs by steam railroad companies, 2; cars, steam railroad, not including operations of railroad companies, 1; china decorating, 1; clothing, men's, factory product, 1; cooperage, 2; electrical apparatus and supplies, 2; flouring and grist mill products, 1; food preparations, 1; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; ice, manufactured, 1; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel,

ZANESVILLE.

1	All industries	293	$5,162,067	$423,530	$1,016,554	$1,172,137	$2,549,846	336	424	$319,864	4,603	$1,786,005
2	Bicycle and tricycle repairing	3	1,005			370	635	3			4	1,375
3	Blacksmithing and wheelwrighting	15	15,789	7,470	1,625	1,992	4,702	18			18	7,380
4	Boots and shoes, custom work and repairing.	15	11,253	2,250	3,310	956	4,737	17	1	600	9	3,818
5	Bread and other bakery products	6	275,740	11,800	7,900	196,794	59,246	6	24	13,569	104	34,784
6	Carpentering	16	33,918	4,325	6,950	1,370	21,273	20			60	31,463
7	Carpets, rag	4	1,552	200	400	505	447	5			3	570
8	Carriages and wagons	5	21,000	2,500	4,000	5,500	9,000	8	1	120	23	9,909
9	Cars and general shop construction and repairs by steam railroad companies.	6	97,082	9,460	43,640	19,962	24,020		11	8,782	303	157,612
10	Clothing, men's, custom work and repairing.	13	59,281	5,000	5,000	448	48,833	16	6	4,350	100	32,230
11	Clothing, women's, dressmaking	12	4,319	1,040	1,830	678	771	14			28	4,597
12	Confectionery	9	32,253	1,400	8,450	6,100	16,303	10	9	3,098	28	8,392
13	Flouring and grist mill products	7	131,791	10,626	24,590	31,300	65,275	13	4	2,225	19	10,175
14	Foundry and machine shop products	6	353,698	62,500	62,333	109,450	119,415	12	15	13,218	150	70,281
15	Furniture, cabinetmaking, repairing, and upholstering.	5	19,618	5,200	5,950	2,715	5,753	7	11	6,800	25	11,236
16	Liquors, malt	4	78,400	10,000	25,000	23,100	20,300	4	4	2,210	23	13,096

BY SPECIFIED INDUSTRIES: 1900—Continued.

TOLEDO—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
16	$11,686	3	$850			$4,882	$4,064	$241	$577		$6,396	$6,051	$345	$41,690	65
8	2,928	2	294			1,606	821	35	750		2,957	2,681	276	13,161	66
4	1,780					244	141	8	95		849	775	74	4,300	67
2,628	1,298,229	599	137,196	153	$32,575	671,085	22,581	46,007	602,497		6,113,431	5,970,586	142,845	9,321,461	68

and ornamental, 2; liquors, vinous, 2; lumber and timber products, 2; mattresses and spring beds, 2; models and patterns, 1; mucilage and paste, 1; musical instruments and materials, not specified, 2; musical instruments, pianos and materials, 1; oil, linseed, 2; oil, not elsewhere specified, 1; optical goods, 2; paper and wood pulp, 1; perfumery and cosmetics, 2; photographic materials, 1; plastering and stuccowork, 1; pottery, terra cotta, and fire-clay products, 1; rubber and elastic goods, 2; saws, 1; scales and balances, 1; shipbuilding, iron and steel, 1; show cases, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 2; stereotyping and electrotyping, 1; tobacco, chewing, smoking, and snuff, 1; tools, not elsewhere specified, 1; toys and games, 1; wheelbarrows, 1; windmills, 1; woodenware, not elsewhere specified, 1.

YOUNGSTOWN.

8,905	$4,885,779	226	$61,824	19	$3,857	$968,636	$40,806	$52,383	$868,908	$6,539	$23,541,769	$21,489,503	$2,052,266	$34,801,101	1
6	2,785					752	636	6	110		2,193	2,006	187	7,080	2
23	13,778					2,103	1,670	172	261		11,507	10,979	528	50,825	3
3	1,475					601	536	25	40		3,770	3,635	135	10,975	4
29	15,690	7	1,740			2,721	1,968	395	358		38,804	37,313	1,491	81,940	5
82	38,144					10,639	360	1,723	8,556		83,885	82,705	1,180	202,955	6
70	40,321	35	11,367	1	150	7,619	6,404	120	1,095		65,232	64,881	351	158,854	7
		7	1,475			490	444		46		660	625	35	3,950	8
9	4,037	3	500			785	620	2	163		21,111	20,437	674	41,810	9
5	1,760	2	1,000			1,002	244	58	700		1,608	1,163	445	8,420	10
789	430,828					95,375	1,435	5,380	84,560	4,000	865,825	836,582	29,243	1,800,001	11
4	2,100					667	630	5	32		2,435	2,400	35	9,315	12
6,629	3,714,304			15	3,062	634,152		28,978	605,174		19,988,613	18,028,364	1,960,249	28,203,856	13
3	1,550			1	250	1,145	775	76	294		7,019	6,962	57	16,700	14
175	85,066					9,156	700	2,694	5,762		338,077	336,150	1,927	515,437	15
		69	15,102			5,754	4,925	99	730		75,447	75,060	387	122,579	16
9	3,450			1	250	831	360	351	120		9,511	9,246	265	19,599	17
31	16,817					1,314	1,068	20	226		7,983	7,966	17	36,053	18
14	8,987					208		58	150		18,432	18,382	50	30,801	19
4	3,104	3	738			1,815	1,574	32	209		4,945	4,580	365	18,684	20
70	36,702					3,100	1,800	285	1,015		78,242	77,859	383	154,436	21
10	6,180	6	2,000			3,996	1,722	215	2,059		6,761	5,995	766	44,160	22
84	56,016	6	2,534			6,024	1,355	833	3,636	200	42,345	41,007	1,338	148,800	23
58	29,462					4,794	1,771	555	2,468		231,243	230,430	813	319,118	24
14	8,370					1,613	658	186	769		9,277	9,190	87	29,850	25
80	10,576	23	5,802			6,262	474	502	5,286		79,605	78,954	651	130,000	26
20	10,853	4	1,666			8,018	1,365	35	6,618		12,211	12,021	190	39,138	27
10	5,235					1,769	1,430	40	299		2,950	2,847	103	16,782	28
724	338,189	61	17,900	1	145	155,931	5,882	9,538	138,172	2,339	1,532,078	1,481,764	50,314	2,578,983	29

forgings, 1; iron and steel, pipe, wrought, 1; ironwork, architectural and ornamental, 1; lime and cement, 2; liquors, malt, 2; lock and gun smithing, 1; masonry, brick and stone, 2; mattresses and spring beds, 1; models and patterns, 1; monuments and tombstones, 2; musical instruments and materials, not specified, 1; photolithographing and photoengraving, 1; pottery, terra cotta, and fire-clay products, 1; printing and publishing, music, 1; tools, not elsewhere specified, 2.

ZANESVILLE.

3,590	$1,582,538	1,000	$201,505	13	$1,962	$365,338	$31,861	$39,284	$291,772	$2,421	$3,756,489	$3,511,162	$245,327	$7,468,839	1
3	1,275			1	100	931	380	47	554		1,686	1,615	71	5,262	2
18	7,380					1,312	754	163	395		8,400	7,909	491	38,900	3
9	3,818					849	603	58	188		4,708	4,581	127	17,190	4
79	30,213	25	4,571			19,249	8,660	1,150	14,439		168,383	164,964	3,419	289,405	5
60	31,463					1,621	108	111	402	1,000	113,003	112,866	137	167,293	6
1	325	2	245			247	180	4	63		1,149	1,096	53	4,098	7
23	9,909					1,099	485	122	492		8,050	7,388	662	28,520	8
303	157,612					2,776		1,812	964		313,613	309,042	4,571	482,783	9
31	15,367	69	16,863			5,983	3,329	379	1,775	500	45,680	45,368	312	115,204	10
		28	4,597			797	600	30	167		2,527	2,373	154	14,875	11
13	5,536	15	2,856			3,653	2,312	302	1,039		30,306	29,657	649	71,612	12
18	9,913	1	262			4,522	617	1,295	2,610		128,431	127,339	1,092	168,710	13
150	70,281					11,584	1,220	1,892	8,472		64,382	59,387	4,995	172,231	14
25	11,236					1,009	290	56	663		7,169	6,898	271	41,020	15
23	13,096					48,167		1,491	46,676		26,723	23,103	3,620	105,604	16

TABLE 8.—MANUFACTURES IN CITIES

ZANESVILLE—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES AND CITIES AND VILLAGES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
17	Looking-glass and picture frames	4	$1,590			$465	$1,125	6	3	$1,560	4	$1,200
18	Lumber and timber products	4	30,200	$7,400	$4,700	11,300	6,800	7	2	1,600	50	19,065
19	Lumber, planing mill products, including sash, doors, and blinds.	3	147,500	25,000	22,000	23,100	77,400		11	8,770	53	22,632
20	Masonry, brick and stone	7	52,092	2,380	2,890	16,697	30,125	12	2	475	214	114,096
21	Millinery, custom work	15	18,752	400	475	727	17,150	20	6	1,380	23	5,334
22	Painting, house, sign, etc	14	5,223			960	4,263	17	3	452	37	17,581
23	Paving and paving materials	3	131,024	24	100	45,800	85,100	3	6	9,980	119	54,125
24	Photography	4	6,050			4,400	1,650	5	2	1,120	6	2,280
25	Plastering and stuccowork	3	4,040	600	1,150	400	1,890	4			4	1,815
26	Plumbing, and gas and steam fitting	6	34,960	6,000	10,000	4,069	14,891	8	4	930	43	21,732
27	Pottery, terra cotta, and fire-clay products.	10	1,046,403	45,000	380,508	175,790	445,105	7	132	108,600	1,462	465,216
28	Printing and publishing, book and job	6	9,700			5,850	3,850	7			10	3,106
29	Printing and publishing, newspapers and periodicals.	6	135,635	14,000	19,600	61,507	40,528	6	19	10,998	96	41,569
30	Saddlery and harness	4	8,975			1,075	7,900	5	1	800	8	4,670
31	Shirts	3	17,550	800	4,000	2,500	10,250	2	6	3,720	70	13,618
32	Tinsmithing, coppersmithing, and sheet-iron working.	9	12,105	1,080	2,305	1,925	6,795	12			17	8,995
33	Tobacco, cigars and cigarettes	12	6,961	605	760	1,480	4,116	14	5	2,340	41	11,853
34	Watch, clock, and jewelry repairing	6	3,003			1,315	1,688	4			8	3,418
35	All other industries[1]	48	2,353,605	186,470	367,088	411,537	1,388,510	44	136	112,158	1,441	576,782

[1] Embraces agricultural implements, 1; bookbinding and blank book making, 1; boxes, fancy and paper, 1; boxes, wooden packing, 1; brick and tile, 2; carriage and wagon materials, 1; coffee and spice, roasting and grinding, 2; coffins, burial cases, and undertakers' goods, 1; cordage and twine, 2; dyeing and cleaning, 2; electrical construction and repairs, 1; electroplating, 1; engraving, wood, 1; flavoring extracts, 2; fruits and vegetables, canning and preserving, 1; furniture, factory product, 1; gas, illuminating and heating, 1; glass, 2; glass, cutting, staining, and ornamenting, 1; hammocks, 1; hand knit goods, 1; ice,

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and villages	7,683	$143,880,261	$10,326,391	$26,351,910	$40,452,231	$66,749,729	8,511	6,436	$6,030,459	86,859	$38,256,099
2	Alliance	145	5,804,953	344,740	1,289,654	1,402,961	2,767,598	158	136	120,703	1,749	784,989
3	Ashtabula	90	764,127	65,305	85,286	295,839	317,697	60	48	35,763	440	188,562
4	Athens	39	306,632	14,310	90,038	62,117	140,167	45	30	17,554	215	95,865
5	Barberton	27	3,366,386	443,028	561,399	765,508	1,596,451	26	65	96,423	1,115	461,082
6	Barnesville	56	503,124	31,974	126,066	97,230	247,854	68	31	22,276	418	183,033
7	Bellaire	94	3,612,811	155,545	677,319	2,134,276	645,671	97	88	114,520	2,141	923,305
8	Bellefontaine	104	620,585	69,800	106,360	192,538	251,887	119	50	35,578	713	311,942
9	Bellevue	38	661,742	29,222	81,988	69,496	481,036	37	34	37,286	301	125,986
10	Bridgeport	23	1,717,473	85,500	285,500	1,046,939	299,534	23	74	84,757	1,614	911,421
11	Bryan	59	315,671	18,148	75,225	77,899	144,399	75	10	8,392	180	73,054
12	Bucyrus	91	1,011,031	78,458	216,569	276,841	439,163	103	62	54,192	751	338,535
13	Cambridge	65	1,201,662	62,625	132,340	416,555	590,142	74	63	58,077	849	523,339
14	Canal Dover	75	1,931,838	99,673	440,395	583,861	807,909	79	62	84,215	1,507	721,242
15	Carthage	24	404,420	16,750	65,650	78,400	243,620	27	21	20,846	369	143,361
16	Celina	34	149,000	9,340	35,800	51,310	52,550	43	14	9,302	153	58,314
17	Chillicothe	115	914,447	98,690	198,510	244,956	372,291	128	75	37,368	1,223	454,644
18	Circleville	83	1,168,592	98,525	231,875	369,493	468,699	113	50	28,941	686	221,470
19	Conneaut	68	595,115	74,670	111,008	146,725	262,712	87	31	35,375	651	285,634
20	Coshocton	48	806,023	30,975	95,591	320,235	359,222	44	127	108,360	1,088	339,120
21	Cuyahoga Falls	27	906,439	68,300	111,200	447,845	279,094	32	38	42,340	522	253,292
22	Defiance	100	1,141,426	66,450	160,338	216,065	698,573	115	51	50,116	936	356,951
23	Delaware	69	566,596	38,700	74,475	216,995	236,426	82	48	36,643	655	248,446
24	Delphos	59	369,524	40,125	55,883	110,601	162,915	72	10	6,801	286	119,202
25	Dennison	33	378,143	9,926	97,710	154,287	116,220	34	57	43,641	892	524,693
26	East Liverpool	162	5,056,198	600,133	1,279,063	865,271	2,311,731	173	294	292,185	4,473	2,150,938
27	Elmwood Place	23	770,096	32,800	104,660	138,348	494,288	26	24	33,500	301	153,168
28	Elyria	76	1,778,819	81,290	262,573	468,255	966,701	69	94	89,379	968	391,841
29	Findlay	252	2,152,202	109,687	485,604	580,657	976,254	309	131	99,824	1,478	633,505
30	Fostoria	92	1,532,627	74,212	352,171	532,691	573,553	97	72	56,918	795	278,529
31	Franklin	39	448,290	93,160	98,650	129,855	126,625	39	20	19,530	296	119,118
32	Fremont	156	2,616,545	140,992	436,894	600,390	1,438,269	185	165	188,641	1,504	599,286
33	Galion	65	916,488	73,200	224,161	203,624	415,503	69	55	35,401	891	367,410
34	Gallipolis	89	491,907	47,050	74,150	124,560	246,147	91	35	24,602	458	159,479
35	Greenville	97	849,412	18,400	28,020	105,932	197,060	119	16	8,438	330	109,192
36	Hillsboro	48	331,539	20,450	44,912	74,445	191,732	49	28	29,029	293	114,135
37	Ironton	112	3,321,219	334,383	570,881	1,072,844	1,343,111	105	98	108,457	1,758	767,394
38	Jackson	43	454,008	34,839	99,050	41,545	278,574	44	14	11,365	147	60,363
39	Kent	59	723,218	29,733	227,708	216,454	249,323	60	24	18,836	945	405,237
40	Kenton	95	886,687	85,025	178,083	194,356	429,223	100	59	47,068	653	266,299
41	Lancaster	100	1,537,272	130,541	307,567	322,741	776,423	103	81	68,017	1,287	614,609
42	Lebanon	72	223,705	8,175	24,425	102,085	89,020	77	6	2,229	179	84,902
43	Leetonia	32	2,121,818	40,680	614,882	443,010	1,023,246	36	34	41,846	496	280,162
44	Lockland	56	2,313,049	349,550	644,750	442,773	875,976	51	68	89,977	596	230,750
45	Lorain	59	12,343,937	863,739	2,699,569	3,625,720	5,154,909	57	116	111,880	2,221	1,115,589
46	Mansfield	251	5,760,746	220,725	567,027	981,780	3,991,214	293	354	317,359	3,160	1,217,457

BY SPECIFIED INDUSTRIES: 1900—Continued.

ZANESVILLE—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
2	$800	2	$400			$638	$556	$29	$53		$2,950	$2,917	$33	$9,101	17
50	19,065					1,076	36	450	590		51,128	51,128		102,000	18
53	22,632					7,091	300	2,042	4,749		92,957	91,900	1,057	142,510	19
214	114,096					2,244	48	132	1,864	$200	131,486	130,816	670	351,150	20
		22	5,227	1	$107	4,386	3,319	204	863		37,845	37,520	325	54,040	21
37	17,581					1,034	850	18	155	11	10,472	10,367	105	43,134	22
118	54,000			1	125	5,153	336	498	4,159	160	71,630	69,310	2,320	143,659	23
3	1,635	3	645			1,804	1,041	37	726		7,062	6,872	190	20,510	24
4	1,815					58		26	32		3,351	3,327	24	7,811	25
43	21,732					2,696	1,015	478	1,203		17,756	17,583	173	57,559	26
950	361,591	511	103,385	1	240	82,504	216	9,321	72,967		438,720	380,679	58,041	1,245,262	27
7	2,631	1	175	2	300	1,040	805	99	136		2,821	2,592	229	19,940	28
82	35,194	14	6,375			7,835	846	742	6,247		19,687	18,450	1,237	124,031	29
8	4,670					1,802	1,390	99	313		9,563	9,426	137	22,814	30
4	1,418	66	12,200			1,606	240	42	1,324		42,800	42,642	158	70,172	31
17	8,995					1,976	1,012	113	551	300	16,406	16,088	318	35,232	32
28	9,171	13	2,682			11,380	1,744	109	9,527		16,122	15,903	219	52,641	33
6	3,080	1	208	1	130	1,027	600	48	379		1,461	1,338	123	9,284	34
1,208	535,008	227	40,814	6	960	126,139	2,969	15,885	107,035	250	1,858,062	1,698,718	159,344	3,240,282	35

manufactured, 1; iron and steel, 2; leather, tanned, curried, and finished, 2; lime and cement, 1; liquors, distilled, 1; lock and gun smithing, 1; mineral and soda waters, 2; monuments and tombstones, 2; patent medicines and compounds, 1; roofing and roofing materials, 2; slaughtering and meat packing, wholesale, 1; soap and candles, 2; tobacco, chewing, smoking, and snuff, 1; umbrellas and canes, 1; woolen goods, 1.

VILLAGES UNDER 20,000 IN POPULATION: 1900.

73,579	$35,328,344	11,929	$2,702,656	1,351	$225,099	$12,660,971	$712,936	$707,374	$10,483,046	$757,615	$110,337,884	$103,111,512	$7,226,372	$199,775,174	1
1,614	748,604	123	34,387	12	1,998	160,343	12,674	8,825	138,380	464	1,906,204	1,846,748	59,456	3,730,144	2
390	175,894	49	12,472	1	196	67,950	8,219	4,377	23,323	32,031	575,249	563,438	11,811	997,848	3
192	90,021	18	5,172	5	672	27,671	3,203	3,389	14,701	6,378	158,314	145,957	12,357	366,052	4
931	422,556	174	37,326	10	1,200	323,720	924	14,383	308,413		1,804,453	1,733,641	70,812	3,256,844	5
308	166,724	103	15,312	7	997	37,903	2,754	3,794	30,914	441	358,674	344,536	14,138	657,060	6
1,838	854,682	243	58,626	60	9,997	250,403	7,904	15,875	226,606	18	6,129,193	5,418,518	710,675	9,150,462	7
548	301,079	52	9,379	13	1,484	44,706	9,394	6,919	22,793	5,600	662,703	641,592	21,111	1,189,201	8
278	120,872	10	2,602	13	2,512	25,057	2,967	1,947	20,143		539,671	533,003	6,668	834,880	9
1,494	885,576	62	15,315	58	10,530	61,653	1,959	14,608	44,986	100	2,874,661	2,798,456	76,205	4,793,847	10
156	69,103	22	3,676	2	275	24,232	3,898	1,813	18,501	20	208,349	203,492	4,857	396,757	11
679	328,229	56	8,974	16	1,332	73,535	7,542	8,166	55,827	2,000	557,220	541,930	15,290	1,300,327	12
809	513,585	40	9,754			82,401	5,062	5,458	71,356	525	1,438,670	1,393,829	44,841	2,459,368	13
1,462	711,478	31	7,065	14	2,699	128,719	3,290	6,288	98,941	20,200	2,026,574	1,822,186	204,388	3,380,494	14
363	141,041	6	2,320			802,443	1,453	1,750	799,240		415,216	399,510	15,706	1,557,273	15
129	54,797	20	3,013	4	504	11,881	2,764	1,170	7,022	925	235,619	232,536	3,083	410,097	16
945	414,357	264	39,096	14	1,191	96,614	11,666	8,682	76,266		914,665	896,898	17,767	1,709,895	17
542	202,627	108	15,613	36	3,230	59,518	7,084	7,659	44,175	600	1,273,874	1,234,472	39,402	1,933,996	18
542	263,718	109	21,916			36,192	6,254	2,918	27,020		540,056	530,737	9,319	1,008,423	19
674	251,310	409	87,266	5	544	66,647	3,009	5,642	56,996	1,000	778,215	766,465	11,750	1,438,912	20
507	250,454	14	2,773	1	65	58,794	940	3,613	54,241		921,147	891,947	29,200	1,462,767	21
816	334,316	116	22,175	4	460	87,931	11,837	10,994	64,950	150	814,712	798,961	15,751	1,609,834	22
505	216,161	148	32,105	2	180	57,188	10,349	4,191	42,648		351,467	341,973	9,494	846,645	23
266	115,327	19	3,725	1	150	37,197	2,982	3,709	30,006	500	225,928	209,135	16,793	519,730	24
878	521,628	14	3,065			73,480	1,486	5,099	66,545	350	584,396	567,565	16,831	1,295,334	25
3,323	1,835,091	1,107	306,872	43	8,975	341,135	19,784	17,376	192,443	111,532	1,759,408	1,534,104	225,304	5,459,043	26
298	152,576	1	200	2	392	8,227	1,045	2,151	5,031		441,813	440,146	1,667	743,536	27
805	363,025	144	27,272	19	1,544	137,958	9,282	8,604	109,572	10,500	999,280	981,253	18,027	1,760,500	28
1,269	592,034	195	39,612	14	1,859	165,613	20,854	10,860	104,938	28,961	1,122,537	1,054,654	67,883	2,514,356	29
520	219,794	264	58,510	1	225	54,550	7,681	7,157	39,412	300	2,103,515	2,060,308	43,207	2,645,205	30
192	93,821	104	25,297			15,891	1,934	3,628	10,329		521,908	494,957	26,951	864,036	31
1,036	490,358	462	108,209	6	719	152,323	10,905	9,665	128,970	2,783	1,322,880	1,282,275	40,605	2,621,951	32
858	359,858	30	7,182	3	370	63,906	4,374	6,471	49,331	3,730	679,921	668,775	11,146	1,309,129	33
415	152,403	37	6,474	6	602	54,833	6,667	4,538	43,393	235	368,482	361,607	6,875	731,063	34
222	86,210	106	22,714	2	268	24,991	9,590	3,143	12,204	54	377,601	372,542	5,059	642,503	35
260	109,151	33	4,984			18,140	3,636	2,653	11,851		305,399	293,104	12,295	574,988	36
1,670	749,692	84	17,359	4	343	178,236	12,235	22,610	105,677	37,714	3,299,905	2,849,804	450,101	5,715,112	37
128	56,427	16	3,504	3	432	16,899	3,891	3,158	9,150	700	256,791	180,344	76,447	510,111	38
875	389,101	69	15,886	1	250	18,195	5,281	5,006	7,883	25	1,079,937	1,065,825	14,112	1,599,562	39
592	251,871	61	14,428			94,815	9,576	5,962	78,826	451	540,074	526,347	13,727	1,118,629	40
865	495,557	319	96,282	103	22,770	97,284	8,092	6,162	73,030	10,000	1,197,266	1,178,080	19,186	2,219,695	41
159	80,364	18	4,388	2	150	9,400	4,211	1,268	3,921		334,820	330,810	4,010	571,832	42
488	278,537	6	1,300	2	325	102,977	574	5,220	97,183		1,943,900	1,350,209	593,691	2,725,457	43
559	221,382	24	6,546	13	2,822	228,010	4,391	14,905	73,664	135,050	1,232,579	1,180,931	51,648	2,300,960	44
2,098	1,085,516	83	20,494	40	9,579	615,457	3,291	16,764	576,532	18,870	6,544,799	5,792,078	752,721	9,547,952	45
2,460	1,078,027	692	138,013	8	1,417	307,182	80,171	22,294	254,017	700	3,195,033	3,122,063	72,970	7,084,509	46

TABLE 9.—MANUFACTURES IN CITIES AND

	Cities and villages.	Number of establishments.	Capital.					Proprietors and firm members.	Salaried officials, clerks, etc.		Average number of wage-earners and total wages.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
47	Marietta	278	$2,189,345	$295,955	$353,394	$459,272	$1,080,724	335	151	$122,607	2,183	$938,315
48	Marion	84	3,340,321	345,526	408,979	348,579	2,237,237	78	132	126,013	1,552	699,065
49	Martins Ferry	50	1,802,871	167,055	287,208	663,281	685,327	56	59	66,888	967	543,416
50	Marysville	47	179,325	20,500	27,775	47,120	83,930	68	9	5,950	236	82,699
51	Massillon	134	4,444,400	328,928	505,284	972,200	2,637,988	149	122	121,335	1,836	914,245
52	Miamisburg	66	1,500,248	45,990	189,233	199,797	1,065,228	64	53	64,199	1,006	400,143
53	Middleport	38	197,039	20,131	39,332	57,085	80,491	39	19	11,204	225	69,325
54	Middletown	92	4,207,731	98,050	594,629	1,196,717	2,318,335	92	264	319,825	1,951	770,656
55	Mingo Junction	12	2,921,086	106,950	528,425	1,973,523	312,188	9	32	72,530	944	566,645
56	Mt. Vernon	93	830,061	62,200	172,375	296,691	298,795	110	62	52,345	853	383,638
57	Napoleon	78	448,500	30,300	88,725	93,025	236,450	94	13	7,395	233	91,822
58	Nelsonville	39	224,179	18,100	64,148	43,220	98,711	43	11	8,190	200	80,115
59	Newark	208	1,793,448	164,625	364,710	411,713	852,400	234	158	124,412	2,364	925,443
60	New Philadelphia	124	859,493	47,005	182,980	342,066	287,442	130	43	35,179	653	482,182
61	Niles	64	2,745,374	112,790	277,225	772,711	1,582,648	66	100	95,241	1,641	1,231,629
62	North Baltimore	39	193,793	17,329	28,171	50,609	97,684	45	8	7,820	112	49,048
63	Norwalk	96	995,025	42,600	158,600	306,976	486,849	91	63	57,056	817	394,585
64	Norwood	52	951,314	36,500	166,895	166,081	581,838	61	39	30,743	467	203,138
65	Painesville	77	513,621	67,025	77,795	137,108	231,693	88	34	27,872	488	165,403
66	Piqua	152	3,609,002	328,493	536,106	791,682	1,957,721	166	207	203,001	2,103	983,836
67	Pomeroy	70	852,132	70,410	166,681	280,999	334,042	69	43	31,142	725	341,959
68	Portsmouth	284	4,113,700	355,576	780,416	1,025,636	1,952,072	315	381	310,355	4,586	1,556,190
69	Ravenna	76	821,127	86,130	157,605	199,966	427,426	90	46	43,845	740	279,153
70	St. Marys	57	556,209	48,700	129,150	162,498	215,861	60	44	39,318	453	192,711
71	Salem	106	2,090,703	95,085	323,362	600,283	1,071,973	117	121	116,022	977	569,352
72	Sandusky	176	4,627,981	437,631	880,276	1,381,604	1,928,470	187	158	141,637	1,648	650,895
73	Shelby	63	2,409,230	70,326	570,939	1,117,879	650,086	69	77	88,827	1,045	478,446
74	Sidney	107	1,173,805	75,270	219,710	307,582	571,243	125	84	62,804	935	337,610
75	Steubenville	171	2,587,180	385,911	609,950	771,287	820,032	189	100	84,526	2,051	874,095
76	Tiffin	153	2,319,720	145,019	488,710	714,376	971,615	168	110	77,730	1,368	569,660
77	Toronto	40	649,653	71,700	220,402	168,208	189,343	40	38	33,262	640	315,400
78	Troy	104	1,664,085	77,000	242,678	219,479	1,124,928	140	81	76,242	899	355,227
79	Uhrichsville	78	273,602	25,098	89,138	53,743	105,623	76	24	14,380	271	104,650
80	Upper Sandusky	35	288,744	25,625	51,404	73,727	137,988	44	10	6,625	165	60,477
81	Urbana	112	1,122,435	81,753	227,997	292,595	520,090	137	70	58,836	811	273,822
82	Van Wert	81	434,678	60,430	53,615	150,771	169,862	74	25	14,907	354	150,514
83	Wapakoneta	60	462,777	33,790	58,955	87,814	282,218	70	24	14,498	411	142,628
84	Warren	110	2,952,697	130,955	357,495	897,974	1,566,273	115	133	161,737	1,948	835,718
85	Washington Court House	67	403,031	20,132	53,999	170,828	158,072	75	28	20,158	276	101,849
86	Wellston	41	855,606	35,350	247,550	145,103	427,603	42	17	15,985	333	169,075
87	Wellsville	61	1,233,863	93,510	257,336	469,994	413,023	57	66	59,400	969	511,964
88	Wilmington	61	247,783	16,350	30,100	92,527	108,806	78	14	12,916	188	78,635
89	Wooster	97	626,188	68,415	127,425	184,297	246,051	105	47	29,501	447	169,490
90	Xenia	106	1,819,614	75,630	224,049	507,297	1,012,638	128	53	72,051	1,105	894,386

VILLAGES UNDER 20,000 IN POPULATION: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
1,942	$890,017	197	$42,336	44	$5,962	$214,726	$20,098	$18,186	$100,877	$75,565	$1,899,637	$1,846,988	$52,649	$3,895,498	47
1,466	683,326	64	13,164	22	2,575	306,033	11,378	25,128	268,227	1,300	1,200,756	1,127,509	73,247	2,841,903	48
836	509,691	106	31,216	25	2,509	90,518	1,949	10,346	78,148	75	1,953,872	1,816,604	137,268	2,968,648	49
210	77,640	25	4,859	1	200	20,506	4,122	1,486	13,398	1,500	165,241	160,146	5,095	347,283	50
1,677	881,987	53	11,316	106	20,942	172,155	11,148	10,221	150,286	500	1,563,257	1,494,820	68,437	3,404,012	51
817	360,274	170	36,421	19	3,448	83,122	4,668	6,895	71,559	----------	1,300,713	1,281,481	19,232	2,131,005	52
200	66,125	8	1,490	17	1,710	13,022	2,756	1,971	7,395	900	154,866	145,637	9,229	338,312	53
1,473	639,125	467	130,831	11	700	2,112,601	13,226	25,424	2,073,951	----------	3,056,601	2,944,736	111,865	6,665,226	54
943	566,385	1	260	----------	----------	131,395	592	18,622	112,181	----------	5,526,128	4,977,937	548,191	7,563,573	55
799	372,117	54	11,521	----------	----------	53,773	9,180	6,042	38,551	----------	1,073,247	1,060,719	12,528	1,716,532	56
205	85,530	27	6,117	1	175	25,045	3,859	2,498	18,638	50	295,390	287,807	7,583	541,572	57
182	76,491	13	3,166	5	458	12,107	2,662	1,911	7,534	----------	117,257	100,713	16,544	258,148	58
2,008	841,720	281	65,723	75	18,000	228,797	19,286	13,949	167,025	28,537	1,417,157	1,375,210	41,947	3,423,186	59
556	465,293	92	16,291	5	598	86,576	6,154	7,759	63,931	8,732	905,007	863,521	41,486	1,820,296	60
1,617	1,225,563	24	6,066	----------	----------	123,647	5,043	9,005	109,599	----------	3,441,219	3,145,585	295,634	5,758,129	61
96	44,931	16	4,117	----------	----------	16,052	2,673	1,214	12,165	----------	100,695	96,681	4,014	243,882	62
717	367,597	91	25,409	9	1,579	128,038	9,122	5,903	110,579	2,434	561,996	550,402	11,594	1,836,395	63
422	194,810	35	6,768	10	1,560	52,839	2,739	2,799	47,301	----------	430,221	425,652	4,569	820,892	64
442	155,412	43	9,357	3	534	36,914	6,989	2,169	24,831	2,925	319,300	309,431	9,869	693,949	65
1,787	917,822	315	65,891	1	123	259,807	18,521	18,773	203,977	18,536	3,765,259	3,685,028	80,231	5,886,475	66
565	331,455	43	7,846	17	2,658	40,898	3,882	5,456	31,260	300	961,112	913,660	47,452	1,522,626	67
3,444	1,347,575	1,043	197,652	99	10,963	802,946	22,820	25,852	710,000	44,274	3,824,093	3,668,916	155,177	7,532,976	68
498	221,189	217	52,464	25	5,500	43,790	7,108	4,318	31,904	460	550,204	522,303	27,901	1,210,415	69
410	183,707	43	9,004	----------	----------	37,786	4,119	4,053	22,646	6,968	462,842	437,731	25,111	893,823	70
843	526,140	128	41,139	6	2,073	135,603	10,278	9,872	113,374	2,079	1,230,584	1,199,505	31,079	2,380,424	71
1,397	602,394	207	41,473	44	7,028	379,042	22,833	19,070	336,999	140	1,394,147	1,325,649	68,498	3,190,342	72
860	442,161	182	35,915	3	370	134,264	3,935	11,516	112,813	6,000	1,770,640	1,701,727	68,913	2,625,066	73
774	304,108	159	33,245	2	257	101,178	6,837	8,465	85,776	100	1,088,669	1,064,793	23,876	1,858,626	74
1,613	778,433	246	61,477	192	34,185	227,624	76,387	16,051	130,570	4,616	2,698,875	2,104,699	594,176	5,235,161	75
1,066	500,422	296	67,906	6	1,332	194,471	13,459	13,367	167,024	621	900,003	814,449	85,554	2,107,805	76
560	295,509	68	17,827	12	2,064	66,130	1,700	4,788	54,642	5,000	235,721	178,154	57,567	809,446	77
723	316,812	175	38,340	1	75	197,579	8,051	7,457	181,009	1,062	1,185,619	1,117,887	17,732	2,019,557	78
227	95,077	41	9,165	3	408	25,694	2,505	1,170	13,215	8,804	197,070	186,286	10,784	446,780	79
151	57,954	13	2,419	1	104	21,655	2,142	2,414	17,099	----------	187,106	182,203	4,903	357,505	80
673	245,612	134	27,270	4	940	94,404	9,621	8,775	75,433	575	770,733	744,229	26,504	1,477,962	81
313	142,151	41	8,363	----------	----------	42,348	4,878	3,327	13,574	20,569	313,575	305,814	7,761	627,672	82
387	138,403	18	3,784	6	441	49,629	5,927	4,251	38,992	459	289,717	283,556	6,161	604,781	83
1,646	762,158	285	72,460	16	1,100	198,109	9,838	8,014	119,782	60,475	2,671,115	2,506,619	164,496	4,840,160	84
204	83,591	69	17,958	3	300	24,376	5,860	2,795	15,629	92	352,233	346,335	5,898	659,899	85
320	166,619	10	2,112	3	344	27,327	1,836	3,181	22,160	150	595,415	423,514	171,901	1,056,110	86
906	495,820	62	16,018	1	126	47,624	3,678	5,738	35,050	3,158	660,918	587,396	73,522	1,548,190	87
179	76,882	8	1,678	1	75	21,860	4,026	1,624	15,598	612	241,511	235,966	5,545	440,237	88
360	153,800	86	15,490	1	200	37,114	7,021	3,257	25,096	1,740	463,725	443,154	20,571	985,579	89
897	343,582	207	50,679	1	125	139,647	10,951	11,398	101,898	15,400	2,171,860	2,142,619	28,741	3,122,797	90

OKLAHOMA.

Table 1 shows the manufacturing and mechanical industries of the territory of Oklahoma as returned at the censuses of 1890 (the first census at which separate totals were published) and 1900, with the percentages of increase for the decade.

TABLE 1.—COMPARATIVE SUMMARY, 1890 AND 1900, WITH PER CENT OF INCREASE FOR THE DECADE.

	DATE OF CENSUS.		Per cent of increase, 1890 to 1900.
	1900	1890	
Number of establishments	870	72	1,108.3
Capital	$3,352,064	$95,519	3,409.3
Salaried officials, clerks, etc., number	202	[1]48	320.8
Salaries	$159,554	[1]$19,592	714.4
Wage-earners, average number	2,054	147	1,297.3
Total wages	$807,826	$52,326	1,443.8
Men, 16 years and over	1,876	133	1,310.5
Wages	$775,707	$50,660	1,431.2
Women, 16 years and over	140	3	4,566.7
Wages	$27,180	$620	4,283.9
Children, under 16 years	38	11	245.5
Wages	$4,939	$1,046	372.2
Miscellaneous expenses	$246,081	$21,970	1,020.1
Cost of materials used	$4,449,944	$56,518	7,773.5
Value of products, including custom work and repairing	$7,083,938	$180,445	3,825.8

[1] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 6.)

There has been a remarkable increase in the manufacturing and mechanical industries of this territory since 1890, an increase even more striking than the increase in population (518.2 per cent), exceeding that of any other state or territory. The number of establishments has increased over elevenfold, and the value of products over thirty-eightfold. Compared with older localities, however, the amount of manufacturing carried on in the territory is still insignificant. Oklahoma is essentially an agricultural and stock-raising territory, and the industries most developed are those which are common to rural as well as urban localities. A notable product is the manufacture of cottonseed oil, which has grown up in connection with the rapid development of the cotton crop of the territory.

Table 2 divides the industries of the territory between the hand trades and the manufactures proper. This table also gives the statistics for governmental establishments, an institution, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	1,161	$3,477,489	1,322	2,160	$814,173	$250,857	$4,477,279	$3,142,204	$1,120,756	$214,319	$7,160,210
Hand trades[1]	337	282,908	390	506	206,792	44,430	435,151	4,310	400,509	30,332	955,356
Governmental establishments	2	8,450	------	8	1,200	10	2,093	------	1,965	128	6,500
Educational institution	1	5,260	------	2	500	60	630	------	90	540	1,225
Establishments with a product of less than $500	288	111,715	323	101	4,647	4,706	24,612	1,558	23,054	------	68,547
All other establishments	533	3,069,156	609	1,548	601,034	201,651	4,014,793	3,136,336	695,138	183,319	6,128,582

[1] Embraces bicycle and tricycle repairing, 8; blacksmithing and wheelwrighting, 160; boots and shoes, custom work and repairing, 15; carpentering, 34; clothing, men's, custom work and repairing, 20; clothing, women's, dressmaking, 6; dyeing and cleaning, 2; furniture, cabinetmaking, repairing, and upholstering, 4; lock and gun smithing, 3; masonry, brick and stone, 3; millinery, custom work, 39; painting, house, sign, etc., 12; plumbing, and gas and steam fitting, 4; sewing machine repairing, 1; watch, clock, and jewelry repairing, 25.

Of the 1,161 establishments of all classes, shown in Table 2, 624, or 53.7 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $1,023,903, or only 14.3 per cent of the total products of the territory.

In addition to the 1,161 active establishments in the territory during the census year, with a capital of $3,477,489, shown in this table, there were 5 idle establishments with a capital of $13,720.

Table 3 presents the totals for the manufacturing industries in Guthrie and Oklahoma City, and places them in comparison with the totals for the entire territory, and the territory exclusive of these cities.

TABLE 3.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for territory	870	$3,352,064	999	2,054	$807,826	$246,081	$4,449,944	$7,083,938
Total for urban manufactures	186	1,015,279	203	804	343,846	71,484	1,166,425	2,079,361
Guthrie	85	415,240	96	346	139,077	36,706	430,869	837,374
Oklahoma City	101	600,039	107	458	204,769	34,778	735,556	1,241,987
Total for territory exclusive of urban manufactures	684	2,336,785	796	1,250	463,980	174,597	3,283,519	5,004,577
Per cent of urban manufactures to total for territory	21.4	30.3	20.3	39.1	42.6	29.0	26.2	29.4

Of the 870 establishments in the territory, 186, or 21.4 per cent, were located in these 2 cities. The capital reported for these establishments is $1,015,279, or 30.3 per cent of that for the entire territory. They furnished employment to 804 wage-earners, or 39.1 per cent of the total number; paid $343,846 in wages, or 42.6 per cent of the total amount; and the value of their products, $2,079,361, formed 29.4 per cent of the total for the territory.

Table 4 shows the totals for all industries in the cities withdrawn from the enumerators.

Table 5 shows the totals for the territory by counties.

Table 6 shows the totals for the territory by specified industries.

TABLE 4.—MANUFACTURES IN CITIES UNDER 20,000 IN POPULATION: 1900.

Cities.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Total. Wages.	Men, 16 years and over. Average number.	Men, 16 years and over. Wages.
Total for cities	186	$1,015,279	$71,625	$157,190	$413,048	$373,416	203	75	$61,713	804	$343,846	733	$330,122
Guthrie	85	415,240	25,750	51,290	194,113	144,087	96	40	32,100	346	139,077	298	129,378
Oklahoma City	101	600,039	45,875	105,900	218,935	229,329	107	35	29,613	458	204,769	435	200,744

Cities.	Average number of wage-earners and total wages—continued. Women, 16 years and over. Average number.	Women. Wages.	Children, under 16 years. Average number.	Children. Wages.	Miscellaneous expenses. Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Cost of materials used. Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.
Total for cities	60	$12,254	11	$1,470	$71,484	$18,201	$8,270	$44,713	$300	$1,166,425	$1,126,064	$40,361	$2,079,361
Guthrie	43	8,869	5	830	36,706	13,364	3,829	19,313	200	430,869	413,693	17,176	837,374
Oklahoma City	17	3,385	6	640	34,778	4,837	4,441	25,400	100	735,556	712,371	23,185	1,241,987

TABLE 5.—MANUFACTURES

	COUNTIES, AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The Territory	870	$3,352,064	$349,609	$632,837	$1,329,784	$1,039,834	999	202	$159,554	2,054	$807,826
2	Blaine	23	152,749	53,510	31,650	31,949	35,640	27	4	2,205	31	11,391
3	Canadian	52	322,309	64,941	44,722	88,660	123,986	60	36	31,830	153	68,303
4	Cleveland	43	130,909	12,185	22,895	57,355	38,474	58	4	3,045	59	17,045
5	Custer	19	58,185	4,315	11,130	21,585	21,155	24	4	3,500	24	10,067
6	Dewey	12	42,955	33,430	1,445	4,610	3,470	15			10	2,022
7	Garfield	40	164,240	10,205	15,390	66,745	71,900	43	11	9,350	119	43,685
8	Grant	38	181,036	5,280	37,360	60,842	77,554	39	10	8,310	73	33,339
9	Greer	22	36,690	2,485	4,155	24,640	5,410	26			24	5,724
10	Kay	77	172,758	14,035	34,462	58,219	66,042	82	9	5,505	147	61,278
11	Kingfisher	56	139,908	12,680	30,860	45,785	50,583	62	3	5,573	130	63,503
12	Lincoln	66	225,573	6,994	61,320	129,662	27,597	76	13	6,041	109	25,602
13	Logan	113	474,685	28,855	61,005	225,603	159,222	136	40	32,100	372	147,592
14	Noble	13	80,910	12,170	20,275	20,070	28,395	16	4	2,800	47	16,010
15	Oklahoma	124	752,730	59,415	137,510	300,401	255,404	134	44	35,973	512	222,986
16	Pawnee	13	15,875	2,185	2,700	6,255	4,735	14			11	4,180
17	Payne	26	71,930	7,255	10,930	41,555	12,190	33	2	1,100	44	13,573
18	Pottawatomie	57	236,954	11,789	87,763	110,368	27,034	67	9	9,782	99	27,237
19	Roger Mills	5	9,750	1,650	1,300	2,825	3,975	4	1	480	10	3,431
20	Washita	10	15,035	330	2,385	11,535	785	14			9	2,081
21	Woods	34	24,848	1,765	4,310	9,460	9,313	41			32	10,576
22	Woodward	18	17,964	2,825	4,060	2,710	8,369	18	3	1,960	28	15,194
23	All other counties [1]	3	1,671	10	210	650	801	8			3	475
24	Osage nation	8	22,400	1,300	5,000	8,300	7,800	7			8	2,532

[1] Includes establishments distributed as follows: Beaver, 2; Day, 1.

TABLE 6.—MANUFACTURES BY

1	All industries	870	$3,352,064	$349,609	$632,837	$1,329,784	$1,039,834	999	202	$159,554	2,054	$807,826
2	Bicycle and tricycle repairing	8	5,085	785	350	1,575	2,375	9			2	400
3	Blacksmithing and wheelwrighting	160	117,055	21,002	19,842	30,847	45,364	185			97	41,136
4	Boots and shoes, custom work and repairing.	15	4,459	550	332	1,530	2,047	16			12	5,100
5	Bread and other bakery products	15	43,149	15,125	14,150	9,000	4,874	16			28	10,734
6	Brick and tile	36	109,825	12,415	15,065	39,340	43,005	42	5	3,845	173	62,902
7	Brooms and brushes	7	13,895	8,300	4,325	455	815	6			8	1,700
8	Carpentering	34	46,485	3,575	3,820	6,805	32,285	41	1	480	172	79,339
9	Carriages and wagons	8	30,400	4,850	4,500	8,600	12,450	11			32	10,892
10	Cars and general shop construction and repairs by steam railroad companies.	3	9,350	1,900	3,600	1,800	2,050		3	2,405	22	13,333
11	Cheese, butter, and condensed milk, factory product.	5	12,762	1,320	3,900	5,600	1,942	5			3	1,520
12	Clothing, men's, custom work and repairing.	20	17,443	2,600	1,300	3,405	10,138	22			37	15,922
13	Clothing, women's, dressmaking	7	1,430	100	600	370	360	7			19	2,344
14	Confectionery	5	5,125	325	830	2,700	1,270	5			9	2,850
15	Cotton, ginning [1]	72	227,215	3,330	34,784	179,665	9,436	101	9	1,210	106	13,466
16	Flouring and grist mill products	55	1,080,661	37,492	227,740	351,007	464,422	46	84	66,110	258	125,855
17	Foundry and machine shop products	6	38,650	5,400	6,575	17,300	9,375	10	1	240	23	10,868
18	Furniture, cabinetmaking, repairing, and upholstering.	4	2,450			400	2,050	4			2	912
19	Ice, manufactured	6	164,323	10,001	40,223	92,168	21,931	5	15	11,780	45	25,171
20	Lime and cement	4	110,277	50,406	20,477	19,598	19,796	2	5	6,460	47	17,546
21	Liquors, distilled	3	10,985	175	1,700	2,300	6,810	2			1	480
22	Lock and gun smithing	3	1,510			880	630	3			3	1,275
23	Lumber and timber products	33	136,361	88,915	4,665	37,871	4,910	46	1	600	43	9,475
24	Lumber, planing mill products, including sash, doors, and blinds.	3	15,200	400	2,000	10,500	2,300	5			10	4,490
25	Masonry, brick and stone	3	8,650	1,100	50	1,550	5,950	3			40	22,000
26	Mattresses and spring beds	3	3,200			1,000	2,200	3			3	1,360
27	Millinery, custom work	39	39,610	3,150	3,500	1,735	31,225	49	3	988	55	10,847
28	Mineral and soda waters	10	33,175	3,875	3,500	21,900	3,900	11			17	7,060
29	Monuments and tombstones	5	6,550	600	200	200	5,550	7	2	550	13	13,840
30	Oil, cottonseed and cake	6	324,503	22,003	140,236	134,268	27,996		19	18,718	101	31,463
31	Painting, house, sign, etc	12	8,135	1,600	600	1,435	4,500	16			39	15,774
32	Paving and paving materials	3	1,440			290	1,150	3			9	3,550
33	Photography	20	16,084	1,650	3,248	8,276	2,910	22			9	3,389
34	Plumbing, and gas and steam fitting	4	8,135	25	625	2,250	5,235	7			18	7,813
35	Printing and publishing, book and job	4	5,950			3,500	2,450	5			5	1,100
36	Printing and publishing, newspapers and periodicals.	98	389,158	17,980	30,875	245,445	94,858	115	41	30,446	379	139,021
37	Saddlery and harness	54	131,430	12,860	13,205	10,647	94,718	62	5	4,611	76	40,295
38	Salt	4	2,555	275	335	204	1,741	4			7	1,100
39	Tinsmithing, coppersmithing, and sheet-iron working.	36	37,555	4,250	4,775	11,275	17,255	43	2	1,000	50	23,430
40	Tobacco, cigars and cigarettes	17	21,338	2,925	4,550	993	12,870	19			35	12,700
41	Watch, clock, and jewelry repairing	25	22,021	1,350	760	6,350	13,561	25	1	600	7	3,830
42	All other industries [2]	15	88,480	7,000	15,600	54,750	11,130	16	5	9,511	39	11,544

[1] Does not include many ginneries operated in connection with saw, grist, and cottonseed-oil mills or for the use exclusively of plantations on which they are located. For the full number of ginneries in operation reference should be made to the special report on cotton gi[illegible]

[2] Embraces awnings, tents, and sails, 1; bluing, 1; cotton, compressing, 2; druggists' preparations, not inclu[illegible]

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
1,876	$775,707	140	$27,180	38	$4,939	$246,081	$50,078	$29,931	$165,648	$424	$4,449,944	$4,291,751	$158,193	$7,083,938	1
31	11,391					5,651	1,116	837	3,698		143,796	138,945	4,851	204,064	2
136	64,957	15	3,033	2	313	37,436	3,353	2,790	31,283	10	750,922	729,326	21,596	1,055,769	3
53	16,000	5	925	1	120	7,160	1,870	1,103	4,187		161,769	155,577	6,192	228,396	4
24	10,067					1,756	180	475	1,101		87,494	84,186	3,308	131,711	5
8	1,940			2	82	364	60	71	233		4,908	4,473	435	13,757	6
91	39,823	21	3,026	7	836	10,243	2,508	1,189	6,546		476,104	462,616	13,488	618,025	7
71	33,159	2	180			12,891	1,338	1,783	9,770		431,431	424,748	6,683	556,475	8
23	5,640			1	84	847	128	486	233		9,091	7,495	1,596	34,072	9
138	59,344	8	1,727	1	207	9,676	3,910	1,428	4,338		125,314	114,759	10,555	301,829	10
116	61,463	10	1,261	4	779	14,593	3,270	1,103	10,220		270,048	262,311	7,737	436,453	11
102	24,037	5	1,390	2	175	10,206	3,332	2,344	4,446	84	126,914	119,800	7,114	249,094	12
321	137,283	45	9,329	6	980	38,738	13,737	4,215	20,586	200	493,558	473,596	19,962	934,422	13
42	15,255	1	260	4	495	11,306	298	982	10,026		178,121	173,418	4,703	238,668	14
488	218,817	18	3,529	6	640	47,612	5,684	6,325	35,503	100	871,595	837,648	33,947	1,461,411	15
11	4,180					1,572	350	154	1,068		6,589	6,164	425	21,858	16
41	13,071	2	450	1	52	3,818	1,434	798	1,586		80,946	77,871	3,075	126,603	17
96	26,379	3	858			13,764	5,919	2,663	5,152	30	145,391	136,410	8,981	272,819	18
9	3,255			1	176	13,142		50	13,092		21,440	21,378	62	43,692	19
9	2,081					593	73	210	310		5,118	4,564	554	14,517	20
29	9,926	3	650			1,689	480	424	785		28,988	27,263	1,725	62,604	21
28	15,194					1,871	790	212	869		20,203	19,466	737	53,974	22
2	225	1	250			202	123	23	56		604	522	82	3,085	23
7	2,220	1	312			951	125	266	560		9,600	9,215	385	20,640	24

SPECIFIED INDUSTRIES: 1900.

1,876	$775,707	140	$27,180	38	$4,939	$246,081	$50,078	$29,931	$165,648	$424	$4,449,944	$4,291,751	$158,193	$7,083,938	1
2	400					526	268	93	165		1,706	1,534	172	7,810	2
96	40,992	1	144			5,597	2,230	1,421	1,862	84	62,774	54,131	8,643	215,529	3
12	5,100					1,415	775	69	571		7,182	7,016	166	21,435	4
20	8,866	7	1,720	1	148	2,218	1,109	407	702		39,891	37,721	2,170	86,860	5
170	62,263			3	639	3,459	483	607	2,369		24,420	4,030	20,390	149,712	6
8	1,700					240	36	191	13		3,905	3,880	25	9,714	7
172	79,339					15,112	503	232	14,177	200	203,632	203,327	305	346,395	8
31	10,736			1	156	995	160	372	433	30	14,681	13,845	836	44,800	9
22	13,333					117		117			6,736	6,450	286	22,591	10
3	1,520					185	58	97	30		13,749	13,044	705	18,994	11
36	15,685	1	237			3,488	1,823	131	1,534		29,915	29,460	455	71,523	12
		19	2,344			753	681	12	60		1,115	1,115		8,326	13
9	2,850					890	440	7	443		13,997	13,623	374	19,148	14
106	13,466					13,560	8,070	2,489	3,001		39,232	34,063	5,169	129,928	15
256	125,755			2	100	86,925	530	9,186	77,209		3,026,785	2,965,531	61,254	3,745,434	16
23	10,868					1,787		520	1,267		30,877	28,752	2,125	59,250	17
1	312	1	600			1,399	1,102	52	245		1,135	1,085	50	6,185	18
44	25,096			1	75	17,743	4,500	2,530	10,713		25,387	3,817	21,570	92,003	19
47	17,546					2,478	583	285	1,610		11,243	4,871	6,372	80,285	20
1	480					1,154		18	1,136		834	432	402	4,939	21
3	1,275					247	215	7	25		520	515	5	3,004	22
43	9,475					1,459	358	520	581		27,621	27,591	30	63,569	23
10	4,490					325	75	115	135		3,935	3,615	320	14,600	24
40	22,000					341		51	290		25,445	25,445		52,750	25
3	1,360					300	250		50		3,385	3,385		6,000	26
		55	10,847			8,940	5,602	396	2,942		56,001	55,811	190	110,557	27
17	7,060					1,292	250	237	805		9,001	8,686	315	33,604	28
13	13,840					562	312	45	205		9,100	9,080	20	21,250	29
101	31,463					14,194	60	3,369	10,765		264,829	249,660	15,169	422,699	30
39	15,774					1,348	736	59	553		18,229	18,199	30	45,007	31
9	3,550					30			30		7,375	7,355	20	14,875	32
6	2,685	2	600	1	104	2,775	1,633	142	1,000		9,094	8,936	158	31,664	33
17	7,413	1	400			1,769	150	82	1,537		19,291	19,058	233	37,820	34
3	850	1	100	1	150	770	484	34	252		2,709	2,624	85	7,250	35
313	127,978	44	8,238	22	2,805	20,732	6,875	2,825	11,032		113,193	108,347	4,846	481,663	36
75	39,935	1	860			11,486	3,970	1,480	6,036		148,034	147,268	766	263,294	37
7	1,100					350	246	69	35		1,235	255	980	4,329	38
49	23,170			1	260	3,388	1,958	550	880		69,396	68,288	1,108	123,418	39
25	10,708	5	1,490	5	502	7,101	820	184	6,097		22,382	22,258	124	50,838	40
7	3,830					3,060	2,112	209	729	10	6,961	6,883	78	27,615	41
37	11,444	2	100			5,571	621	721	4,129	100	73,012	70,765	2,247	127,271	42

gloves and mittens, 1; marble and stone work, 1; patent medicines and compounds, 1; roofing and roofing materials, 1; sewing machine repairing, 1; slaughtering wholesale, not including meat packing, 2.

OREGON.

Table 1 shows the manufacturing and mechanical industries of the state of Oregon as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	3,088	1,523	1,080	969	309	52	102.8	41.0	11.5	213.6	494.2
Capital	$33,422,393	$32,122,051	$6,312,056	$4,376,849	$1,337,238	$343,600	4.0	408.9	44.2	227.3	58.5
Salaried officials, clerks, etc., number	1,280	[1] 2,038	(2)	(2)	(2)	(2)	[3] 37.2				
Salaries	$1,323,155	[1] $1,975,495	(2)	(2)	(2)	(2)	[3] 33.0				
Wage-earners, average number	17,236	16,760	3,473	2,884	978	285	2.8	382.6	20.4	194.9	243.2
Total wages	$8,333,433	$9,559,734	$1,667,046	$1,120,173	$635,256	$388,620	[3] 12.8	473.5	48.8	76.3	63.5
Men, 16 years and over	15,120	15,754	3,280	2,753	968	285	[3] 4.0	380.3	19.1	184.4	239.7
Wages	$7,830,594	$9,232,608	(2)	(2)	(2)	(2)	[3] 15.2				
Women, 16 years and over	1,821	806	96	67	10	(2)	125.9	739.6	43.3	570.0	
Wages	$452,939	$294,496	(2)	(2)	(2)	(2)	53.8				
Children, under 16 years	295	200	97	64	(2)	(2)	47.5	106.2	51.6		
Wages	$49,900	$32,630	(2)	(2)	(2)	(2)	52.9				
Miscellaneous expenses	$2,242,795	$2,108,668	(4)	(4)	(4)	(4)	6.4				
Cost of materials used	$26,108,313	$21,793,578	$6,954,436	$3,419,756	$1,431,952	$809,560	19.8	213.4	103.4	138.8	76.9
Value of products, including custom work and repairing	$46,000,587	$41,432,174	$10,931,232	$6,877,387	$2,976,761	$2,236,640	11.0	279.0	58.9	131.0	33.1
Total population	[5] 409,764	313,767	174,768	90,923	52,465	13,294	30.6	79.5	92.2	73.3	294.7
Wage-earners engaged in manufactures	17,236	16,760	3,473	2,884	978	285	2.8	382.6	20.4	194.9	243.2
Per cent of total population	4.2	5.3	2.0	3.2	1.9	2.1					
Assessed value of real estate	[6] $117,804,874	$107,640,259	$32,584,966	$17,674,202	$6,279,602	$3,997,332	9.4	230.3	84.4	181.5	57.1
Value of land and buildings invested in manufactures [7]	$10,282,493	$12,528,214	(2)	(2)	(2)	(2)	[3] 17.9				
Per cent of assessed value	8.7	11.6									

[1] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[2] Not reported separately.
[3] Decrease.
[4] Not reported.
[5] Exclusive of 3,772 Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[6] As given for the year 1900 in Dana's supplement, "State and City," to the Commercial and Financial Chronicle, under date of April 13, 1901.
[7] Does not include value of rented property.

Although agriculture is the most important industry of Oregon, the development of manufacturing and mechanical industries during the half century from 1850 to 1900, as indicated in Table 1, has been very marked. The increase in the value of the products was greatest during the decade from 1880 to 1890, amounting to 279 per cent, while during the decade from 1890 to 1900, the increase was but 11 per cent, the smallest per cent of increase during any decade since 1850. The average number of wage-earners engaged in manufactures constituted 4.2 per cent of the population of the state in 1900, as compared with 2.1 per cent in 1850.

The natural resources of the state are extensive, furnishing material for its various manufacturing enterprises, while it has three good harbors for the marketing of manufactured goods. The streams of the state furnish abundant power at The Dalles, the Cascades, and Oregon City, while the mines are producing a continually increasing supply of coal for fuel.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	3,581	$33,724,348	4,138	17,508	$8,368,593	$2,261,693	$26,222,109	$9,328,547	$15,717,259	$1,176,303	$46,239,570
Hand trades[1]	1,250	1,867,385	1,483	2,985	1,508,254	404,848	2,809,865	25,294	2,668,106	116,465	6,417,260
Penal institutions	4	54,705	--------	179	28,213	3,193	65,468	224	57,027	8,217	107,370
Establishments with a product of less than $500	489	247,250	539	93	6,947	15,705	48,328	3,911	43,312	1,105	131,613
All other establishments	1,838	31,555,008	2,116	14,251	6,825,179	1,837,947	23,298,448	9,299,118	12,948,814	1,050,516	39,583,327

[1] Includes bicycle and tricycle repairing, 52; blacksmithing and wheelwrighting, 343; boots and shoes, custom work and repairing, 111; carpentering, 122; clothing, men's, custom work and repairing, 105; clothing, women's, dressmaking, 71; dyeing and cleaning, 14; furniture, cabinetmaking, repairing, and upholstering, 45; lock and gun smithing, 25; masonry, brick and stone, 24; millinery, custom work, 79; painting, house, sign, etc., 79; paper hanging, 6; plastering and stuccowork, 11; plumbing, and gas and steam fitting, 60; sewing machine repairing, 2; typewriter repairing, 3; watch, clock, and jewelry repairing, 98.

In addition to the 3,581 active establishments in the state during the census year, with a capital of $33,724,348, shown in Table 2, there were 43 idle establishments with a capital of $1,050,193. Of the 3,581 establishments of all classes, 1,739, or 48.6 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments consisted principally of the sums received for custom work and repairing, and amounted to $6,548,873, or 14.2 per cent of the total products of the state.

Comparative statistics for the 8 leading industries in Oregon are presented in Table 3.

TABLE 3.—COMPARATIVE SUMMARY OF EIGHT LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Total for selected industries for state	1900	822	$18,000,383	7,706	$3,762,170	$862,969	$15,101,328	$23,800,194
	1890	592	17,281,010	8,281	3,803,224	968,246	10,174,381	17,746,824
Increase, 1890 to 1900	--------	230	719,373	[1] 575	[1] 41,054	[1] 105,277	4,926,947	6,053,370
Per cent of increase	--------	38.9	4.2	[1] 6.9	[1] 1.1	[1] 10.9	48.4	34.1
Per cent of total of all industries in state	1900	26.6	53.9	44.7	45.1	38.5	57.8	51.7
	1890	38.9	53.8	49.4	39.8	45.9	46.7	42.8
Cars and general shop construction and repairs by steam railroad companies.	1900	14	725,935	751	495,159	15,688	483,644	1,026,169
	1890	5	2,815,997	1,101	907,739	----------	781,217	1,750,926
Fish, canning and preserving	1900	24	2,558,642	636	219,744	147,858	1,182,218	1,788,809
	1890	15	1,365,800	1,473	300,824	92,972	1,066,127	1,643,324
Flouring and grist mill products	1900	153	3,172,997	443	246,901	178,784	5,335,838	6,364,023
	1890	86	2,247,389	281	151,371	189,421	3,386,917	4,184,473
Lumber and timber products	1900	436	8,167,433	4,084	2,023,914	261,917	5,727,720	10,352,167
	1890	350	8,103,000	4,214	1,680,618	400,059	3,061,439	6,530,757
Printing and publishing, newspapers and periodicals	1900	159	1,312,263	610	292,579	140,280	240,113	1,078,337
	1890	111	653,419	573	419,209	172,662	209,813	1,130,762
Ship and boat building, wooden	1900	16	126,845	338	187,357	8,351	306,579	654,385
	1890	14	305,220	199	127,625	9,508	119,036	320,715
Slaughtering and meat packing, wholesale	1900	9	760,448	172	87,821	35,768	1,359,361	1,638,480
	1890	5	439,600	82	73,300	16,718	1,222,330	1,570,935
Woolen goods	1900	11	1,175,820	672	208,695	74,323	465,855	897,824
	1890	6	1,350,585	858	142,538	86,906	327,502	614,932

[1] Decrease.

As indicated in Table 3, the manufacture of lumber and timber products is the principal industry in the state. In 1900 there were 4,084 wage-earners employed in this industry, and the products were valued at $10,352,167, as compared with 4,214 wage-earners and products valued at $6,530,757 in 1890. There were 734,538,000 feet (board measure) of lumber, inclusive of custom sawing, sawed in 1900, as compared with 462,620,000 feet in 1890. The importance of this industry is due to the remarkable forest lands of the state, over 4,500,000 acres of which have been recently set off by the United States Government as a forest reserve.[1]

In 1900 reports were received from 17 ship and boat builders, including one builder of iron and steel vessels. Figures for the latter can not be shown without disclosing the operations of an individual establishment. The 16 establishments constructing wooden ships and boats reported 338 wage-earners and products valued at $654,385, as compared with 14 establishments, 199 wage-earners, and products valued at $320,715 in the same industry in 1890.

Flour milling stands second among the manufacturing industries of Oregon, and reflects the large wheat-growing interests of the state, the production of this cereal amounting to 16,198,012 bushels in 1900.[2] The flour-milling industry gave employment to 443 wage-earners in 1900, and had a product valued at $6,364,023, as compared with 281 wage-earners in 1890 and products valued at $4,184,473.

The canning of fish ranks next among the industries of the state, with products valued at $1,788,809 in 1900, as compared with $1,643,324 in 1890. This industry, which is almost entirely the canning of salmon caught in the waters of the Columbia River and its tributaries, has its center in the city of Astoria, and is carried on almost exclusively by the Chinese.[3] The industry dates back to 1866, and reached its maximum production in 1883.[4] It is carried on also on the north side of the Columbia River, in the state of Washington, the value of the product of this latter state in 1890 being nearly a third of that of Oregon. The Columbia River has long been famous for its salmon, the product for the year 1895 "exceeding in value that of any other river in the United States or the world."[5] The exhaustion of these fisheries, threatened in the early years of the decade, has been averted by more rigid laws against improvident fishing, and by the artificial propagation of fish.[6] The value of the fish taken in the two states of Oregon and Washington in 1899 amounted to $3,747,788, and 15,554 persons were employed in the industry.[7] During the last decade several refrigerating and freezing plants have been erected, and these, together with the use of refrigerator cars, have made possible the shipment of hundreds of tons of fresh fish annually from Portland to the East and to European cities[8]—a fact which has tended to check the increase in the canned product during recent years.

In 1900 the woolen manufacture gave employment to 672 wage-earners, and had products valued at $897,824, as compared with 358 wage-earners and products valued at $614,932 in 1890. In the number of sheep owned in 1899, Oregon ranked sixth in the country, over 2,000,000 having been reported for that year.

In addition to the industries included in Table 3, attention may be called to the manufacture of paper and wood pulp, the statistics for which appear in Table 7. Five establishments were reported in 1900, with 716 wage-earners and products valued at $1,305,696. Measured by the value of its product, this industry is more important than certain of the industries included in Table 3. These figures, however, can not be used for comparative purposes, because only 2 establishments were reported as engaged in this industry in 1890, and the figures were withheld in order to avoid disclosing the operations of individual establishments.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the city of Portland, as returned at the censuses of 1890 and 1900, with the percentages of increase. The industries of Portland are separately presented in detail in Table 8.

TABLE 4.—COMPARATIVE SUMMARY, PORTLAND, 1890 AND 1900, WITH PER CENT OF INCREASE.

	DATE OF CENSUS.		Per cent of increase, 1890 to 1900.
	1900	1890	
Number of establishments	1,064	569	87.0
Capital	$13,331,500	$16,863,568	[1] 20.9
Wage-earners, average number	8,572	8,653	[1] 0.9
Total wages	$4,347,876	$6,220,337	[1] 30.1
Miscellaneous expenses	$1,186,072	$1,220,577	[1] 2.8
Cost of materials used	$13,312,036	$12,807,106	3.9
Value of products, including custom work and repairing	$23,451,132	$25,427,603	[1] 7.8

[1] Decrease.

It appears from Table 4 that the number of establishments in the city increased during the decade from 569 to 1,064, or 87 per cent; while the average number of wage-earners decreased from 8,653 to 8,572, or 0.9 per cent; and the value of products decreased from $25,427,603 to $23,451,132, or 7.8 per cent. The decrease in these particulars is to be attributed largely to the extraordinary activity in the building trades, and in the manufacturing industries incidental thereto, in 1890 as compared with

[1] Report of the Oregon Board of Horticulture, 1897, page 43.
[2] Yearbook of the Department of Agriculture, 1900, page 767.
[3] Report of United States Fish Commission, 1896, Appendix 12, page 583.
[4] Report of the Oregon Fish and Game Protector, 1897–1898, page 122.
[5] Ibid., 1895–1896, page 61.
[6] Ibid., 1893–1894, pages 7, 27, and 30; 1895–1896, page 9; 1897–1898, pages 5, 6, and 44.
[7] Statistical Bulletin No. 20, United States Fish Commission: Fisheries of the Pacific Coast States, 1899.
[8] Report of United States Fish Commission, 1896, Appendix 12, page 587.

1900. The city of Portland is the principal seaport and railroad center of the state. It is the terminus of three transcontinental lines, and a distributing point for the products and supplies of Oregon, and, to some extent, of Washington, Idaho, and Montana. Manufacturers have, therefore, found it advantageous to locate in this vicinity, many establishments making use of the abundant water-power furnished by the falls of the Willamette, 12 miles above the city. There were 1,064 establishments in Portland in 1900, or 34.5 per cent of the entire number located within the state. These establishments had a combined capital amounting to $13,331,500, or 39.9 per cent of all the capital employed in the state. Of the wage earners, 8,572, or 49.7 per cent of all in the state, were employed in Portland. The total amount of wages paid in the city amounted to $4,347,876, or 52.2 per cent of all wages paid in the state. The value of products, including custom work and repairing, during 1900 was $23,451,132, or 51 per cent of the total product for the state.

Table 5 presents the totals for the manufacturing industries in Astoria, Baker City, La Grande, Oregon City, Portland, and Salem, and places them in comparison with the totals for the entire state, and the state exclusive of these cities.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Total for state	3,088	$33,422,398	3,598	17,236	$8,333,433	$2,242,795	$26,099,885	$46,000,587
Total for urban manufactures	1,413	20,954,790	1,576	11,356	5,633,063	1,684,862	17,114,671	30,353,620
Astoria	81	3,145,983	79	841	419,201	187,231	1,530,436	2,528,370
Baker City	79	482,181	94	345	218,433	55,598	398,986	944,872
La Grande	64	609,682	77	230	130,953	27,343	300,044	560,535
Oregon City	37	2,733,966	39	994	367,904	175,062	1,145,674	2,060,173
Portland	1,064	13,331,500	1,181	8,572	4,347,876	1,186,072	13,312,036	23,451,132
Salem	88	651,478	106	374	148,696	53,556	427,495	808,538
Total for state exclusive of urban manufactures	1,675	12,467,603	2,022	5,880	2,700,370	557,933	8,985,214	15,646,967
Per cent of urban manufactures to total for state	45.8	62.7	43.8	65.9	67.6	75.1	65.6	66.0

The statistics in Table 5 emphasize the concentration of the manufacturing industries of the state in its cities. The urban manufactures constitute 45.8 per cent of the establishments in the state, 62.7 per cent of the capital, 65.9 per cent of the wage-earners, 67.6 per cent of the wages, and 66 per cent of the products.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the city of Portland by specified industries.

Table 9 shows the totals for all industries in the cities withdrawn from the enumerators, exclusive of the city of Portland.

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	3,088	$33,422,393	$4,597,502	$5,684,991	$10,492,960	$12,646,940	8,599	1,280	$1,323,155	17,236	$8,333,433
2	Baker	97	645,469	115,815	70,775	176,726	282,153	115	11	13,580	534	336,609
3	Benton	59	865,174	41,440	56,895	115,390	151,449	72	8	3,834	88	30,802
4	Clackamas	110	3,272,833	325,703	517,977	1,394,212	1,034,941	136	39	113,407	1,169	445,484
5	Clatsop	103	3,349,688	261,354	1,590,053	718,687	779,594	100	76	83,442	1,006	505,708
6	Columbia	52	357,820	67,970	20,295	124,614	144,941	83	1	250	269	117,392
7	Coos	104	848,759	254,625	70,955	283,686	239,493	119	32	22,127	621	292,298
8	Crook	9	54,710	7,960	9,000	17,300	20,450	12	2	1,080	16	7,670
9	Curry	13	225,085	51,997	41,443	46,330	85,315	13	6	4,740	64	9,650
10	Douglas	65	716,579	231,860	56,455	270,591	157,673	75	11	7,405	182	65,712
11	Gilliam	10	17,010	385	3,050	8,275	5,300	10	------	------	6	8,310
12	Grant	34	148,715	34,785	23,815	49,590	40,525	45	------	------	40	18,670
13	Harney	19	78,005	7,270	12,810	20,875	37,050	27	1	400	27	11,247
14	Jackson	97	347,178	46,245	42,401	111,952	146,580	122	15	8,730	175	64,973
15	Josephine	50	297,098	80,697	23,180	81,560	161,661	66	16	10,494	280	90,055
16	Klamath	13	56,851	7,085	9,175	25,776	14,815	16	------	------	26	12,010
17	Lake	9	47,405	6,535	8,820	25,250	6,800	12	------	------	12	4,455
18	Lane	140	1,590,850	581,420	122,795	484,667	401,968	173	27	20,150	595	268,394
19	Lincoln	13	145,334	11,950	15,125	53,225	65,034	16	5	3,150	71	32,190
20	Linn	137	747,943	74,815	80,040	247,354	345,734	174	23	17,682	378	142,579
21	Malheur	12	28,845	970	4,300	10,975	12,600	16	------	------	15	7,466
22	Marion	182	1,133,336	182,336	140,500	379,309	431,191	218	35	24,795	545	217,745
23	Morrow	27	91,860	16,030	13,825	22,775	39,230	30	1	1,500	39	18,365
24	Multnomah	1,091	14,157,229	1,543,094	2,051,373	4,166,639	6,396,123	1,203	843	886,260	9,152	4,693,739
25	Polk	56	345,548	57,105	43,085	136,800	108,558	69	3	3,100	180	80,748
26	Sherman	17	59,205	6,500	8,150	14,375	30,180	20	2	2,200	24	15,013
27	Tillamook	39	313,928	22,395	47,160	105,042	139,331	41	16	9,605	191	81,139
28	Umatilla	86	865,909	141,530	177,750	247,871	298,758	93	19	18,180	308	160,316
29	Union	141	1,418,315	132,360	202,474	547,382	536,099	167	34	31,005	528	272,631
30	Wallowa	34	124,940	12,285	21,725	50,350	40,580	39	4	2,720	41	18,444
31	Wasco	91	721,522	181,530	77,340	233,875	228,777	105	21	16,550	366	190,067
32	Washington	75	283,747	29,562	41,280	139,510	73,395	86	10	5,188	125	48,887
33	Wheeler	11	70,700	19,800	9,275	18,325	23,300	12	1	240	20	8,161
34	Yamhill	92	494,803	92,094	71,695	163,672	167,342	114	18	11,341	143	61,504

TABLE 7.—MANUFACTURES BY

1	All industries	3,088	$33,422,393	$4,597,502	$5,684,991	$10,492,960	$12,646,940	3,599	1,280	$1,323,155	17,236	$8,333,433
2	Awnings, tents, and sails	5	64,260	4,000	1,000	7,140	52,120	5	3	1,900	26	9,560
3	Bags, other than paper	3	40,125	------	------	32,005	8,120	1	10	13,800	44	25,677
4	Bicycle and tricycle repairing	52	50,670	2,680	3,045	24,097	20,848	63	9	5,920	62	28,191
5	Blacksmithing and wheelwrighting	343	411,553	46,155	71,015	93,951	200,432	421	2	1,025	214	120,730
6	Bookbinding and blank book making	3	37,700	------	------	14,400	23,300	6	3	2,340	31	17,294
7	Boots and shoes, custom work and repairing.	111	54,101	2,350	4,667	18,263	28,821	117	------	------	30	13,559
8	Bottling	3	3,600	------	------	1,900	1,700	4	------	------	3	1,560
9	Boxes, wooden packing	6	184,377	8,591	14,640	31,670	129,476	4	13	8,900	190	47,000
10	Brass castings and brass finishing	2	16,400	------	1,500	8,000	6,900	4	------	------	12	8,970
11	Bread and other bakery products	53	288,415	51,550	49,600	77,389	109,876	54	41	33,258	243	105,872
12	Brick and tile	46	194,469	30,450	30,275	53,165	80,579	58	12	9,264	220	97,636
13	Brooms and brushes	5	25,833	335	475	6,325	18,698	6	2	2,160	43	12,700
14	Carpentering	122	202,592	11,830	16,275	46,545	127,942	147	3	2,016	599	354,747
15	Carpets, rag	10	3,930	1,600	1,040	1,040	250	10	------	------	4	910
16	Carriages and wagons	27	79,621	6,500	12,675	20,750	39,696	36	2	200	62	38,886
17	Cars and general shop construction and repairs by steam railroad companies.	14	725,935	141,000	202,433	161,219	221,283	------	29	31,678	751	495,159
18	Cheese, butter, and condensed milk, factory product.	68	223,409	10,355	42,257	98,944	71,853	60	20	8,981	62	27,302
19	Clothing, men's, custom work and repairing.	105	192,533	750	350	15,514	175,919	127	20	18,376	380	194,006
20	Clothing, men's, factory product	3	186,656	------	------	10,081	176,575	19	7	3,418	171	42,879
21	Clothing, women's, dressmaking	71	60,865	3,250	4,575	10,950	42,090	54	2	1,980	298	73,714
22	Clothing, women's, factory product	7	20,403	------	------	1,393	19,010	31	4	1,890	44	12,700
23	Coffee and spice, roasting and grinding	5	209,405	------	------	23,872	185,533	5	27	30,920	33	15,347
24	Confectionery	34	156,372	800	200	27,858	127,514	36	41	22,667	145	44,431
25	Cooperage	12	38,457	7,795	3,525	7,802	19,335	15	------	------	29	15,558
26	Dyeing and cleaning	14	5,070	500	300	2,835	1,435	15	1	300	28	9,897
27	Electrical construction and repairs	8	21,084	------	------	6,967	14,117	9	3	600	24	16,002
28	Engraving, steel, including plate printing.	3	5,578	------	------	2,300	3,278	3	------	------	10	3,740
29	Fish, canning and preserving	24	2,558,642	127,522	1,539,129	363,795	528,196	10	58	56,125	636	219,744
30	Flouring and grist mill products	153	3,172,997	286,760	523,045	866,978	1,496,214	172	83	83,671	443	246,901
31	Foundry and machine shop products	42	972,139	149,247	107,185	343,800	371,907	51	42	49,460	389	222,036

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
15,120	$7,830,594	1,821	$452,939	295	$49,900	$2,242,795	$455,032	$178,769	$1,315,514	$293,480	$26,108,313	$25,513,976	$594,337	$46,000,587	1
496	325,763	29	9,561	9	1,285	65,336	11,092	7,642	31,845	14,757	639,389	627,616	11,773	1,365,503	2
77	28,696	7	1,756	4	350	18,272	2,636	2,355	13,031	250	353,326	348,608	4,718	485,560	3
1,038	417,247	104	24,470	27	3,767	181,896	6,708	11,866	163,322	----------	1,397,043	1,262,566	134,477	2,487,260	4
938	488,153	58	15,995	10	1,560	190,920	12,667	10,023	112,808	55,422	1,662,500	1,639,154	23,346	2,835,624	5
258	114,549	6	1,483	5	1,360	7,589	1,123	1,745	4,721	----------	244,874	244,440	434	501,320	6
586	286,184	27	4,221	8	1,893	33,154	4,587	9,383	18,624	560	685,574	679,367	6,207	1,310,644	7
16	7,670	----------	----------	----------	----------	1,420	25	369	1,026	----------	35,500	35,227	273	54,598	8
61	9,150	----------	----------	3	500	6,135	75	1,893	4,167	----------	17,507	17,130	377	45,337	9
169	62,721	11	2,816	2	175	11,648	3,047	3,585	5,016	----------	230,165	224,888	5,277	447,497	10
6	3,310	----------	----------	----------	----------	1,165	660	249	256	----------	13,380	12,886	494	26,122	11
38	18,170	2	500	----------	----------	4,297	206	1,001	3,090	----------	73,354	71,362	1,992	128,528	12
26	10,887	1	360	----------	----------	3,348	645	668	2,035	----------	29,723	28,440	1,283	70,145	13
129	56,491	42	7,819	4	663	23,615	4,328	2,985	15,682	620	294,401	286,629	7,772	515,873	14
269	88,043	6	1,317	5	695	26,285	2,090	1,790	21,405	1,000	174,595	173,224	1,371	344,624	15
25	11,810	----------	----------	1	200	1,297	20	468	809	----------	33,349	32,609	740	65,944	16
12	4,455	----------	----------	----------	----------	1,426	110	316	1,000	----------	12,527	12,372	155	28,840	17
561	262,458	34	5,936	----------	----------	38,168	7,968	6,898	22,517	785	689,048	681,316	7,732	1,337,237	18
68	31,870	2	200	1	120	6,054	68	581	5,405	----------	45,908	44,757	1,151	96,006	19
318	129,159	52	12,466	8	954	62,425	9,974	4,148	47,985	318	614,018	594,508	19,510	1,035,863	20
15	7,466	----------	----------	----------	----------	1,154	72	264	818	----------	14,640	13,801	839	38,524	21
432	189,808	101	25,294	12	2,643	73,417	15,578	9,409	46,627	1,803	904,558	885,981	18,577	1,506,156	22
36	17,815	3	550	----------	----------	3,982	280	1,072	2,630	----------	60,122	58,996	1,126	134,566	23
7,784	4,362,266	1,212	305,591	156	25,882	1,259,964	343,118	68,926	639,850	208,070	14,004,942	13,727,558	277,384	24,750,579	24
142	69,048	27	9,050	11	2,650	13,811	2,246	1,747	9,578	240	294,379	286,156	8,223	544,969	25
23	14,813	1	200	----------	----------	5,496	132	663	4,701	----------	105,931	102,347	3,584	148,878	26
176	78,254	9	1,000	6	1,885	26,936	5,382	1,255	12,364	7,935	276,060	273,867	2,193	502,445	27
281	153,196	25	6,930	2	190	46,971	4,287	6,275	36,409	----------	1,080,430	1,063,668	16,762	1,496,983	28
500	264,349	24	7,494	4	788	60,509	5,204	10,468	43,487	1,350	747,566	734,039	13,527	1,408,180	29
39	18,009	----------	----------	2	435	4,148	614	972	2,562	----------	82,978	82,116	862	152,892	30
330	183,617	27	5,710	9	740	35,370	6,803	5,160	23,337	70	483,985	477,240	6,745	988,502	31
117	47,007	5	1,100	3	780	11,724	1,273	1,972	8,379	100	406,092	399,880	6,212	556,961	32
19	7,961	1	200	----------	----------	1,708	62	636	1,010	----------	28,193	27,379	814	50,017	33
135	60,199	5	920	3	385	13,155	1,952	1,985	9,018	200	372,256	363,849	8,407	538,410	34

SPECIFIED INDUSTRIES: 1900.

15,120	$7,830,594	1,821	$452,939	295	$49,900	$2,242,795	$455,032	$178,769	$1,315,514	$293,480	$26,108,313	$25,513,976	$594,337	$46,000,587	1
10	5,100	16	4,460	----------	----------	2,701	1,160	271	1,270	----------	46,585	46,110	475	77,166	2
25	16,700	16	7,250	3	1,727	5,660	3,348	560	1,752	----------	270,415	269,310	1,105	323,300	3
61	27,891	1	300	----------	----------	9,805	7,459	452	1,869	25	49,806	48,152	1,654	133,562	4
211	120,351	----------	----------	3	379	23,285	13,792	3,269	6,119	105	259,769	232,411	27,358	736,538	5
25	9,384	32	6,332	4	1,578	1,808	1,020	118	670	----------	16,065	15,322	743	52,700	6
30	13,559	----------	----------	----------	----------	12,866	9,409	325	2,722	410	44,010	42,933	1,077	134,541	7
3	1,560	----------	----------	----------	----------	448	340	8	100	----------	4,540	4,490	50	8,636	8
183	46,550	3	250	4	200	20,632	100	1,057	19,475	----------	93,420	93,310	110	172,070	9
12	8,970	----------	----------	----------	----------	1,816	1,470	30	316	----------	12,119	11,039	1,080	27,665	10
170	89,509	47	10,680	26	5,683	27,087	10,698	2,360	14,029	----------	465,261	456,080	9,181	778,946	11
214	96,228	1	276	5	1,132	11,372	1,993	920	6,909	1,550	37,119	6,441	30,678	227,141	12
32	10,700	11	2,000	----------	----------	1,769	960	152	657	----------	24,598	24,118	480	46,934	13
598	354,439	----------	----------	1	308	174,952	6,952	785	12,268	154,947	546,523	545,506	1,017	1,341,725	14
2	350	2	560	----------	----------	503	291	79	133	----------	3,242	3,120	122	10,224	15
62	38,886	----------	----------	----------	----------	5,864	3,618	464	1,572	210	49,603	46,020	3,583	128,425	16
751	495,159	----------	----------	----------	----------	15,688	----------	9,307	6,381	----------	483,644	463,815	19,829	1,026,169	17
61	27,202	1	100	----------	----------	11,852	3,314	1,118	7,230	190	508,793	501,858	6,935	639,222	18
276	162,313	99	31,111	5	582	54,529	26,195	1,203	9,731	17,400	251,387	247,862	3,525	676,896	19
20	7,315	151	35,564	----------	----------	4,471	1,590	1,156	1,725	----------	107,089	106,409	680	165,204	20
4	2,040	294	71,674	----------	----------	16,171	14,135	487	1,479	70	135,641	134,619	1,022	317,918	21
17	8,620	25	3,846	2	234	4,214	2,522	145	1,397	150	36,831	36,694	137	67,947	22
24	13,010	8	2,155	1	182	11,357	4,416	497	6,444	----------	300,907	298,729	2,178	382,260	23
69	28,928	75	15,269	1	234	25,156	12,524	768	11,864	----------	146,738	142,738	4,000	330,616	24
25	14,808	----------	----------	4	750	1,514	565	172	777	----------	35,713	35,513	200	72,043	25
14	6,440	13	3,382	1	75	3,682	2,392	31	459	800	3,824	2,026	1,798	30,180	26
24	16,002	----------	----------	----------	----------	3,173	2,295	60	818	----------	20,994	20,427	567	50,909	27
9	3,444	1	296	----------	----------	1,231	720	----------	511	----------	1,690	1,675	15	11,658	28
620	217,750	11	1,494	5	500	147,858	3,376	7,502	76,015	60,965	1,182,218	1,168,523	13,695	1,788,809	29
434	242,801	8	4,000	1	100	178,784	12,093	23,038	142,818	835	5,335,838	5,288,779	47,059	6,364,023	30
386	221,549	1	300	1	187	31,533	4,053	5,210	20,920	1,356	314,874	289,425	25,449	816,926	31

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
82	Fruits and vegetables, canning and preserving.	17	$121,355	$16,030	$29,945	$26,650	$48,730	15	9	$10,350	129	$18,070
83	Fur goods	5	38,480			1,765	36,715	7	9	5,332	50	14,921
84	Furniture, cabinetmaking, repairing, and upholstering.	45	112,735	3,600	5,450	20,097	83,588	49	12	12,308	149	55,979
85	Furniture, factory product	11	280,208	7,400	10,100	54,521	208,187	10	12	11,240	198	80,836
86	Gas, illuminating and heating	5	1,533,107	140,500	277,000	1,064,289	51,318		15	13,780	28	18,764
87	Hairwork	3	6,076	1,000	500	200	4,376	3			10	1,700
88	Ice, manufactured	9	172,800	22,100	20,200	107,500	23,000	7	9	13,980	35	25,235
89	Leather, tanned, curried, and finished	16	173,144	11,170	27,470	17,204	117,300	23	1	900	53	27,532
90	Liquors, malt	24	818,654	124,340	240,350	207,711	246,253	24	19	24,200	136	106,041
91	Lock and gun smithing	25	21,841		50	10,886	10,905	28	1	800	14	6,739
92	Looking-glass and picture frames	6	40,208	1,200	4,800	1,070	33,138	7	2	1,086	9	4,880
93	Lumber and timber products	436	8,167,433	2,186,171	494,507	2,738,459	2,748,296	596	223	208,816	4,084	2,023,914
94	Lumber, planing mill products, including sash, doors, and blinds.	41	508,997	115,300	55,500	138,214	199,983	57	25	25,720	335	175,964
95	Marble and stone work	6	55,402	2,320	1,600	21,731	29,751	4	4	3,800	18	8,175
96	Masonry, brick and stone	24	184,275	6,800	1,550	55,685	120,240	36	12	18,100	431	280,989
97	Mattresses and spring beds	3	22,200			11,000	11,200	3	1	700	23	10,320
98	Millinery, custom work	79	121,204	4,975	10,750	6,898	98,581	92	26	11,148	205	37,900
99	Mineral and soda waters	18	153,239	75,450	4,364	42,068	31,417	18	18	12,425	40	20,423
100	Monuments and tombstones	18	63,489	2,600	3,650	5,070	52,169	21	7	4,850	32	20,499
101	Painting, house, sign, etc	79	103,934	2,800	6,300	17,683	77,151	95	5	4,120	221	119,542
102	Paints	3	128,332	5,000	6,500	18,247	98,585	2	7	8,880	39	22,836
103	Paper and wood pulp	5	2,161,186	188,162	394,040	1,035,550	543,434	3	28	101,417	716	282,896
104	Paper hanging	6	38,271			2,950	35,321	5	6	5,000	76	43,560
105	Patent medicines and compounds	9	24,810	3,000	2,000	3,700	16,110	9	7	3,608	14	4,198
106	Paving and paving materials	10	84,832	700	4,050	25,350	54,732	11	5	4,790	138	55,152
107	Perfumery and cosmetics	3	7,200	250	250	1,450	5,250	3	2	3,600	9	5,840
108	Photography	70	77,909	3,925	8,370	32,345	33,269	70	4	2,400	78	29,100
109	Pickles, preserves, and sauces	4	28,025	650	3,400	8,575	15,400	4	1	275	26	6,400
110	Plastering and stuccowork	11	3,693	450	800	588	1,855	16			14	7,315
111	Plumbing, and gas and steam fitting	60	186,453	23,100	6,500	29,125	127,728	77	6	6,150	184	110,266
112	Pottery, terra cotta, and fire-clay products.	5	213,355	50,860	85,949	42,059	34,487	3	9	9,416	57	27,237
113	Printing and publishing, book and job	42	319,012	1,000	3,500	229,244	85,268	54	25	26,515	159	86,113
114	Printing and publishing, newspapers and periodicals.	159	1,312,263	40,485	584,975	454,129	232,674	167	72	86,931	610	292,579
115	Roofing and roofing materials	5	39,800			4,050	35,750	6			36	19,300
116	Saddlery and harness	108	447,905	23,200	31,675	46,989	346,041	117	19	21,160	333	156,093
117	Ship and boat building, wooden	16	126,845	23,750	6,200	39,770	57,125	15	8	10,460	338	187,357
118	Shirts	5	5,800			1,225	4,575	7	5	1,380	28	8,800
119	Slaughtering and meat packing, wholesale.	9	760,448	189,021	238,500	115,356	217,571	9	41	47,130	172	87,821
120	Soap and candles	5	88,740	5,500	2,250	21,222	59,768	3	13	13,673	27	8,709
121	Tinsmithing, coppersmithing, and sheet-iron working.	71	499,342	34,225	42,050	140,200	282,867	88	12	10,975	246	131,725
122	Tobacco, cigars and cigarettes	38	58,655	4,175	4,875	4,659	44,946	46	1	1,200	71	32,961
123	Tools, not elsewhere specified	3	2,250			1,600	650	2	3	2,162	11	6,270
124	Trunks and valises	3	2,850			450	2,400	3			10	4,900
125	Typewriter repairing	3	2,460			1,060	1,400	2	3	1,800	4	1,796
126	Umbrellas and canes	3	11,652			540	11,112	3			5	2,463
127	Upholstering materials	3	8,350	300	650	2,200	5,200	5			14	5,350
128	Watch, clock, and jewelry repairing	98	112,835	8,425	12,085	37,278	55,047	107	6	2,240	73	47,120
129	Wood, turned and carved	9	12,197	1,050	400	5,572	5,175	9			22	7,682
130	Woolen goods	11	1,175,820	102,796	135,221	315,907	621,896	3	29	32,820	672	208,695
131	All other industries[1]	86	2,575,131	269,702	287,519	941,921	1,075,989	70	121	144,669	1,599	861,768

[1] Embraces ammunition, 2; babbitt metal and solder, 1; bags, paper, 1; baking and yeast powders, 1; baskets, and rattan and willow ware, 2; billiard tables and materials, 1; blacking, 1; boot and shoe cut stock, 1; boots and shoes, factory product, 2; boxes, cigar, 1; boxes, fancy and paper, 1; bridges, 2; cars and general shop construction and repairs by street railroad companies, 2; charcoal, 1; china decorating, 1; coffins, burial cases, and undertakers' goods, 1; cordage and twine, 1; corsets, 1; cutlery and edge tools, 1; druggists' preparations, not including prescriptions, 2; electroplating, 1; engraving and diesinking, 1; fertilizers, 1; food preparations, 1; furs, dressed, 1; gas machines and meters, 1; glass cutting, staining, and ornamenting, 1; gloves and mittens, 2; hand stamps, 2; hats and caps, not including fur hats and wool hats, 1; hosiery and knit goods, 1; instruments, professional and scientific, 1; iron and steel, 1; ironwork, architectural and ornamental, 2;

TABLE 8.—MANUFACTURES IN PORTLAND

1	All industries	1,064	$13,331,500	$1,420,388	$1,907,171	$3,853,004	$6,150,937	1,181	806	$844,847	8,572	$4,347,876
2	Awnings, tents, and sails	3	63,950	4,000	1,000	7,050	51,900	4	3	1,900	25	9,156
3	Bags, other than paper	3	40,125			32,005	8,120	1	10	13,800	44	25,677
4	Bicycle and tricycle repairing	19	19,220	1,600	600	11,250	5,770	19	9	5,920	38	17,978
5	Blacksmithing and wheelwrighting	46	36,361	2,450	3,260	12,350	18,301	59	2	1,025	62	39,172
6	Boots and shoes, custom work and repairing.	55	17,581	550	1,032	7,510	8,489	56			18	8,905
7	Brass castings and brass finishing	3	16,400		1,500	8,000	6,900	4			12	8,970
8	Bread and other bakery products	35	225,758	33,500	36,200	66,439	89,619	42	36	31,928	194	77,517
9	Brick and tile	5	48,417	2,000	3,450	13,950	29,017	5	4	2,860	63	27,507
10	Carpentering	76	106,775	3,000	2,225	20,355	81,195	95	3	2,016	384	228,000
11	Carpets, rag	4	1,035	200	160	575	100	4			8	760

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
32	$8,995	60	$6,075	37	$3,000	$4,543	$310	$318	$3,915		$79,290	$77,277	$2,013	$141,498	32
14	4,893	30	9,404	6	624	10,105	3,666	505	5,934		84,306	83,576	730	135,814	33
139	53,791	9	1,936	1	252	20,973	9,614	1,099	5,460	$4,800	75,478	73,672	1,806	228,693	34
194	80,014	3	672	1	150	15,858	4,926	1,453	9,479		163,008	160,728	2,280	298,790	35
28	18,764					23,262		5,307	17,955		52,704	48,956	3,748	174,955	36
		10	1,700			1,068	840	42	186		3,727	3,698	29	7,998	37
35	25,235					14,502	3,000	1,097	10,405		19,155	5,825	13,330	116,031	38
52	27,382	1	150			4,551		812	3,739		190,184	188,133	2,051	249,728	39
133	105,341			3	700	215,584	200	9,756	205,628		172,615	145,031	27,584	714,242	40
14	6,739					3,340	2,656	91	593		12,121	11,510	611	36,235	41
9	4,880					1,248	799	127	322		15,655	15,505	150	30,480	42
3,991	2,002,897	73	15,532	20	5,485	261,917	101,871	42,051	117,995		5,727,720	5,726,125	1,595	10,352,167	43
326	178,734			9	2,230	16,337	3,580	3,674	9,083		312,684	308,815	3,869	651,547	44
18	8,175					1,760	869	163	728		15,244	14,489	755	39,940	45
430	280,889			1	100	10,574	3,358	307	6,009	900	597,710	591,150	6,560	1,028,987	46
18	9,470	2	450	3	400	1,348	760	402	186		19,176	18,294	882	38,794	47
		204	37,710	1	190	21,439	16,254	916	4,261	8	211,062	210,111	951	399,149	48
37	19,725	1	168	2	530	11,390	3,081	671	7,638		44,871	44,111	760	141,552	49
32	20,499					4,229	1,522	300	2,057	350	55,116	54,849	267	123,679	50
221	119,542					13,620	8,294	938	4,068	320	223,381	222,646	735	474,658	51
37	21,876	2	960			6,033	2,100	554	3,379		86,680	85,740	940	141,559	52
708	281,003			8	1,893	147,417	1,800	5,927	139,690		582,078	451,091	130,987	1,305,696	53
75	43,248	1	312			4,479	2,660	200	1,619		42,677	42,500	177	108,746	54
9	2,952	4	1,066	1	180	4,918	1,270	15	3,633		12,839	12,754	85	36,572	55
138	55,152					9,455	1,709	27	7,419	300	44,394	42,779	1,615	154,565	56
7	5,360	2	480			2,997	480	171	2,346		16,460	16,230	230	38,802	57
34	17,861	44	11,239			23,162	15,060	422	5,580	2,100	50,362	49,402	960	135,517	58
17	5,200	9	1,200			1,237	465	192	580		36,773	36,495	278	63,800	59
14	7,315					384	220	55	109		14,748	14,694	54	31,327	60
183	110,122			1	144	16,341	9,577	1,276	5,473	15	282,765	280,921	1,844	523,901	61
53	26,187			4	1,050	6,504		693	5,611	200	23,159	13,363	9,796	90,837	62
132	78,093	21	7,135	6	885	28,831	11,077	1,250	14,904	1,600	116,289	110,351	5,938	351,654	63
417	237,151	142	48,743	51	6,685	140,280	18,415	7,030	83,696	31,139	240,113	228,075	12,038	1,078,337	64
36	19,300					1,770	464	40	1,266		49,985	49,365	620	114,800	65
328	154,433	4	1,560	1	100	24,884	13,418	3,075	8,391		508,203	504,617	3,586	886,617	66
338	187,357					8,351	1,865	1,652	3,503	1,331	306,579	305,114	1,465	654,385	67
3	900	24	7,800	1	100	2,387	1,834	53	500		21,234	21,024	210	43,090	68
166	86,441	1	480	5	900	35,768	3,026	4,754	27,988		1,359,361	1,346,313	13,048	1,638,480	69
14	6,499	1	182	12	2,028	5,453	1,380	150	3,423		83,166	82,136	1,030	127,612	70
211	122,605	34	9,000	1	120	46,485	8,199	2,352	35,384	550	417,402	411,103	6,299	756,352	71
60	31,175	7	955	4	331	19,312	6,006	432	12,874		60,019	59,489	530	146,401	72
11	6,270					515	345		170		6,072	5,839	233	17,440	73
10	4,900					1,573	820	28	225	500	6,906	6,881	25	17,000	74
3	1,376	1	420			822	504	18	300		1,700	1,700		8,100	75
1	900	4	1,563			2,763	1,500	40	1,223		19,500	19,435	65	28,619	76
12	5,000	1	250	1	100	454	240	4	210		7,635	7,265	370	28,000	77
70	46,604			3	516	16,864	11,035	1,093	4,411	325	55,683	54,061	1,622	200,104	78
19	7,232			3	450	1,390	1,057	23	310		11,025	10,655	370	33,005	79
423	147,442	216	56,379	33	4,874	74,323		5,669	68,654		465,855	445,637	20,218	897,824	80
1,496	832,117	94	28,119	9	1,532	138,214	19,606	10,001	98,572	10,035	2,314,188	2,210,992	103,196	3,966,155	81

jewelry, 2; lamps and reflectors, 1; lapidary work, 1; lime and cement, 2; matches, 2; mirrors, 1; models and patterns, 2; mucilage and paste, 1; musical instruments and materials, not specified, 1; nets and seines, 1; oil, linseed, 1; optical goods, 2; photographic materials, 2; photolithographing and photoengraving, 1; regalia and society banners and emblems, 1; rice, cleaning and polishing, 1; sausage, 1; saws, 2; sewing machine repairing, 2; shipbuilding, iron and steel, 1; show cases, 1; sporting goods, 2; stationery goods, not elsewhere specified, 1; steam packing, 1; sugar and molasses, beet, 1; surgical appliances, 1; varnish, 1; vinegar and cider, 2; whips, 1; window shades, 1; wirework, including wire rope and cable, 2; wool scouring, 1.

BY SPECIFIED INDUSTRIES: 1900.

7,220	$4,019,211	1,211	$305,477	141	$23,188	$1,186,072	$339,775	$66,492	$587,708	$192,097	$13,312,036	$13,049,172	$262,864	$23,451,132	1
9	4,800	16	4,356			2,511	1,020	271	1,220		45,760	45,305	455	74,746	2
25	16,700	16	7,250	3	1,727	5,660	3,348	560	1,752		270,415	269,310	1,105	323,300	3
37	17,678	1	300			5,861	4,550	215	1,096		29,695	28,681	1,014	78,206	4
61	38,968			1	204	7,092	5,941	150	1,001		50,330	46,057	4,273	166,737	5
18	8,905					6,957	5,882	80	720	275	18,962	18,397	565	69,663	6
12	8,970					1,816	1,470	30	316		12,119	11,039	1,080	27,665	7
129	63,484	39	8,350	26	5,683	21,187	7,356	1,817	12,014		400,558	393,229	7,329	641,008	8
62	27,327			1	180	1,761	548	100	1,113		13,275	1,400	11,875	66,600	9
384	228,000					133,858	5,161	127	6,400	122,170	380,639	380,499	140	908,330	10
1	200	2	560			310	230	5	75		1,035	963	72	5,020	11

TABLE 8.—MANUFACTURES IN PORTLAND

	Manufacturing and mechanical industries, and cities.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
12	Carriages and wagons	12	$16,775		$575	$7,950	$8,250	16	2	$200	30	$20,519
13	Cheese, butter, and condensed milk, factory product.	5	28,461			13,600	14,861	1	8	4,778	12	5,736
14	Clothing, men's, custom work and repairing.	71	164,746			10,719	154,027	91	19	17,376	326	167,977
15	Clothing, men's, factory product	3	186,656			10,081	176,575	19	7	3,418	171	42,879
16	Clothing, women's, dressmaking	53	52,460	$2,600	2,850	8,795	38,215	63	2	1,980	258	66,261
17	Clothing, women's, factory product	5	18,678			1,168	17,510	23	4	1,890	42	12,200
18	Coffee and spice, roasting and grinding.	5	209,405			23,872	185,533	6	27	30,920	33	15,347
19	Confectionery	19	139,551			19,808	119,743	20	38	21,935	131	38,880
20	Cooperage	8	32,842	7,500	2,300	5,512	17,530	10			22	13,668
21	Dyeing and cleaning	9	3,050			2,185	865	10	1	300	22	8,442
22	Electrical construction and repairs	7	19,634			6,417	13,217	8	8	600	21	14,852
23	Engraving, steel, including plate printing.	3	5,578			2,300	3,278	3			10	3,740
24	Flouring and grist mill products	6	994,357	50,100	52,600	124,300	767,357	3	33	45,630	93	63,991
25	Foundry and machine shop products	22	571,656	101,127	53,802	155,858	260,869	26	36	39,740	264	155,515
26	Fur goods	5	38,480			1,765	36,715	7	9	5,332	50	14,921
27	Furniture, cabinetmaking, repairing, and upholstering.	24	78,610		500	8,822	69,288	24	10	11,228	130	46,504
28	Furniture, factory product	7	224,945	5,000	5,000	34,875	180,070	3	11	10,340	142	56,719
29	Hairwork	3	6,076	1,000	500	200	4,376	3			10	1,700
30	Ice, artificial	4	106,000	15,000	16,500	53,500	21,000	2	9	13,980	22	15,640
31	Lock and gun smithing	19	15,296			7,725	7,571	21	1	800	12	5,609
32	Looking-glass and picture frames	3	26,338		800	900	24,638	4	1	936	7	3,930
33	Lumber and timber products	11	1,488,016	208,000	118,500	483,070	678,446		54	71,925	1,036	577,975
34	Lumber, planing mill products, including sash, doors, and blinds.	6	294,864	88,000	34,500	57,364	115,000	1	24	24,920	224	109,400
35	Masonry, brick and stone	13	136,385			48,055	88,330	21	10	16,900	305	211,304
36	Millinery, custom work	16	53,621	1,500	5,000	2,589	44,532	18	24	10,858	134	25,436
37	Mineral and soda waters	6	128,867	75,000	2,250	25,665	25,952	5	18	12,425	26	14,901
38	Monuments and tombstones	6	36,614		750	3,470	32,394	8	7	4,850	21	14,649
39	Painting, house, sign, etc	58	79,999	2,000	2,850	12,998	62,151	71	5	4,120	172	87,686
40	Paints	3	128,332	5,000	6,500	18,247	98,585	2	7	8,880	39	22,836
41	Paper hanging	4	36,771			2,550	34,221	3	6	5,000	67	37,660
42	Patent medicines and compounds	8	19,310	3,000	2,000	2,700	11,610	9	5	3,008	13	3,898
43	Paving and paving materials	10	84,832	700	4,050	25,350	54,732	11	5	4,790	138	55,152
44	Photography	29	38,862		1,650	13,430	23,782	27	4	2,400	53	21,552
45	Plastering and stuccowork	8	1,988			433	1,555	13			13	6,800
46	Plumbing, and gas and steam fitting	34	117,513	17,000	3,350	14,475	82,688	47	4	4,200	141	85,076
47	Printing and publishing, book and job	32	285,972			206,928	79,044	43	25	26,515	140	76,753
48	Printing and publishing, newspapers and periodicals.	45	882,799	31,000	550,100	189,007	112,692	35	56	74,657	245	149,900
49	Roofing and roofing materials	4	39,400			3,850	35,550	5			34	18,300
50	Saddlery and harness	21	223,127	3,400	8,600	28,263	187,864	24	19	21,160	252	110,462
51	Ship and boat building, wooden	9	97,620	18,000	8,200	28,620	47,800	6	6	8,060	261	120,044
52	Shirts	5	5,800			1,225	4,575	7	5	1,380	28	8,800
53	Slaughtering and meat packing, wholesale.	4	604,282	170,321	216,000	85,746	132,215	1	34	39,790	121	54,025
54	Soap and candles	3	81,490	5,000	250	18,972	57,268		13	13,673	24	7,609
55	Tinsmithing, coppersmithing, and sheet-iron working.	23	136,567	5,400	700	41,125	89,342	23	7	5,475	115	73,211
56	Tobacco, cigars and cigarettes	15	21,013	1,800	1,550	1,852	15,811	18	1	1,200	34	14,876
57	Tools, not elsewhere specified	3	2,250			1,600	650	2	3	2,162	11	6,270
58	Trunks and valises	3	2,850			450	2,400	3			10	4,900
59	Typewriter repairing	3	2,460			1,060	1,400	2	3	1,800	4	1,796
60	Umbrellas and canes	3	11,652			540	11,112	3			5	2,463
61	Watch, clock, and jewelry repairing	34	36,774			11,885	24,889	39	8	1,640	51	34,168
62	Wood, turned and carved	5	6,852	1,000	300	3,552	2,000	5			3	2,629
63	All other industries [1]	98	4,729,402	554,640	765,217	1,838,097	1,571,448	77	170	202,227	2,201	1,168,673

[1] Embraces ammunition, 2; babbitt metal and solder, 1; bags, paper, 1; baking and yeast powders, 1; baskets, and rattan and willow ware, 1; billiard tables and material, 1; blacking, 1; bookbinding and blank book making, 2; boot and shoe cut stock, 1; boots and shoes, factory product, 1; bottling, 1; boxes, cigar, 1; boxes, fancy and paper, 1; bridges, 2; brooms and brushes, 2; cars and general shop construction and repairs by steam railroad companies, 2; cars and general shop construction and repairs by street railroad companies, 2; china decorating, 1; coffins, burial cases, and undertakers' goods, 1; cordage and twine, 1; corsets, 1; druggists' preparations, not including prescriptions, 2; electroplating, 1; engraving and diesinking, 1; fertilizers, 1; fish, canning and preserving, 1; food preparations, 1; fruits and vegetables, canning and preserving, 2; gas, illuminating and heating, 2; gas machines and meters, 1; glass, cutting, staining, and ornamenting, 1; gloves and mittens, 2; hand stamps, 2; hats and caps, not including fur hats, and wool hats, 1; hosiery and knit goods, 1; instruments, professional

TABLE 9.—MANUFACTURES IN CITIES

1	Total for cities	349	$7,623,290	$648,232	$2,298,871	$2,438,025	$2,238,162	395	186	$219,735	2,784	$1,285,187
2	Astoria	81	3,145,983	229,274	1,576,845	620,677	719,187	79	67	77,892	841	419,201
3	Baker City	79	482,181	62,150	52,625	124,046	243,360	94	6	5,000	845	218,433
4	La Grande	64	609,682	44,250	129,900	329,421	106,111	77	11	10,426	230	180,953
5	Oregon City	37	2,733,966	220,408	463,571	1,150,586	899,401	39	25	108,197	994	367,904
6	Salem	88	651,478	92,150	75,930	213,295	270,103	106	24	18,220	374	148,696

BY SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
30	$20,519					$2,969	$2,584	$6	$379		$21,245	$19,626	$1,619	$59,855	12
12	5,786					3,694	2,834	57	803		126,436	125,720	716	171,585	13
242	142,740	80	$24,805	4	$432	47,645	22,159	795	8,291	$16,400	212,292	209,629	2,663	575,589	14
20	7,315	151	35,564			4,471	1,590	1,156	1,725		107,089	106,409	680	165,204	15
2	1,020	256	65,241			14,435	12,819	468	1,078	70	123,284	122,666	618	284,018	16
15	8,120	25	3,846	2	234	3,968	2,384	127	1,307	150	33,646	33,519	127	62,447	17
24	13,010	8	2,155	1	182	11,357	4,416	497	6,444		300,907	298,729	2,178	382,260	18
61	25,015	69	13,709	1	156	21,751	10,046	604	11,101		131,993	128,764	3,229	291,806	19
20	13,218			2	450	1,253	426	125	702		31,619	31,514	105	63,548	20
13	5,860	8	2,507	1	75	2,926	1,960	24	142	800	3,314	1,698	1,616	24,268	21
21	14,852					2,869	2,235	56	578		20,554	20,017	537	47,409	22
9	3,444	1	296			1,231	720		511		1,690	1,675	15	11,658	23
85	59,991	8	4,000			60,002	6,066	2,434	51,502		1,527,824	1,506,760	21,064	1,759,262	24
262	155,028	1	300	1	187	21,166	3,745	3,753	12,318	1,350	215,658	199,007	16,651	578,957	25
14	4,893	30	9,404	6	624	10,105	3,666	505	5,934		84,306	83,576	730	135,814	26
119	44,316	9	1,936	2	252	17,335	7,354	582	4,599	4,800	58,794	57,679	1,115	175,640	27
139	56,047	3	672			10,293	4,590	1,063	4,640		139,224	137,944	1,280	225,293	28
		10	1,700			1,068	840	42	186		3,727	3,698	29	7,998	29
22	15,640					11,685	2,400	635	8,650		13,200	4,800	8,400	91,400	30
12	5,609					2,670	2,158	61	451		10,206	9,701	505	80,562	31
7	3,930					901	654	70	177		13,755	13,605	150	26,080	32
996	568,495	40	9,480			102,932	87,840	7,905	7,187		2,281,278	2,281,278		3,539,268	33
217	107,540			7	1,860	7,845	1,360	2,211	4,274		180,370	180,270	100	385,828	34
305	211,304					5,744	3,338	200	2,206		502,858	497,858	5,000	855,600	35
		132	25,246	2	190	10,539	8,341	458	1,740		119,522	119,171	351	288,387	36
25	14,421			1	480	9,206	1,850	455	6,901		34,375	33,979	396	110,103	37
21	14,649					2,291	972	134	985	200	33,848	33,678	170	81,450	38
172	87,686					10,522	6,686	771	2,745	320	188,250	187,545	705	377,654	39
37	21,876	2	960			6,033	2,100	554	3,379		86,680	85,740	940	141,559	40
66	37,348	1	312			4,164	2,480	165	1,519		38,417	38,250	167	95,746	41
8	2,652	4	1,066	1	180	4,636	1,150	15	3,471		11,824	11,739	85	33,072	42
138	55,152					9,455	1,709	27	7,419	300	44,394	42,779	1,615	154,565	43
27	13,996	26	7,556			16,201	10,503	130	3,468	2,100	29,464	28,879	585	110,232	44
13	6,800					339	220	30	89		12,210	12,156	54	25,715	45
140	84,932			1	144	10,241	6,249	603	3,374	15	196,840	195,635	1,205	374,831	46
118	70,558	16	5,310	6	885	25,945	9,553	996	13,796	1,600	105,600	100,347	5,253	315,506	47
203	132,759	32	15,732	10	1,409	105,057	7,811	4,436	63,649	29,161	159,685	155,247	4,438	637,074	48
34	18,300					1,610	404	40	1,166		48,485	47,965	520	111,300	49
248	108,902	4	1,560			11,598	6,399	796	4,403		348,723	346,360	2,363	568,774	50
261	120,044					6,187	1,195	623	3,068	1,301	186,890	186,700	190	399,717	51
3	900	24	7,800	1	100	2,387	1,834	53	500		21,234	21,024	210	43,090	52
116	53,125			5	900	29,700	1,660	3,388	24,652		1,109,939	1,100,058	9,881	1,306,996	53
11	5,399	12	2,028	1	182	5,137	1,820	115	3,202		78,221	77,251	970	115,859	54
114	73,091			1	120	17,124	5,959	529	10,086	550	136,679	135,665	1,014	303,920	55
32	14,220	1	440	1	216	8,964	3,532	95	5,337		24,111	23,861	250	64,658	56
11	6,270					515	345		170		6,072	5,839	233	17,440	57
10	4,900					1,573	820	28	225	500	6,906	6,881	25	17,000	58
3	1,376	1	420			822	504	18	300		1,700	1,700		8,100	59
1	900	4	1,563			2,763	1,500	40	1,223		19,500	19,435	65	28,619	60
48	33,652			3	516	7,667	6,007	387	1,273		32,364	31,411	953	113,737	61
3	2,629					430	277	18	135		3,216	2,858	358	12,115	62
1,972	1,124,000	179	39,053	50	5,620	317,638	24,205	24,857	258,541	10,035	2,858,830	2,725,997	132,833	5,381,294	63

and scientific, 1; iron and steel, 1; ironwork, architectural and ornamental, 2; jewelry, 2; lamps and reflectors, 1; lapidary work, 1; leather, tanned, curried, and finished, 2; liquors, malt, 2; marble and stone work, 2; matches, 1; mattresses and spring beds, 2; mirrors, 1; models and patterns, 2; mucilage and paste, 1; musical instruments and materials, not specified, 1; oil, linseed, 1; optical goods, 2; perfumery and cosmetics, 2; photographic materials, 2; photolithographing and photoengraving, 1; pickles, preserves, and sauces, 2; pottery, terra cotta, and fire-clay products, 2; regalia and society banners and emblems, 1; rice, cleaning and polishing, 1; sausage, 1; saws, 1; sewing machine repairing, 2; shipbuilding, iron and steel, 1; show cases, 1; stationery goods, not elsewhere specified, 1; steam packing, 1; surgical appliances, 1; upholstering materials, 2; varnish, 1; vinegar and cider, 1; whips, 1; window shades, 1; wirework, including wire rope and cable, 1.

UNDER 20,000 IN POPULATION: 1900.

2,448	$1,200,849	294	$77,376	42	$6,962	$498,790	$45,495	$35,429	$344,634	$73,232	$3,802,635	$3,615,400	$187,235	$6,902,488	1
779	402,446	57	15,695	5	1,060	187,231	12,527	9,359	109,923	55,422	1,530,436	1,507,691	22,745	2,528,370	2
315	209,057	26	8,941	4	435	55,598	10,388	4,392	26,061	14,757	398,986	388,993	9,993	944,872	3
215	126,039	14	4,814	1	100	27,343	3,868	5,552	16,573	1,350	300,044	290,602	9,442	560,535	4
556	340,290	102	24,007	26	3,607	175,062	6,357	9,624	159,081		1,145,674	1,014,441	131,233	2,060,173	5
273	123,017	95	23,919	6	1,760	53,556	12,355	6,502	32,996	1,703	427,495	413,673	13,822	808,538	6

PENNSYLVANIA.

Table 1 shows the manufacturing and mechanical industries of the state of Pennsylvania as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	52,185	39,339	31,232	37,200	22,363	21,605	32.7	26.0	[1]16.0	66.3	3.5
Capital	$1,551,548,712	$991,243,115	$474,510,993	$406,821,845	$190,055,904	$94,473,810	56.5	108.9	16.6	114.1	101.2
Salaried officials, clerks, etc., number	47,439	[2]50,169	(3)	(3)	(3)	(3)	[1]5.4				
Salaries	$48,605,173	[2]$42,215,788	(3)	(3)	(3)	(3)	15.1				
Wage-earners, average number	733,834	570,393	387,072	319,487	222,132	146,766	28.7	47.4	21.2	43.8	51.4
Total wages	$332,072,670	$263,375,215	$134,055,904	$127,976,594	$60,369,165	$37,163,232	26.1	96.5	4.8	112.0	62.4
Men, 16 years and over	574,606	460,939	284,359	256,543	182,593	124,688	24.7	62.1	10.8	40.5	46.4
Wages	$293,697,372	$236,614,013	(3)	(3)	(3)	(3)	24.1				
Women, 16 years and over	126,093	87,035	73,046	43,712	39,539	22,078	44.9	19.2	67.1	10.6	79.1
Wages	$33,067,828	$23,357,951	(3)	(3)	(3)	(3)	41.6				
Children, under 16 years	33,135	22,419	29,667	19,232	(3)	(3)	47.8	[1]24.4	54.3		
Wages	$5,307,470	$3,403,251	(3)	(3)	(3)	(3)	56.0				
Miscellaneous expenses	$134,344,269	$74,841,458	(4)	(4)	(4)	(4)	79.5				
Cost of materials used	$1,042,434,599	$773,734,637	$465,020,563	$421,197,673	$153,477,698	$87,206,377	34.7	66.4	10.4	174.4	76.0
Value of products, including custom work and repairing	$1,834,790,860	$1,331,794,901	$744,818,445	$711,894,344	$290,121,188	$155,044,910	37.8	78.8	4.6	145.4	87.1
Total population	[5]6,302,034	5,258,014	4,282,891	3,521,951	2,906,215	2,311,786	19.9	22.8	21.6	21.2	25.7
Wage-earners engaged in manufactures	733,834	570,393	387,072	319,487	222,132	146,766	28.7	47.4	21.2	43.8	51.4
Per cent of total population	11.6	10.8	9.0	9.1	7.6	6.3					
Assessed value of real estate	[6]$2,766,829,685	$2,042,016,599	$1,540,007,957	$1,071,680,934	$561,192,980	$427,865,660	35.5	32.6	43.7	91.0	31.2
Value of land and buildings invested in manufactures[7]	$375,804,375	$246,972,567	(3)	(3)	(3)	(3)	52.2				
Per cent of assessed value	13.6	12.1									

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[3] Not reported separately.
[4] Not reported.
[5] Exclusive of 81 Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[6] As given in the Annual Report of the Secretary of Internal Affairs, 1900.
[7] Does not include value of rented property.

Table 1 shows that there has been a large growth in the manufacturing and mechanical industries of Pennsylvania during the half century. The population during these years increased from 2,311,786 to 6,302,034, while the average number of wage-earners employed in manufacturing establishments increased from 146,766 to 733,834, embracing, in 1900, 11.6 per cent of the entire population, compared with 6.3 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 928,522, or 14.7 per cent of the total population of the state. The greatest percentage of increase in the value of products, 145.4, is shown for the decade ending with 1870, but the greatest absolute increase, $586,976,456, was between the years 1880 and 1890. The absolute increase during the decade ending with the year 1900, $502,995,959, was greater than that shown for any other state of the United States.

In 1840 and in 1850 Pennsylvania ranked third in the United States in manufacturing and mechanical industries, but at all succeeding censuses its rank has been second. In the amount of power used in manufacturing—an index of the factory system proper—Pennsylvania has ranked first since 1870, using in that year 15.5 per cent of the total power used in the United States and 16.4 per cent in 1900.

Among the various causes which contributed to the early development of manufacturing in Pennsylvania, the favorable location of the state for marketing its manufactured products must be given a very important place. No other state touches the Atlantic seacoast, the Great Lake system, and the navigable waters of the Ohio-Mississippi Valley. Before the construction of railroads, when the densest population was along the Atlantic coast and in the valleys of the Mississippi and Ohio rivers, this location proved a great stimulus to manufacturing. Many of the manufacturers of Philadelphia and vicinity sold their products in the states immediately to the south, while the iron, steel, lumber, and leather industries of the western part of the state, as well as the woolen industry generally, were greatly stimulated by the market for their products afforded by the settlements along the Ohio and Mississippi rivers. The first steam vessel launched on these waters was built at Pittsburg, in 1811, and regular communication was shortly afterwards established between Pittsburg and the Southern states. Communication in the interior

of the state was improved between 1826 and 1839 by the construction of a network of canals and canalized rivers aggregating 578 miles in length—a greater mileage than that of any other state except New York and Ohio. After the building of railroads, many of these canals were abandoned, but the stimulus they gave to manufacturing is evidenced by the fact that of the 12 leading manufacturing cities in the state in 1900, 9 were touched by these canals, while 2 of the remaining 3 were located on the navigable waters of the Delaware and Allegheny rivers. In railroad mileage Pennsylvania ranked second in the United States in 1899, with 10,181 miles of road in operation.[1]

Few states have been so favored as Pennsylvania in natural resources. The raw materials for many kinds of manufactures are abundant, the state ranking high in the production of lumber, tanbark, tobacco, cereals, crude petroleum, and iron ore. It not only has fuel sufficient for its extensive manufactures, but ships an immense surplus each year to other states. The annual coal production of Pennsylvania between the years 1880 and 1899 was each year more than one-half of the total for the United States.[2] Natural gas has been used in the state for manufacturing purposes since 1874.[3] This fuel is without a rival for the manufacture of glass, the puddling of iron, the heating of large furnaces in the manufacture of steel, and the roasting of ores.[4] In 1899 it was used for manufacturing in Pennsylvania in 50 rolling mills and steel works, 75 glass works, and 1,111 other establishments. Although many of the gas fields prominent twelve years ago are now almost exhausted, and the value of the production in 1899 amounted to less than one-half that of 1888, the state still ranked second in production. Partly as a result of these abundant supplies of fuel, the use of waterpower has been relatively of less importance in Pennsylvania than in most other states, and has declined very much in recent years. In 1870 the waterpower was 141,982 horsepower, or 39 per cent of the total power, while in 1900 it had declined to 86,223 horsepower and represented but 4.6 per cent of the total. The use of waterpower was confined very largely to the manufacture of flouring and grist mill products, lumber and timber products, and paper and wood pulp, the amount used in these three industries constituting 82.7 per cent of the total waterpower used in the state.

At the end of the last century manufacturing in Philadelphia and the adjacent parts of Pennsylvania was very much stimulated by the activity of one man, Benjamin Franklin, whose interests extended to the promotion of almost every form of industry. The Society of Arts, the American Philosophical Society, and other similar associations in Philadelphia were active at this time, offering prizes for inventions which were desired in various lines of manufacturing. The Centennial Exposition, held in Philadelphia in 1876, was a great benefit to the industries of the state, and in 1883, a textile department was added to the Pennsylvania Museum and School of Industrial Art.[5] More recently, the Philadelphia Commercial Museum has been organized, for the purpose of assisting American manufacturers to enter the foreign market with their products.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for governmental establishments, educational, eleemosynary, and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

[1] Interstate Commerce Commission: Statistics of Railways in the United States, 1899, page 12.

[2] United States Geological Survey: Mineral Resources, 1899, Metallic Products, Coal, and Coke, page 483.

[3] Tenth Census of the United States, Manufactures, folio 867.

[4] United States Geological Survey: Mineral Resources, 1899, Nonmetallic Products, except Coal and Coke, pages 301, 302, and 305.

[5] Report of the Secretary of Internal Affairs of Pennsylvania, Part III, Industrial Statistics, 1888, page E1.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	63,228	$1,562,286,508	70,254	737,258	$332,881,798	$134,671,739	$1,043,912,345	$249,529,532	$731,218,337	$63,164,476	$1,838,987,038
Hand trades[1]	20,799	53,748,704	23,061	59,196	29,735,786	22,815,039	50,489,016	1,183,050	48,297,303	1,008,663	134,678,795
Governmental establishments	3	3,199,131	--------	397	307,913	14,875	261,064	----------	251 936	9,128	588,062
Educational, eleemosynary, and penal institutions	17	3,763,917	--------	676	371,551	26,726	369,255	39,883	299,072	30,300	816,007
Establishments with a product of less than $500	11,023	3,774,748	11,418	2,351	129,664	285,869	847,427	99,328	748,099	----------	2,792,109
All other establishments	31,386	1,497,800,008	35,775	674,638	302,336,884	111,529,230	991,945,583	248,207,271	681,621,927	62,116,385	1,700,112,065

[1] Includes bicycle and tricycle repairing, 502; blacksmithing and wheelwrighting, 4,509; boots and shoes, custom work and repairing, 2,580, carpentering, 1,846; clothing, men's, custom work and repairing, 2,231; clothing, women's, dressmaking, 1,196; dyeing and cleaning, 184; furniture, cabinetmaking, repairing, and upholstering, 710; lock and gun smithing, 197; masonry, brick and stone, 608; millinery, custom work, 1,344; painting, house, sign, etc., 1,512; paper hanging, 389; plastering and stuccowork, 207; plumbing, and gas and steam fitting, 1,552; sewing machine repairing, 32; taxidermy, 10; typewriter repairing, 3; watch, clock, and jewelry repairing, 1,187.

Of the 63,228 establishments of all classes shown in this table, 31,822, or 50.3 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $137,470,904, or only 7.5 per cent of the total value of the products of the state.

In addition to the 63,228 active establishments in the state during the census year, with a capital of $1,562,286,508, shown in Table 2, there were 349 idle establishments, with a capital of $10,751,710, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Bicycles and tricycles	2	$36,500	Leather, tanned, curried, and finished	13	$807,866
Brass castings and brass finishing	1	20,717	Liquors, distilled	8	122,230
Brick and tile	26	660,512	Liquors, malt	1	15,000
Cheese, butter, and condensed milk, factory product	8	15,675	Lumber and timber products	38	201,223
Clothing, men's, factory product	1	12,000	Lumber, planing mill products, including sash, doors, and blinds	10	49,355
Coke	4	59,200	Marble and stone work	3	48,500
Cooperage	1	38,000	Masonry, brick and stone	1	20,000
Explosives	3	23,300	Paints	3	16,600
Flouring and grist mill products	32	155,270	Paper and wood pulp	2	154,000
Foundry and machine shop products	11	262,480	Paving and paving materials	4	30,089
Fruits and vegetables, canning and preserving	3	24,750	Pottery, terra cotta, and fire-clay products	4	211,200
Furniture, factory product	2	65,500	Pumps, not including steam pumps	1	10,000
Gas and lamp fixtures	1	16,800	Roofing and roofing materials	3	84,500
Glass	19	1,968,582	Silk and silk goods	7	235,381
Hosiery and knit goods	9	61,843	Soap and candles	1	30,000
Ice, manufactured	2	117,000	Tin and terne plate	2	76,000
Iron and steel	38	4,455,269	Woolen goods	20	255,100
Iron and steel, forgings	1	15,000	All other industries	63	118,596
Iron and steel, pipe, wrought	1	257,672			

TABLE 3.—COMPARATIVE SUMMARY OF TWENTY-FIVE LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	15,665	$1,111,294,443	478,780	$221,138,148	$86,059,020	$780,436,743	$1,291,000,950
	1890	12,613	723,558,973	381,760	174,023,356	51,900,172	580,818,362	935,303,641
Increase, 1890 to 1900	--------	3,052	387,735,470	97,020	47,114,792	34,158,848	199,618,381	355,697,309
Per cent of increase	--------	24.2	53.6	25.4	27.1	65.8	34.4	38.0
Per cent of total of all industries in state	1900	30.0	71.6	65.2	66.6	64.1	74.9	70.4
	1890	32.1	73.0	66.9	66.1	69.3	75.1	72.2
Boots and shoes, factory product	1900	146	6,860,480	9,144	3,111,113	572,624	8,210,846	13,235,933
	1890	158	5,394,799	7,616	3,094,582	311,684	5,012,096	10,354,850
Cars and general shop construction and repairs by steam railroad companies.	1900	144	19,182,001	28,554	15,825,640	3,280,079	23,147,574	43,065,171
	1890	61	17,475,056	22,649	12,301,884	82,909	15,822,037	28,769,728
Cars, steam railroad, not including operations of railroad companies.	1900	11	33,828,723	5,840	3,111,556	1,265,456	12,188,811	19,260,910
	1890	15	7,060,466	4,535	1,833,407	465,900	6,496,258	10,080,722
Cheese, butter, and condensed milk, factory product	1900	749	3,033,128	976	445,708	116,195	8,711,635	10,290,006
	1890	300	1,322,384	766	267,147	61,665	4,433,395	5,319,434
Chemicals	1900	100	22,756,656	4,278	2,198,243	931,869	6,805,769	13,034,384
	1890	71	16,618,052	3,284	1,696,148	461,270	8,138,493	13,144,210
Clothing, men's, factory product	1900	481	10,446,107	10,497	4,422,074	2,137,272	12,212,763	23,389,043
	1890	337	15,609,046	7,675	3,298,517	4,053,254	14,780,351	26,732,348
Clothing, women's, factory product	1900	230	5,197,094	8,311	2,606,024	629,266	6,269,950	11,694,580
	1890	80	1,819,002	2,989	766,094	249,188	2,281,471	3,903,596
Coke	1900	89	20,213,147	9,283	4,516,651	1,227,259	11,678,079	22,282,358
	1890	98	12,000,820	5,855	2,902,892	256,263	7,280,566	10,415,628
Electrical apparatus and supplies	1900	63	20,967,587	7,817	4,002,737	1,647,426	11,372,739	19,112,665
	1890	10	475,169	209	90,952	22,767	430,899	674,565
Flouring and grist mill products	1900	2,719	19,516,993	2,195	1,061,869	667,372	30,566,466	36,639,423
	1890	2,226	21,079,642	3,378	1,269,991	865,868	33,238,981	39,478,076
Foundry and machine shop products	1900	1,260	154,958,750	62,828	33,199,521	6,830,037	62,336,770	127,292,440
	1890	856	69,121,468	38,247	21,483,669	3,672,673	29,275,186	67,587,025
Glass	1900	119	28,287,187	19,420	10,287,491	1,867,879	6,435,463	22,011,130
	1890	99	20,459,049	18,510	8,728,520	911,178	5,294,992	17,179,137
Iron and steel: Total	1900	291	309,729,222	110,864	61,908,405	17,845,789	283,142,785	434,445,200
	1890	311	223,556,407	92,473	49,550,665	9,769,125	180,220,237	264,571,624
Blast furnaces	1900	77	72,512,725	16,075	8,038,016	3,269,022	64,095,277	101,575,487
	1890	116	57,411,570	15,612	7,084,308	2,684,671	57,222,481	75,239,203
Forges and bloomeries	1900	5	87,465	125	52,901	3,174	186,859	281,539
	1890	9	281,036	252	109,768	11,620	467,212	618,231
Rolling mills and steel works	1900	209	237,129,032	94,664	53,817,488	14,573,593	218,860,649	332,588,174
	1890	186	165,863,801	76,609	42,356,589	7,072,834	122,530,544	188,714,190
Iron and steel, pipe, wrought	1900	10	11,698,057	3,675	1,678,961	148,202	11,586,470	15,383,693
	1890	14	18,849,616	9,170	4,294,969	811,216	20,597,831	30,249,795

TABLE 3.—COMPARATIVE SUMMARY OF TWENTY-FIVE LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Leather, tanned, curried, and finished	1900	254	$57,320,227	13,396	$5,457,518	$2,432,724	$42,403,503	$55,615,009
	1890	410	30,165,420	10,956	5,222,421	1,650,023	35,641,274	49,931,716
Liquors: Total	1900	281	69,524,514	4,976	3,134,590	15,704,954	8,178,458	34,520,358
	1890	203	28,731,116	3,548	2,364,469	6,921,010	7,787,284	22,698,423
Liquors, distilled	1900	73	5,840,034	471	250,348	2,665,583	1,568,569	5,357,615
	1890	40	2,624,761	400	235,026	2,054,435	1,326,202	4,339,689
Liquors, malt	1900	208	63,684,480	4,505	2,884,242	13,039,371	6,609,889	29,162,743
	1890	163	26,106,355	3,148	2,129,443	4,866,575	6,461,082	18,358,734
Lumber and timber products	1900	2,338	47,832,548	13,510	5,550,163	930,687	20,777,869	35,749,965
	1890	1,948	45,107,300	19,598	5,440,480	1,404,992	15,677,103	29,087,970
Lumber, planing mill products, including sash, doors, and blinds	1900	542	14,191,248	7,472	3,516,550	698,316	9,441,629	16,736,839
	1890	467	14,094,095	7,888	4,219,264	626,568	10,492,181	18,398,688
Paper and wood pulp	1900	73	16,424,107	4,840	1,989,128	1,090,321	6,374,315	12,267,900
	1890	72	9,404,772	2,951	1,256,340	646,472	4,646,456	7,838,299
Petroleum, refining	1900	38	26,580,504	3,299	1,681,603	640,429	27,513,735	34,977,706
	1890	55	17,082,606	3,284	1,503,592	543,668	15,006,919	18,498,777
Printing and publishing: Total	1900	1,795	38,667,775	16,991	8,546,517	5,510,178	9,952,198	36,455,629
	1890	1,487	29,749,695	15,009	8,013,445	7,293,717	8,415,911	34,408,493
Book and job	1900	740	14,226,342	7,190	3,357,306	1,841,852	3,873,618	12,833,204
	1890	478	13,072,177	6,051	2,980,861	2,446,554	3,840,578	13,444,459
Music	1900	13	489,288	236	94,442	47,045	108,792	373,345
	1890	17	607,170	146	75,622	94,057	126,519	427,496
Newspapers and periodicals	1900	1,042	23,952,145	9,565	5,094,769	3,621,281	5,969,788	23,249,080
	1890	992	16,070,348	8,812	4,956,962	4,753,106	4,448,814	20,536,538
Slaughtering: Total	1900	111	6,548,577	1,669	920,190	526,972	21,601,810	25,238,772
	1890	242	6,180,789	1,582	772,422	316,572	18,575,330	21,991,604
Slaughtering and meat packing, wholesale	1900	68	6,009,347	1,383	733,982	372,368	15,128,096	17,826,697
	1890	114	4,828,593	1,004	540,940	215,850	11,669,651	14,110,303
Slaughtering, wholesale, not including meat packing	1900	43	539,230	286	186,258	154,604	6,473,714	7,412,075
	1890	128	1,352,196	578	231,482	100,722	6,905,679	7,881,301
Sugar and molasses, refining	1900	7	23,992,552	1,249	647,592	604,871	33,658,440	36,163,817
	1890	10	7,113,245	1,459	694,195	584,892	41,836,095	46,599,754
Textiles: Total	1900	1,102	127,318,858	102,213	32,772,556	11,841,157	93,371,800	158,782,087
	1890	1,028	93,326,609	79,579	27,205,879	6,102,735	80,074,416	134,001,269
Carpets and rugs, other than rag	1900	93	17,957,607	12,919	5,330,643	1,671,015	13,773,788	23,113,058
	1890	142	15,129,619	12,418	5,246,179	820,434	13,548,371	22,886,416
Cotton goods (including cotton small wares)	1900	178	24,331,965	17,011	6,057,286	2,057,143	13,176,718	25,447,697
	1890	158	15,884,936	12,666	4,388,017	730,125	10,485,247	18,431,773
Dyeing and finishing textiles	1900	105	7,679,906	4,716	2,065,752	556,083	3,174,507	7,038,012
	1890	83	6,296,340	3,355	1,596,565	419,456	2,395,482	5,240,761
Felt goods	1900	3	186,445	75	30,490	11,678	88,715	160,633
	1890	3	242,207	165	101,272	10,780	138,736	322,800
Hosiery and knit goods	1900	319	15,743,981	21,540	5,825,783	1,884,722	10,928,113	21,896,063
	1890	236	9,121,632	15,453	4,262,299	741,956	8,720,363	16,944,237
Shoddy	1900	26	972,070	368	148,240	57,728	1,069,944	1,448,886
	1890	18	640,382	302	116,459	50,305	1,205,258	1,633,770
Silk and silk goods	1900	121	20,894,023	21,028	4,629,626	2,451,820	19,884,869	31,072,926
	1890	66	9,362,063	9,330	2,725,285	939,051	12,094,389	19,357,546
Wool hats	1900	13	750,798	634	255,313	19,501	663,468	1,106,076
	1890	17	1,048,804	1,013	307,425	58,490	747,700	1,444,180
Woolen goods	1900	193	19,405,505	13,721	5,091,932	1,444,778	15,874,544	25,389,344
	1890	264	21,671,137	15,562	5,290,374	1,356,208	19,198,990	29,878,010
Worsted goods	1900	51	19,396,558	10,201	3,337,491	1,686,689	14,737,134	22,109,392
	1890	41	13,929,489	9,315	3,172,004	975,930	11,539,880	17,861,776
Tobacco: Total	1900	2,712	16,218,401	25,483	8,545,748	6,911,686	12,496,866	33,355,932
	1890	2,025	11,762,350	18,550	5,751,412	3,814,563	9,362,600	23,387,910
Chewing, smoking, and snuff	1900	20	1,765,539	257	102,395	451,243	423,245	1,247,397
	1890	11	1,347,228	282	104,217	372,956	507,282	1,355,121
Cigars and cigarettes	1900	2,664	13,836,368	25,045	8,404,687	6,448,701	11,570,888	31,483,141
	1890	1,967	9,471,276	17,385	5,496,557	3,362,955	7,299,782	19,978,429
Stemming and rehandling	1900	28	616,494	181	38,666	11,742	502,733	625,394
	1890	47	943,846	883	150,638	78,652	1,555,536	2,054,360

The 25 leading industries of the state in 1900, as shown in Table 3, embraced 15,665 establishments, or 30 per cent of the total number in the state; used a capital of $1,111,294,443, or 71.6 per cent of the total; gave employment to 478,780 wage-earners, or 65.2 per cent of the total number; and paid $221,138,148, or 66.6 per cent of the total wages. The value of their products was $1,291,000,950, or 70.4 per cent of the total. In the dis-

cussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

Table 3 shows that the manufacture of iron and steel is the most important industry in the state. The 291 establishments reported in 1900 gave employment to 110,864 wage-earners, or 15.1 per cent of the wage-earners employed in the state, and the products were valued at $434,445,200, or 23.7 per cent of the total value of the products of the state. In 1890 there were 311 establishments, 92,473 wage-earners, and products valued at $264,571,624. The increase in the value of products during the decade was $169,873,576, or 64.2 per cent.

From a very early period Pennsylvania has ranked first in this industry. In 1880 the value of its iron and steel products amounted to 49.1 per cent of the total for the United States, and in 1900 to 54 per cent. Allegheny county, which includes the cities of Pittsburg, McKeesport, and Duquesne, was the most important center for the industry in 1900. Other important centers were Johnstown and Newcastle. Iron had been made in several of the other colonies before its manufacture was attempted in Pennsylvania. The industry had its beginning under the encouragement of William Penn. In a book published in Philadelphia in 1692 it was stated that a small amount of iron had been made in the state, but the location was not specified.[1] The first successful attempt to establish works in Pennsylvania for the manufacture of iron was made in 1716, when Thomas Rutter, a smith, erected a bloomery forge on Manatawny Creek, in Berks county, about three miles above Pottstown. In 1728–29 the colony exported 274 tons of pig iron to England. In 1756 Pennsylvania was spoken of as "the most advanced of all the American colonies in regard to its iron works." The industry was greatly stimulated by the discovery of immense deposits of magnetic iron ore in the Cornwall ore hills, near the city of Lebanon. Beginning in 1788 there was a considerable development of the industry in the Juniata Valley, in the south central part of the state, the pig and bar iron manufactured being sold chiefly in Pittsburg, to which point it was carried partly on the backs of horses and partly on flatboats, until the canals were built between the years 1826 and 1839.[2] The first blast furnace west of the Allegheny Mountains was erected on Jacob's Creek, in Fayette county, south of Pittsburg, in 1789, and was blown in 1790.[3] This was the great iron center of western Pennsylvania far into the Nineteenth century, supplying Pittsburg and the Ohio and Mississippi valleys with pig iron and castings for many years. A blast furnace erected at Pittsburg about the year 1792 was soon abandoned, because no ore could be found in the vicinity, and the expense of transporting it from a distance was too great.[4] It was not until 1859 that pig iron was again made in Pittsburg, the Clinton Furnace having been built and blown in that year. In 1812 a rolling mill was built at Pittsburg, and in 1829 there were 8 rolling mills in Allegheny county.

Practically all the furnaces operated in the state prior to 1840 used charcoal as fuel. About that year the use of mineral fuel was introduced, and the modern era of the industry began. With the immense coal supplies of the state available as fuel, the production of charcoal pig iron declined until in 1900 it amounted to only 4,341 tons. Anthracite coal was used first, and for many years was more important than bituminous fuel, but since 1875 this relation has been reversed. In 1880 bituminous coal and coke pig iron constituted 34.9 per cent of the total production, as compared with 61.3 per cent in 1890 and 76.1 per cent in 1900. In the latter year almost all the pig iron made with bituminous fuel was produced with coke alone, very little bituminous coal being mixed with the coke. There are extensive deposits of iron ore in the state, and these local ores were used almost exclusively, up to the middle of the century. Since then the production of iron ore has greatly increased, amounting to 1,009,327 long tons in 1899, when the state ranked fourth in the United States,[5] but these ores supplied but a small part of the blast furnaces of the state, the more important source of supply, in recent years, being the mines in the Lake Superior district. This ore was first used in a blast furnace in the United States near Sharon, Pa., in 1853. In 1855 the Sault Ste. Marie Canal was opened, and the great development of the Lake Superior iron ore trade began.[6] Of the 18,251,804 long tons of iron ore shipped from these mines in 1899, 15,222,187 tons were received at the eleven Lake Erie ports, the greater part of this being shipped directly to Pennsylvania.[7] To control deliveries and freight rates, one Pennsylvania steel company has built a railroad connecting its works at Pittsburg with Lake Erie.

As a result of these two important changes—the increased use of bituminous as compared with anthracite fuel, and the increased use of Lake Superior iron ores as compared with the Pennsylvania ores—the localization of the iron industry in the state has been considerably changed. The anthracite coal region is in the eastern part of the state, chiefly in Luzerne, Lackawanna, and Schuylkill counties, and the iron ore deposits are located here and in the southern parts of the state.[8] Until about the middle of the century the center of iron manufactures also was here. During recent years, however, as a result of the causes just named, the greatest production has come to be in the western part of the state, chiefly in the Pittsburg district. Here the blast furnaces are nearer the Lake Superior ore, and are favored by their proximity to the abundant coke of the Connellsville region, which is equal, if not superior, to

[1] Tenth Census of the United States, Manufactures, folios 807, 809, and 814.
[2] Ibid., folios 817 and 820.
[3] Iron in all Ages, by J. M. Swank, Second Edition, 1892, page 214.
[4] Tenth Census of the United States, Manufactures, folio 821.
[5] United States Geological Survey: Mineral Resources, 1899, Metallic Products, Coal, and Coke, page 34.
[6] Tenth Census of the United States, Manufactures, folios 843 and 844.
[7] United States Geological Survey: Mineral Resources, 1899, Metallic Products, Coal, and Coke, pages 57, 60, and 62.
[8] Ibid., pages 46 and 487.

any other coke produced in the United States. The western part of the state has been further favored by the abundant production of natural gas in that region. This fuel is very largely used in the rolling mills of the state, its cost during the census year constituting 22.3 per cent of the total cost of fuel.

The development of the steel manufacture in Pennsylvania was slow. It had been attempted about 1750, and in 1805 there were 2 steel furnaces in the state which produced annually 150 tons of steel. In 1810 only 917 tons were produced in the United States, of which amount 531 tons were produced in 5 furnaces in Pennsylvania. Three years later there was a steel furnace in Pittsburg, the first in that city. While there was a considerable increase in the quantity, the quality was variable until 1860, when crucible cast steel of the highest grade was made in Pittsburg as a regular product.[1] This triumph marks the establishment of a new industry. The manufacture of Bessemer steel was begun in Pennsylvania in 1867, an establishment at Steelton, in Dauphin county, being the third in the United States to use this process. The first steel rails made in the United States upon order, in the way of regular business, were manufactured in the same year at Johnstown.[2] The most characteristic development in the steel industry of Pennsylvania during the last fifteen years has been the increasing importance of open-hearth as compared with Bessemer steel.

Closely allied to the iron and steel industry is the manufacture of tin and terne plate, the statistics of which are shown in Table 7. There were 25 establishments engaged in this industry in 1900, with 1,578 wage-earners, and products valued at $12,530,991. The state ranked first in this manufacture, the value of its products amounting to 39.3 per cent of the total for the United States. Tin and terne plate was first regularly made in the United States in 1872, at an establishment in Pittsburg, but the great development of the industry has taken place since 1890.

The manufacture of textiles ranks second among the industries of the state, with 1,102 establishments, 102,213 wage-earners, and products valued at $158,782,087. In 1890 there were 1,028 establishments, 79,579 wage-earners, and products valued at $134,001,269. The increase in the value of products during the decade was $24,780,818, or 18.5 per cent.

Pennsylvania ranked second in the United States in this industry in 1900, by far the larger part of the operations being confined to the city of Philadelphia, which is the greatest textile center in the country.

Of the several branches of the industry, the manufacture of silk stood first in the value of products in 1900. In 1880 Pennsylvania ranked fifth in this manufacture in the United States, having 8.5 per cent of the total value of products for the country. In 1900 it ranked second, with 29 per cent of the total. The industry was carried on most extensively at Philadelphia, Scranton, Allentown, and Easton. Silk culture was recommended and encouraged very early in the history of the state, and a filature for reeling silk from cocoons was opened in Philadelphia in 1750, under the patronage of Benjamin Franklin and others. Considerable quantities of sewing silk were made in families, and to Susanna Wright, of Columbia, Lancaster county, a Quaker of some literary fame, a premium was awarded in 1770 for reeling and weaving, from home-grown cocoons, a piece of "mantua" sixty yards long, from which a dress was made for Queen Charlotte.[3] In 1793 the making of fringes, coach laces, and tassels was begun in Philadelphia. and in 1815 the industry was expanded to include silk trimmings, naval sashes, ribbons, and braids. Power looms were introduced about 1837, for weaving ribbon and other narrow goods. One establishment soon became the most extensive producer of trimmings in the United States, having made gold lace several years before its manufacture was attempted in Europe. Excellent black silk plush was made in Philadelphia in 1831, and figured silk vestings and other woven goods at Economy about the same time. About 1839 the culture of silk was abandoned, and attention confined to the manufacture, which has advanced steadily, the greatest growth being between the years 1880 and 1890. During the last decade many localities have offered financial inducements to attract the industry. At many of the establishments in recent years the operations consist entirely in "throwing," the thrown silk being sent to other states to be woven into cloth.

In 1880 Pennsylvania ranked sixth in the United States in the manufacture of cotton goods, having 5.7 per cent of the total value of products for the United States. In 1900 the state ranked fifth, with 7.0 per cent of the total. The industry was carried on in 1900 most extensively at Philadelphia and Chester. As early as 1775 a spinning jenny of 24 threads was put into operation in Philadelphia, and in 1782 Samuel Wetherall advertised for sale probably the first factory-made jeans, fustians, and everlastings made in the United States.[4] In 1810, 611,481 yards of cotton goods of household manufacture were produced in the state, 233,232 yards of which were made in the county of Philadelphia. The industry was reported, however, for almost every county in the state. In addition 65,326 yards were made in 6 mills in Philadelphia county. A plant for the manufacture of "Nottingham lace" was established at Wilkesbarre in 1886, and operated with considerable success. In 1891 the manufacture was begun in Philadelphia, and in 1895 and 1896 plants were built at Scranton and Columbia. In 1899 there were 9 lace plants in the United States, 7 of which were located in Pennsylvania.[5] The use of cotton for decorative fabrics originated in Philadelphia, where it has been brought to

[1] Tenth Census of the United States, Manufactures, folio 858.
[2] Ibid., folio 862.
[3] Eighth Census of the United States, Manufactures, Introduction, pages xcix, c, and cii.
[4] Ibid., page xv.
[5] Report of the Secretary of Internal Affairs of Pennsylvania, Part III, Industrial Statistics, 1899, pages 54 to 57.

great perfection, cotton tapestries and chenille curtains being most conspicuous in this line.

In 1870 Pennsylvania ranked second in the manufacture of woolen goods, having 17.7 per cent of the total value of the products for the United States. The state ranked second in 1900 also, with 21.4 per cent of the total. The industry was carried on in 1900 almost entirely in the city of Philadelphia. The manufacture of woolen goods was established in Pennsylvania, on the banks of the Schuylkill River, by English settlers, and was characterized in the early days by the large number of small, independent factories, many of which used hand looms.[1] In 1810, 30,666 yards of woolen cloth were manufactured in the factories of the state, and the industry was carried on also in households in almost every county, 997,346 yards of cloth being thus manufactured. There were 213 fulling mills in operation, which reported 687,383 yards of cloth fulled, and 340 carding mills, which reported 1,940,350 pounds of wool carded. In 1850 Pennsylvania produced more yarn than any other state. This was consumed chiefly by the hand-loom weavers of that and the Western states. In 1860 all-wool and mixed cassimeres, satinets, Kentucky jeans, twills, tweeds, and flannels were manufactured in Philadelphia in large quantities, and were sold largely in the West. With the concentration of the industry in the city of Philadelphia, there has been a gradual subdivision of the manufacture. This has created a large number of independent subordinate industries, carried on in separate establishments. The mills of this city excel in various products, especially in women's dress goods novelties.[2]

The growth of the carpet industry in Pennsylvania has been remarkable. In 1850 the state ranked third, with products valued at 21 per cent of the total for the United States. In 1870 it ranked first, with 44.8 per cent of the total, and in 1900 first, with 48 per cent of the total. The industry was carried on in 1900 almost entirely in the city of Philadelphia. Carpets were seldom seen in the United States before the Revolution. As early as 1791, however, a factory was in operation at Philadelphia, making Turkey and Axminster carpets.[3] In 1810, 9,034 yards of carpets were manufactured in Pennsylvania, 7,501 yards of which were made in Philadelphia. In 1857 there were more than a hundred carpet manufacturers in this city using hand looms, and one manufacturer using power looms. The first successful power loom for weaving ingrain carpets was invented by a New England man, and the New England manufacturers refused for a long time to allow it to be used outside of their mills.[4] It was, therefore, not until 1868, when the Murkland power loom was introduced, that Philadelphia was placed on an equal footing with New England in this industry. Between the years 1880 and 1890 great improvements were made in the weaving and designing of ingrain carpets, due largely to the importation of some remarkably beautiful specimens of these carpetings from England.

Ingrain carpets have always been the most important product of the Philadelphia factories. Desultory attempts were made to manufacture finer fabrics,[5] but as late as 1870 there was not a Brussels loom in operation in the state, although they had been in practical use in the New England states for years. Probably more ingrain carpets are now made in this city than in any other city in the world. The manufacture of Venetian carpeting—a striped fabric for halls and stairs—was for many years an extensive branch of the Philadelphia industry. This has now almost disappeared, due to the decreased cost of tapestry Brussels carpeting, which has taken its place. The first tapestries manufactured in Pennsylvania were made in Philadelphia in 1873, and tapestry weaving has since become a very considerable feature of the Philadelphia industry.[6] The manufacture of Smyrna rugs was introduced from England about 1876, and was soon brought to great perfection in Philadelphia. Since the invention of the power "setting machine," the cost of manufacture has been very much reduced.

In 1870 Pennsylvania ranked second in the manufacture of worsted goods, with 35.7 per cent of the total value of products for the United States; and third in 1900, with 18.4 per cent of the total. The industry was carried on in 1900 almost entirely in the city of Philadelphia. The first power-combing worsted mills in this city were established about 1860, making nothing but yarns. At this time the industry received its greatest stimulus, through the introduction of the Noble comb from England, a machine which made possible the use of short, fine wools for worsted yarns.[7]

Pennsylvania has ranked second in the manufacture of hosiery and knit goods since 1870, having in that year 28.8 per cent of the total value of products for the United States, and 22.9 per cent in 1900. Philadelphia is the leading center of the industry. It differs from the other great center, Cohoes, N. Y., and its neighboring towns, in that the products in Philadelphia are chiefly hosiery, while the New York mills produce mostly underwear. The German Palatines who settled in Germantown about 1698 appear to have introduced the manufacture of hosiery into the United States. At the semiannual fairs established by William Penn in Philadelphia, the German hosiery exhibit was always a striking feature.[8] In 1810, 107,508 pairs of stockings were manufactured in Pennsylvania, 53,981 of which were made in Philadelphia county. In 1858 there were 700 hand-knitting frames in operation in the city of Philadelphia. Some of the most famous and successful knitting machines have been invented in this

[1] Eighth Census of the United States, Manufactures, Introduction, page xxxiii.

[2] Report of the Secretary of Internal Affairs of Pennsylvania, Part III, Industrial Statistics, 1899, pages 94 and 96.

[3] Eighth Census of the United States, Manufactures, Introduction, pages liv and lviii.

[4] Report of the Secretary of Internal Affairs of Pennsylvania, Part III, Industrial Statistics, 1889, pages D14 to D18.

[5] Report of the Secretary of Internal Affairs of Pennsylvania, Part III, Industrial Statistics, 1889, pages D9, D41, and D45.

[6] Ibid., pages D38 and D43.

[7] Ibid., 1888, page D1.

[8] Eighth Census of the United States, Manufactures, Introduction, pages xlii and xlv.

city. A peculiarity of the industry in Philadelphia in early days—the carrying on of knitting as a house occupation by hand-frame operatives—has persisted somewhat to the present time. While Pennsylvania has a representation of large mills unequalled by any other state except New York, it has also a large number of establishments located within its borders which employ very few machines, and use knitting merely as an outlet for some other business or manufacturing enterprise.

The dyeing and finishing of textiles in Pennsylvania is centered chiefly in the city of Philadelphia. Calico printing from wooden blocks was carried on in this city as early as 1788, when John Hewson, sr., assisted by a loan of £200 from the state, began operations at Dyottsville, within the present limits of Philadelphia. The cloth was spread out on a table and the stamping done by hand.[1] In 1803 there were 3 print works in Philadelphia, printing annually 300,000 pounds of calico. It was in 1809 that cotton goods were first printed in the United States upon engraved copper rollers. This was done at the printing and bleaching works of Thorp, Siddle & Co., near Philadelphia, the machinery being imported from England. In 1810 there were 40 dyers in Pennsylvania, 8 of whom were in Philadelphia county. In 1822 the engraving of metallic rollers for calico printing was begun in Philadelphia by Mason & Baldwin, who took out patents in 1827 for biting figures on steel cylinders.

A machine for reducing rags to shoddy was patented by a Philadelphia manufacturer about the beginning of the century, and shortly afterwards an attempt was made to make shoddy at this point, but the industry did not assume importance until about the middle of the century.[2]

Reading and the adjoining village of Mohn's Store constitute the chief center in the United States for the manufacture of wool hats.[3] In 1786 it was estimated that 160,000 wool hats were made in the state, and Berks county, which includes the city of Reading, was even at that time the chief center.[4] In 1860, 474,924 wool and mixed hats were manufactured, the state leading all others in this industry. The decline in recent years has been due to the increased use of rabbits' fur instead of wool in the manufacture of hats.

There were 1,260 establishments engaged in 1900 in the manufacture of foundry and machine shop products, the industry third in rank, with 62,828 wage-earners, and products valued at $127,292,440. In 1890 there were 886 establishments, 38,247 wage-earners, and products valued at $67,587,025. The increase in the value of products during the decade was $59,705,415, or 88.3 per cent. Allied to this industry is the manufacture of iron and steel wrought pipe, in which there were 10 establishments engaged in 1900, with 3,675 wage-earners, and products valued at $15,383,693. In 1890 there were 14 establishments, 9,170 wage-earners, and products valued at $30,249,795. The decrease in the value of products during the decade was $14,866,102, or 49.1 per cent. Pennsylvania has always held high rank in the foundry and machine shop industry, and especially so in certain of the products. The state ranked first in the number of steam locomotives built in 1900, producing more than one-half of the total for the United States; second in metal-working machinery; and second in pumping machinery. In 1831, one year after the first locomotive was built in the United States for actual work, locomotive building was begun at Philadelphia, and in 1832 "Old Ironsides" was completed for the Germantown and Norristown Railroad Company. This locomotive had a stiff wooden frame, and its driving wheels had wooden spokes. This pioneer company is still in existence, and has now a capacity of over a thousand locomotives per year. The exportation of locomotives from Pennsylvania to European markets began in 1845, and has continued increasingly up to the present time. In 1865 works were organized in Pittsburg which still exist, and have now a capacity of 300 locomotives per year.[5]

What was probably the first stove made in the United States, a "jamb stove," was manufactured by Christopher Sauer, of Germantown, between 1730 and 1740.[6] In 1742 Franklin invented his stove, the pieces of which were cast in a new furnace near Reading. The name of this furnace, "Warwick," was cast on the front of each stove.[7] The first printing press made in the United States came from the shop of Adam Ramage, in Philadelphia, about 1795.[8] In 1810 there were 2 printing-press factories in this city, reporting products valued at $26,000, and 2 manufactories of hydraulic engines, reporting products valued at $25,000. The cannon balls used by General Jackson at the battle of New Orleans were cast in works built in Fayette county in 1797. Hollow ware, Dutch ovens, stoves, sugar kettles, skillets, pots, grates, irons, and plow castings also were made. A portion of these goods was consumed in the state, and the remainder shipped down the Ohio and Mississippi rivers.[9] In 1836 there were 18 foundries, engine factories, and machine shops in the city of Pittsburg.

Numerous other iron and steel products are made in large quantities in Pennsylvania, the statistics being shown in Table 7 under the classifications, bridges, and ironwork, architectural and ornamental.

There were 254 establishments engaged in the tanning, currying, and finishing of leather in 1900, with 13,396 wage-earners, and products valued at $55,615,009. In

[1] Eighth Census of the United States, Manufactures, Introduction, page xviii.
[2] Ibid., page xxxiv.
[3] Report of the Secretary of Internal Affairs of Pennsylvania, Part III, Industrial Statistics, 1899, pages 109 and 110.
[4] Eighth Census of the United States, Manufactures, Introduction, page clviii.
[5] One Hundred Years of American Commerce, Vol. II, pages 337 and 338.
[6] Ibid., page 357.
[7] Tenth Census of the United States, Manufactures, folio 810.
[8] One Hundred Years of American Commerce, Vol. II, page 650.
[9] Tenth Census of the United States, Manufactures, folios 814 and 821.

1890 there were 410 establishments, 10,956 wage-earners, and products valued at $49,931,716. The increase in the value of products during the decade was $5,683,293, or 11.4 per cent. In 1880 Pennsylvania ranked second in this industry, having 18.9 per cent of the total value of the products for the United States; and first in 1900, with 27.3 per cent of the total. The industry was carried on in 1900 most extensively at Philadelphia and in Tioga, Elk, Potter, and Clearfield counties. In 1810 there were 715 tanneries in the state, with products valued at $1,599,044. The value of products was large in Philadelphia, York, and Lancaster counties, but the industry was carried on in almost every county in the state. The process of tanning by the use of chemicals was brought to perfection at Philadelphia shortly after 1856, and within five years led to the development of an establishment which, in 1895, was reported to be the largest leather manufactory in the world.[1] Upon the exhaustion of the hemlock bark in the southeastern part of New York state, some years after the Civil War, tanners turned their attention to the vast hemlock forests of central and northern Pennsylvania, and a great development in the leather industry followed.[2] Hemlock bark and chemicals were the leading tanning materials used in the state in 1900.

There were 144 establishments engaged in the car construction and general shop work of steam railroad companies in 1900, with 28,554 wage-earners, and products valued at $43,065,171. In 1890 there were 61 establishments, 22,649 wage-earners, and products valued at $28,769,728. The increase in the value of products during the decade was $14,295,443, or 49.7 per cent. Pennsylvania ranked first in this industry in 1900, the value of its products amounting to 19.7 per cent of the total for the United States.

Allied to this is the manufacture of steam railroad cars other than by railroad companies. There were 11 establishments engaged in this industry in 1900, with 5,840 wage-earners, and products valued at $19,260,910. In 1890 there were 15 establishments, 4,535 wage-earners, and products valued at $10,080,722. The increase in the value of products during the decade was $9,180,188, or 91.1 per cent. Pennsylvania ranked second in this industry in 1900, and the value of its products amounted to 21.3 per cent of the total for the United States.

In these two classes of establishments 167 passenger cars, valued at $200,400, and 23,697 freight cars, valued at $12,968,113, were manufactured during the census year. Establishments operated by steam railroad companies were located at Altoona, Reading, Philadelphia, and other cities, while car construction by other establishments was carried on most extensively at Allegheny, Pittsburg, and Berwick.

There were 2,719 establishments engaged in the manufacture of flouring and grist mill products in 1900, with 2,195 wage-earners, and products valued at $36,639,423. In 1890 there were 2,226 establishments, 3,378 wage-earners, and products valued at $39,478,076. The decrease in the value of products during the decade was $2,838,653, or 7.2 per cent. In 1900 the industry was carried on most extensively in Dauphin, Lancaster, Berks, and York counties. In 1899 Pennsylvania ranked thirteenth in the production of corn and twelfth in the production of wheat.[3] In 1810 flour and grist milling was carried on in almost every county in the state, the value of products of the "wheat mills" being reported at $10,800,290. At that time Northampton produced more flour than any other county.

There were 1,795 establishments engaged in printing and publishing in 1900, with 16,991 wage-earners, and products valued at $36,455,629. In 1890 there were 1,487 establishments, 15,009 wage-earners, and products valued at $34,408,493. The increase in the value of products during the decade was $2,047,136, or 5.9 per cent. Pennsylvania ranked second in the printing and publishing of newspapers and periodicals in 1900, and the value of its products amounted to 10.4 per cent of the total for the United States. The first printing press in Pennsylvania was erected in Philadelphia, in 1686, four years after the first English settlement was made in the colony. The publication of magazines and other periodicals was attempted by Franklin as early as 1741. In 1810 it was estimated that half a million volumes were printed annually in Philadelphia.[4] The first Bible printed in the United States, except those printed in the Indian language, was from the press of Christopher Sauer, at Germantown, in 1743. The descendants of this early printer are still publishers in the city of Philadelphia. For fifty years after the Revolution this city was unquestionably first in the printing industry, the first daily paper in the United States having been established there in 1784. Shortly after the beginning of the century 110 wooden presses were in operation in Philadelphia—a larger number than in any other English-speaking city in the world except London.[5] The growth of book publishing was promoted by annual fairs and auction sales established in 1802 by the American Company of Booksellers, and held for a while alternately in New York and Philadelphia. In 1810, 73 newspapers were published in Pennsylvania, 8 of which were daily papers—a larger number than was published in New York state at that time.[6] In 1817 "The Columbian," a hand press, was invented by George Clymer, of Pennsylvania, and was introduced in the following year into England, where it remained in use until 1860. It was the first press built in the United States capable of printing both sides of a newspaper at once.

There were 7 establishments engaged in the refining of sugar and molasses in 1900, with 1,249 wage-earners, and products valued at $36,163,817. In 1890 there were 10 establishments, 1,459 wage-earners, and products valued at $46,599,754. The decrease during the decade was

[1] One Hundred Years of American Commerce, Vol. II, page 497.
[2] Report of the Secretary of Internal Affairs of Pennsylvania, Part III, Industrial Statistics, 1892, page A11.
[3] Yearbook of the United States Department of Agriculture, 1899, pages 765 and 766.
[4] Eighth Census of the United States, Manufactures, Introduction, pages cxxxv, cxxxvii, and cxxxviii.
[5] One Hundred Years of American Commerce, Vol. I, pages 309 and 314.
[6] Ibid., page 167.

$10,435,937, or 22.4 per cent. This industry has always been confined very largely to Philadelphia, because the raw sugar used is brought chiefly from foreign markets. In 1810, 10 sugar refineries were in operation in this city, with products valued at $605,600. In 1840 there were 3 small refineries, located in alleys and side streets and operated by rude and unscientific methods.[1] In 1866 the first sugar refinery was built on the Delaware River front. This marked a new era in the industry, with better transportation facilities, improved machines, and scientific methods of operation. In 1890 the largest of the refineries in Philadelphia had a capacity of 7,000 barrels per day, and used more raw sugar each year than was produced in the United States. The raw cane sugar was brought chiefly from the West Indies, Brazil, Demerara, and the East Indies, and large cargoes of raw beet sugar were brought from Germany and other countries.

There were 2,338 establishments engaged in the manufacture of lumber and timber products in 1900, with 13,510 wage-earners, and products valued at $35,749,965. In 1890 there were 1,948 establishments, 19,598 wage-earners, and products valued at $29,087,970. The increase in the value of products during the decade was $6,661,995, or 22.9 per cent.

Although the production of lumber has increased since 1870, the state has fallen in rank. In that year it stood second, having 13.8 per cent of the total value of products for the United States, while in 1900 it stood fourth, with but 6.3 per cent of the total. Hemlock, the principal variety of lumber cut in 1900, constituted 73 per cent of the total amount produced in the state. This wood, despised twenty years ago except for tanbark, is being rapidly exhausted, though it is still found in considerable quantities in northern Pennsylvania.[2] Oak, white pine, poplar, and spruce ranked next to hemlock in importance, in the order named. The lumber industry is carried on most extensively in Lycoming, Potter, Elk, McKean, Jefferson, and Forest counties—Williamsport, Bradford, and South Williamsport being important centers. Of the 4 plants in the United States which produced more than 100,000,000 feet of lumber, board measure, during the census year, 1 was located in Pennsylvania.

In 1810, 73,847,640 feet of lumber were sawed in the state, chiefly in Northumberland, Luzerne, Chester, Warren, and Philadelphia counties. In addition to this, 700,000 feet of mahogany were sawed in 21 sawmills in the state. As early as 1804 large amounts of lumber were handled at Pittsburg, and about 1819, in a St. Louis price list, mention is made of pine boards brought from Pittsburg in flatboats, selling at $8 per 100 feet. In 1838 the first large mills were erected at Williamsport, but the boom which afterwards supplied forty or fifty mills was not built until 1850. Lumber was sent down the Ohio River in large quantities until about 1876, by which time the pine of northern Pennsylvania had become nearly exhausted.[3] Between 1860 and 1874 there was a marked development in the industry. Timber was cut extravagantly and for a time it was feared the state's timber supply would be entirely exhausted. The panic of 1873 completely paralyzed the industry and checked this waste.[4] Since that time there has been a gradual rise in the price of lumber, due to the decreasing supplies, and the forests have been cleared with more discretion.

There were 38 establishments engaged in the refining of petroleum in 1900, with 3,299 wage-earners, and products valued at $34,977,706. In 1890 there were 55 establishments, 3,284 wage-earners, and products valued at $18,498,777. The increase in the value of products during the decade was $16,478,929, or 89.1 per cent. Pennsylvania ranked first in this industry both in 1870 and in 1900, the value of its products constituting 56.6 per cent of the total for the United States in the former year, and 28.2 per cent in the latter. In 1900 the industry was carried on most extensively at Philadelphia and in Venango county. Petroleum has been known in Pennsylvania from very early times, and in the census of 1810, 550 gallons of "spring oil" were reported for Venango county. Until Drake's invention, in 1858, at Titusville, by which oil was obtained from driven wells, all supplies had been gotten from springs and surface wells.[5] In 1899 the production of crude petroleum in the state amounted to 13,053,603 barrels, or 22.9 per cent of the total for the United States.[6] This amount was somewhat less, however, than the amount of crude petroleum used in the refineries of the state during the census year, considerable quantities of crude oil being received from neighboring states. In the days of railroad transportation of petroleum, freight charges were so heavy that it was economical to carry on refining near the wells, and the region about Pittsburg and Oil City was filled with numerous small works, the first refinery at the former city having been established in 1855. After the introduction of pipe lines, in 1875, the cost of transportation was so much reduced that it became advantageous to ship the crude oil to large refineries on the seaboard, near New York, Philadelphia, and Baltimore, and on the shores of Lake Erie, near Buffalo and Cleveland.[7]

There were 281 establishments engaged in the manufacture of liquors in 1900, with 4,976 wage-earners, and products valued at $34,520,358. In 1890 there were 203 establishments, 3,548 wage-earners, and products valued at $22,698,423. The increase in the value of products during the decade was $11,821,935, or 52.1 per cent. The production of malt liquors has come to be by far the most important branch of the liquor industry, although in the

[1] Report of the Secretary of Internal Affairs of Pennsylvania, Part III, Industrial Statistics, 1890, pages D2 and D18.

[2] One Hundred Years of American Commerce, Vol. I, page 200.

[3] One Hundred Years of American Commerce, Vol. I, page 197.

[4] Report of the Secretary of Internal Affairs of Pennsylvania, Part III, Industrial Statistics, 1876–77, page 654.

[5] One Hundred Years of American Commerce, Vol. I, pages 204–206.

[6] United States Geological Survey: Mineral Resources, 1899, Nonmetallic Products, except Coal and Coke, page 12.

[7] One Hundred Years of American Commerce, Vol. I, page 209.

early years of the century the production of distilled liquors was more important. In 1900 Pennsylvania ranked second in the malt liquor industry, having 12.3 per cent of the total value of the products for the United States. The industry was carried on in 1900 most extensively at Philadelphia, Pittsburg, Allegheny, and Scranton. The state ranked fifth in distilled liquor production in 1900, its value of products amounting to 5.5 per cent of the total for the United States. The industry was carried on in 1900 most extensively in Westmoreland, Allegheny, and Fayette counties.

Distilling was carried on to a considerable extent about the middle of the last century. The attempt of the United States Government to collect the first internal-revenue tax upon distilled spirits resulted, in 1794, in the uprising in the western part of Pennsylvania, known as the "Whiskey Rebellion." In 1810, 6,552,284 gallons of whiskey were reported for the state, the largest production being in Lancaster and Philadelphia counties, although the industry was carried on in almost every county in the state.

There were 2,712 establishments engaged in the manufacture of tobacco in 1900, with 25,483 wage-earners, and products valued at $33,355,932. In 1890 there were 2,025 establishments, 18,550 wage-earners, and products valued at $23,387,910. The increase in the value of products during the decade was $9,968,022, or 42.6 per cent. In 1899 Pennsylvania produced tobacco leaf to the value of $2,959,304, ranking sixth in the United States. The manufacture was extensive as early as 1810, during which year 29,061,000 "American cigars" were manufactured in Pennsylvania, nearly the entire quantity being made in Philadelphia. In addition to these, more than three million "Spanish cigars" were manufactured.

There were 111 establishments engaged in the slaughtering industry in 1900, with 1,669 wage-earners, and products valued at $25,238,772. In 1890 there were 242 establishments, 1,582 wage-earners, and products valued at $21,991,604. The increase in the value of products during the decade was $3,247,168, or 14.8 per cent. The branch of the industry which includes meat packing is by far the more important of the two, and was carried on during the census year chiefly at Philadelphia, Allegheny, and Pittsburg.

There were 481 establishments engaged in the factory manufacture of men's clothing in 1900, with 10,497 wage-earners, and products valued at $23,389,043. In 1890 there were 337 establishments, 7,675 wage-earners, and products valued at $26,732,348. The decrease in the value of products during the decade was $3,343,305, or 12.5 per cent. Allied to this industry is the factory manufacture of women's clothing, in which there were 230 establishments engaged in 1900, with 8,311 wage-earners, and products valued at $11,694,580. In 1890 there were 80 establishments, 2,989 wage-earners, and products valued at $3,903,596. The increase in the value of products during the decade was $7,790,984, or 199.6 per cent. The manufacture of men's clothing was carried on in the state as a hand trade early in the Eighteenth century. In 1718 the tailors of Philadelphia applied to the state for an act of incorporation.[1] In the early years of the industry in this city, clothing was sent out into the country to be sewed by the wives and daughters of farmers during the winter.[2] The factory industry began in the United States about 1820, and shortly after that date several establishments were in operation in Philadelphia, shipping their products to the Southern states. In 1860 the value of men's clothing manufactured in Pennsylvania exceeded that of all New England, Philadelphia contributing three-fourths of the entire product. The manufacture of women's clothing assumed importance in the United States about the year 1845, and in 1860 there were 4 establishments in the city of Philadelphia, with products valued at $345,000.

There were 89 establishments engaged in the manufacture of coke in 1900, with 9,283 wage-earners, and products valued at $22,282,358. In 1890 there were 98 establishments, 5,855 wage-earners, and products valued at $10,415,628. The increase in the value of products during the decade was $11,866,730, or 113.9 per cent. Pennsylvania has long ranked first in this industry, the production in 1880 amounting to 84.2 per cent of the total for the United States, and in 1900 to 62.6 per cent of the total. For twenty years the Connellsville district, famous for both the quantity and the quality of its coke, has contributed each year, with one exception, over 50 per cent of the entire production of the United States.[3] The yield of coal in coke rose from 65.5 per cent in 1880 to 69.4 per cent in 1899, while the value fell from $1.79 per ton in 1880 to $1.64 in 1899. An average of 1,676 carloads of coke leave this district each day. The quality of the coal used is such that it needs little or no preparation before being charged into the ovens.

There were 119 establishments engaged in the manufacture of glass in 1900, with 19,420 wage-earners, and products valued at $22,011,130. In 1890 there were 99 establishments, 18,510 wage-earners, and products valued at $17,179,137. The increase in the value of products during the decade was $4,831,993, or 28.1 per cent. Pennsylvania has long led all other states in this manufacture, having 51.8 per cent of the total value of the products for the United States in 1870, and 38.9 per cent in 1900. The industry was carried on in 1900 most extensively in Allegheny, Westmoreland, Washington, and Armstrong counties, in the western part of the state. Glass making has been stimulated in this section by abundant supplies of bituminous coal and natural gas, and by deposits of glass sand in Juniata and Fayette counties, equal in quality to that found anywhere else in the world, and by the abundance of fire clay suitable for furnaces, found in western Pennsylvania and eastern Ohio.[4]

Mention was made by William Penn, in 1683, of a glass-house in Pennsylvania, but its location was not stated.

[1] Eighth Census of the United States, Manufactures, Introduction, pages lx, lxiii, lxxxiii.

[2] One Hundred Years of American Commerce, Vol. II, page 563.

[3] United States Geological Survey: Mineral Resources, 1899, Metallic Products, Coal, and Coke, pages 594, 598, 599, and 600.

[4] Tenth Census of the United States, Manufactures, folios 1066, 1074, and 1075.

The first glass works west of the Allegheny Mountains was built by Albert Gallatin at New Geneva, on the Monongahela River, probably in 1797. About the same time a glasshouse was established at Pittsburg, and was the first works to use coal as a fuel.[1] In 1810 there were 8 glass factories in Pennsylvania, with products valued at $144,800, the greatest production being shown for Allegheny county.

The most important event in the glass industry in recent years was the introduction of natural gas as fuel. The first successful use of this fuel in the manufacture of glass was at a large plate glass establishment at Creighton, near Pittsburg, in 1883.[2] Many small towns where natural gas was discovered offered land and bonuses to induce the establishment of glass works within their limits, and the building of glasshouses progressed rapidly.[3] During the census year the cost of natural gas constituted 71.5 per cent of the total cost of fuel used in the glass industry. During the same year glass of various kinds, valued at $107,958, was exported from establishments in Pennsylvania to England, South America, Canada, Australia, and New Zealand. These figures include only glass sold directly from the factory to foreign consumers.

There were 63 establishments engaged in the manufacture of electrical apparatus and supplies in 1900, with 7,817 wage-earners, and products valued at $19,112,665. In 1890 there were 10 establishments, 209 wage-earners, and products valued at $674,565. The increase in the value of products during the decade was $18,438,100, or 2,733.3 per cent.

There were 542 establishments engaged in the manufacture of planing mill products in 1900, with 7,472 wage-earners, and products valued at $16,736,839. In 1890 there were 467 establishments, 7,888 wage-earners, and products valued at $18,398,688. The decrease in the value of products during the decade was $1,661,849, or 9 per cent.

There were 146 establishments engaged in the factory manufacture of boots and shoes in 1900, with 9,144 wage-earners, and products valued at $13,235,933. In 1890 there were 158 establishments, 7,616 wage-earners, and products valued at $10,354,850. The increase in the value of products during the decade was $2,881,083, or 27.8 per cent. Pennsylvania ranked fourth in this industry in 1890, having 4.7 per cent of the total value of products for the United States; and fifth in 1900, with 5.1 per cent of the total. In 1900 the industry was centered at Philadelphia, Carlisle, and Allentown. The manufacture was carried on in the state as early as 1698, the workers being known as cordwainers.[4] In 1810, 1,327,776 pairs of boots, shoes, and slippers were manufactured in the state, 709,833 pairs of which were made in Philadelphia county. In 1851 an ingenious machine for pegging boots and shoes was patented and put into operation at Pittsburg. In 1860 fine shoes were manufactured in Philadelphia, where the industry was stimulated by the large manufacture of fine calf and morocco leather.

There were 100 establishments engaged in the manufacture of chemicals in 1900, with 4,278 wage-earners, and products valued at $13,034,384. In 1890 there were 71 establishments, 3,284 wage-earners, and products valued at $13,144,210. The decrease in the value of products during the decade was $109,826, or eight-tenths of 1 per cent. The industry was carried on in 1900 most extensively at Philadelphia and in Allegheny county. Oil of vitriol was manufactured in Philadelphia as early as 1793. By 1830 this city was the chief center of the chemical industry in the United States,[5] and in 1880 Pennsylvania led all other states in the manufacture of sulphuric acid, sulphate of ammonia, and white lead, contributing more than one-fourth of the production of sulphuric acid in the United States.[6]

There were 73 establishments engaged in the manufacture of paper and wood pulp in 1900, with 4,840 wage-earners, and products valued at $12,267,900. In 1890 there were 72 establishments, 2,951 wage-earners, and products valued at $7,838,299. The increase in the value of products during the decade was $4,429,601, or 56.5 per cent. Pennsylvania ranked third in this industry in 1880, having 10.1 per cent of the total value of products for the United States; and fourth in 1900, with 9.6 per cent of the total. In 1900 the industry was carried on most extensively in Philadelphia, York, Erie, Blair, and Elk counties. The first paper mill in the United States was established near Germantown in 1693. Printing, writing, and wrapping paper were manufactured.[7] About 1728 a mill was erected on Chester Creek, Delaware county. This mill supplied the press of Benjamin Franklin, and made the bank-note paper used for Continental currency. The paper manufacture in Philadelphia and vicinity was greatly promoted by the enterprise of the printers and booksellers, especially by Benjamin Franklin, who stated in 1787 that he had been interested in the establishment of 18 paper mills, and that there were 48 such mills then in operation in the state. In 1816 the first steam paper mill in the United States began operations in Pittsburg, with an engine of 16 horsepower, and 40 employees.

The increasing demand for paper made it necessary to develop some new material for the production of fiber, and in this Pennsylvania has had an important part. In 1830 Wooster and Holmes, of Meadville, Pa., took out patents for making paper from whitewood and hemlock. The process of producing white paper from straw was developed at Flat Rock Mills in 1854. In 1857 J. A. Roth, of Philadelphia, patented the process of treating wood fibers with a combination of sulphuric acid and chlorine bleaching agents. In 1863 M. L. Keen, of Royersford, Pa.,

[1] One Hundred Years of American Commerce, Vol. I, pages 274 and 275.

[2] United States Geological Survey: Mineral Resources, 1885, page 172.

[3] One Hundred Years of American Commerce, Vol. I, page 282.

[4] Eighth Census of the United States, Manufactures, Introduction, pages lxix, lxx, and lxxii.

[5] One Hundred Years of American Commerce, Vol. II, page 429.

[6] Tenth Census of the United States, Manufactures, folio 993.

[7] Eighth Census of the United States, Manufactures, Introduction, pages cxxiii, cxxiv, cxxv, and cxxviii.

patented a boiler for making pulp from wood, and in the following year Richard Magee, of Philadelphia, patented a method of coating writing paper.[1] In the early part of the century the paper mills of Pennsylvania produced all the paper required by the newspapers of the state.[2] At present nearly all the paper so used is produced in other states. This change has been due chiefly to the comparatively limited waterpower of Pennsylvania, and to a lack of spruce, the wood best adapted to news paper manufacturing. Most of the mills in Pennsylvania are producing book paper by the chemical treatment of wood, the power required not being an important factor.

There were 749 establishments engaged in the factory manufacture of cheese, butter, and condensed milk in 1900, with 976 wage-earners, and products valued at $10,290,006. In 1890 there were 300 establishments, 766 wage-earners, and products valued at $5,319,434. The increase in the value of products during the decade was $4,970,572, or 93.4 per cent. In 1900 Pennsylvania ranked fifth in this industry, having 7.9 per cent of the total value of products for the United States. The chief centers were Chester, Lancaster, Montgomery, Bucks, and Berks counties. There were 943,773 dairy cows reported during the census year, the state ranking fifth in the United States.

In addition to the industries included in Table 3, attention is directed to an important industry—iron and steel shipbuilding—the statistics for which appear only in Table 7, since comparable statistics for 1890 are not available. There were 3 establishments engaged in this industry in 1900, with 6,820 wage-earners, and products valued at $14,085,395. Pennsylvania ranked first in the industry in 1900, having 28 per cent of the total value of products for the United States. The industry is practically confined to the Delaware River in and near Philadelphia, and its great development is due to the proximity of this section to the great iron manufacturing establishments of the state; to the depth of the river close up to the shipyards; to the fresh water of the river giving comparative immunity from rust; and to the mild winters, which allow outside work on vessels. The beginning of shipbuilding in Philadelphia was almost coincident with the settlements made under William Penn.[3] In 1775 Philadelphia was the leading center for the building of ships, its preeminence being due to the immense shipping trade carried on between that city and the West Indies. In 1793 twice as many ships were built in Philadelphia as in any other locality in the United States.[4] The first steamboat in this country was launched on the Delaware River in 1786, and in 1809 steam navigation began its continuous existence at this point. In 1869 the Reading Railroad Company built 14 iron steamboats to be used in their coast coal trade. From that date wooden shipbuilding in Pennsylvania declined, and in 1900 it was an insignificant part of the whole industry. Next to the Clyde River, in Scotland, the Delaware River is now the greatest shipbuilding stream in the world. Builders on this river have been prominent in the construction of war vessels for the Government. The first six ships of the Navy were designed by a Philadelphia shipbuilder, Joshua Humphreys, and of the steel ships recently built for the Navy, more have been constructed at Philadelphia than at any other point.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Allegheny, Allentown, Altoona, Chester, Erie, Harrisburg, Johnstown, Lancaster, McKeesport, Philadelphia, Pittsburg, Reading, Scranton, Wilkesbarre, Williamsport, and York as returned at the censuses of 1890 and 1900, with the percentages of increase.

[1] Report of the Secretary of Internal Affairs of Pennsylvania, Part III, Industrial Statistics, 1876-1877, page 806.
[2] Ibid., 1897, page 65.
[3] Report of the Secretary of Internal Affairs of Pennsylvania, Part III, Industrial Statistics, 1891, page C8 ff.
[4] One Hundred Years of American Commerce, Vol. I, page 119.

TABLE 4.—COMPARATIVE SUMMARY, ALLEGHENY, ALLENTOWN, ALTOONA, CHESTER, ERIE, HARRISBURG, JOHNSTOWN, LANCASTER, McKEESPORT, PHILADELPHIA, PITTSBURG, READING, SCRANTON, WILKESBARRE, WILLIAMSPORT, AND YORK, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
The State	1900	52,185	$1,551,548,712	733,834	$332,072,670	$134,344,269	$1,042,434,599	$1,834,790,860
	1890	39,339	991,243,115	570,393	263,375,215	74,841,458	773,734,637	1,331,794,901
Per cent of increase		32.7	56.5	28.7	26.1	79.5	34.7	37.8
Allegheny	1900	893	50,122,503	20,804	10,352,502	5,120,269	29,478,781	54,136,967
	1890	675	22,253,243	11,857	5,916,525	1,728,571	14,231,758	26,878,979
Per cent of increase		32.3	125.2	75.5	75.0	196.2	107.1	101.4
Allentown	1900	491	11,996,971	8,447	3,150,970	1,310,643	9,846,047	16,947,722
	1890	382	6,977,091	5,293	1,910,882	532,875	5,102,911	8,876,565
Per cent of increase		28.5	71.9	59.6	64.9	146.0	92.9	90.9
Altoona	1900	230	8,108,819	8,090	4,619,828	350,501	8,376,488	14,250,656
	1890	208	7,955,423	6,216	3,440,298	241,121	6,133,222	10,497,019
Per cent of increase		10.6	1.9	30.1	34.3	45.4	36.6	35.8
Chester	1900	315	18,977,710	7,682	3,462,196	1,222,400	9,261,886	16,421,725
	1890	201	9,397,033	6,559	2,807,341	608,831	6,844,825	11,864,899
Per cent of increase		56.7	102.0	17.1	23.3	100.8	35.3	38.4
Erie	1900	644	20,418,016	9,339	4,574,625	1,197,411	9,107,305	19,053,202
	1890	236	12,812,594	6,463	3,248,366	718,157	6,145,680	12,765,768
Per cent of increase		172.9	59.4	44.5	40.8	66.7	48.2	49.3
Harrisburg	1900	446	8,749,516	7,362	2,949,544	646,950	9,402,516	16,064,597
	1890	475	6,716,074	6,314	2,947,291	428,757	5,432,303	10,538,444
Per cent of increase		[1] 6.1	30.3	16.6	0.1	50.9	73.1	52.4
Johnstown	1900	248	16,940,450	6,116	3,213,189	1,922,080	14,445,126	22,559,890
	1890	113	13,280,296	5,369	2,879,569	789,343	13,137,331	18,422,989
Per cent of increase		119.5	27.6	13.9	11.6	143.5	10.0	22.5
Lancaster	1900	738	10,803,464	9,349	3,323,748	1,193,997	8,342,709	16,370,281
	1890	599	7,691,314	7,330	2,219,917	691,291	6,306,495	11,361,535
Per cent of increase		23.2	40.5	27.5	49.7	72.7	32.3	44.1
McKeesport	1900	180	17,876,016	7,605	4,370,381	428,226	22,309,161	37,074,136
	1890	118	10,979,812	6,078	3,189,558	737,562	10,617,338	17,432,721
Per cent of increase		52.5	62.8	25.1	37.0	[1] 41.9	110.1	112.7
Philadelphia	1900	15,887	476,529,407	246,445	111,847,076	55,575,685	326,877,441	603,466,526
	1890	18,166	375,249,715	234,647	113,306,173	39,615,476	311,645,804	577,234,446
Per cent of increase		[1] 12.5	27.0	5.0	[1] 1.3	40.3	4.9	4.5
Pittsburg	1900	1,938	193,162,900	69,977	36,684,563	15,293,017	116,883,174	203,261,251
	1890	1,420	108,368,838	52,963	29,889,486	7,561,199	69,892,195	126,859,657
Per cent of increase		36.5	78.3	32.1	22.7	102.3	67.2	60.2
Reading	1900	843	27,975,628	19,165	7,544,950	5,085,456	19,089,332	36,902,511
	1890	435	14,083,374	12,211	4,780,470	1,042,366	12,009,332	20,855,165
Per cent of increase		93.8	98.6	56.9	57.8	387.9	59.0	76.9
Scranton	1900	710	19,954,525	12,669	5,191,522	1,857,881	18,411,022	27,646,418
	1890	177	16,237,271	8,825	3,928,834	874,621	16,922,753	24,341,745
Per cent of increase		301.1	22.9	43.6	32.1	112.4	8.8	13.6
Wilkesbarre	1900	438	10,501,537	5,977	2,286,676	1,142,358	5,167,777	10,758,348
	1890	270	5,598,139	4,141	1,808,226	578,640	4,026,579	7,746,371
Per cent of increase		62.2	87.6	44.3	26.5	97.4	28.3	38.9
Williamsport	1900	396	9,863,811	5,595	2,065,930	517,059	6,420,337	11,199,600
	1890	302	12,335,423	5,653	2,271,531	626,646	5,919,284	11,107,037
Per cent of increase		31.1	[1] 20.0	[1] 1.0	[1] 9.1	[1] 17.5	8.5	0.8
York	1900	464	9,640,784	7,785	2,679,175	798,453	6,078,070	11,961,706
	1890	350	3,842,453	3,669	1,320,418	358,635	3,170,840	5,968,223
Per cent of increase		32.6	150.9	112.2	102.9	122.6	91.7	100.4
Total for 16 cities	1900	24,861	911,622,057	452,407	208,316,875	93,662,386	619,447,172	1,118,075,536
	1890	24,127	633,778,093	383,588	185,864,885	57,134,091	497,538,650	902,751,563
Per cent of increase		3.0	43.8	17.9	12.1	63.9	24.5	23.9
Per cent of 16 cities to total for state	1900	47.6	58.8	61.6	62.7	69.7	59.4	60.9
	1890	61.3	63.9	67.2	70.6	76.3	64.3	67.8

[1] Decrease.

It appears from Table 4 that there has been a considerable increase during the past decade in the combined manufactures of these 16 cities. The number of establishments increased from 24,127 to 24,861, or 3 per cent; the average number of wage-earners from 383,588 to 452,407, or 17.9 per cent; and the value of products from $902,751,563 to $1,118,075,536, or 23.9 per cent. The percentage of increase in each of these particulars was smaller in these 16 cities than in the state as a whole. The city of McKeesport shows the most rapid growth, the value of products having increased from $17,432,721 to $37,074,136, or 112.7 per cent. In Philadelphia, the leading manufacturing city, the number of establishments decreased from 18,166 to 15,887, or 12.5 per cent. The average number of wage-earners increased, however, from 234,647 to 246,445, or 5 per cent; and the value of products from $577,234,446 to $603,466,526, or 4.5 per cent. The number of establishments, number of wage-earners, and value of products in this city constituted 30.4, 33.6, and 32.9 per cent, respectively, of the totals for the state.

In Philadelphia the leading manufacturing industries were foundry and machine shop products; sugar and molasses, refining; carpets and rugs, other than rag; petroleum, refining; and clothing, men's, factory product.

In Pittsburg, the city second in rank, the leading manufacturing industries were iron and steel; foundry and machine shop products; electrical apparatus and supplies; ironwork, architectural and ornamental; and iron and steel, pipe, wrought.

In Allegheny, the city third in rank, the leading manufacturing industries were cars, steam railroad, not including operations of railroad companies; iron and steel; foundry and machine shop products; pickles, preserves, and sauces; and slaughtering and meat packing, wholesale.

In McKeesport, the city fourth in rank, the leading manufacturing industries were iron and steel; tin and terne plate; iron and steel, pipe, wrought; bottling; and lumber, planing mill products, including sash, doors, and blinds.

In Reading, the city fifth in rank, the leading industries were iron and steel; cars and general shop construction and repairs by steam railroad companies; foundry and machine shop products; tobacco, cigars and cigarettes; and hardware.

In Scranton, the city sixth in rank, the leading manufacturing industries were iron and steel; silk and silk goods; foundry and machine shop products; liquors, malt; and cars and general shop construction and repairs by steam railroad companies.

In Johnstown, the city seventh in rank, the leading manufacturing industries were iron and steel; foundry and machine shop products; pottery, terra cotta, and fire-clay products; liquors, malt; and tin and terne plate.

In Erie, the city eighth in rank in Table 4, but tenth in rank in the state, the leading manufacturing industries were foundry and machine shop products; paper and wood pulp; lumber, planing mill products, including sash, doors, and blinds; flouring and grist mill products; and liquors, malt.

In Allentown, the city ninth in rank in Table 4, but eleventh in rank in the state, the leading manufacturing industries were iron and steel; silk and silk goods; foundry and machine shop products; boots and shoes, factory product; and slaughtering and meat packing, wholesale.

In Chester, the city tenth in rank in Table 4, but twelfth in rank in the state, the leading manufacturing industries were iron and steel; cotton goods; iron and steel, pipe, wrought; shipbuilding, iron and steel; and worsted goods.

In Lancaster, the city eleventh in rank in Table 4, but thirteenth in rank in the state, the leading manufacturing industries were umbrellas and canes; tobacco, cigars and cigarettes; confectionery; cotton goods; and iron and steel.

In Harrisburg, the city twelfth in rank in Table 4, but fourteenth in rank in the state, the leading manufacturing industries were iron and steel; cars and general shop construction and repairs by steam railroad companies; foundry and machine shop products; boots and shoes, factory product; and slaughtering and meat packing, wholesale.

In Altoona, the city thirteenth in rank in Table 4, but fifteenth in rank in the state, the leading manufacturing industries were cars and general shop construction and repairs by steam railroad companies; foundry and machine shop products; lumber, planing mill products, including sash, doors, and blinds; printing and publishing, newspapers and periodicals.

In York, the city fourteenth in rank in Table 4, but seventeenth in rank in the state, the leading manufacturing industries were foundry and machine shop products; tobacco, cigars and cigarettes; paper hangings; iron and steel, nails and spikes, cut and wrought, including wire nails; and carriages and wagons.

In Williamsport, the city fifteenth in rank in Table 4, but eighteenth in rank in the state, the leading manufacturing industries were lumber and timber products; boots and shoes, rubber; silk and silk goods; clothing, men's, factory product; and leather, tanned, curried, and finished.

In Wilkesbarre, the city sixteenth in rank in Table 4, but twentieth in rank in the state, the leading manufacturing industries were silk and silk goods; cotton goods; foundry and machine shop products; liquors, malt; and wirework, including wire rope and cable.

Table 5 presents the totals for the manufacturing industries of the 133 cities and boroughs withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and boroughs, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Products. Value.	Products. Rank.	Products. Per cent of total.	Population. Total.	Population. Rank	Population. Per cent of total.
Total for state	52,185	$1,551,548,712	58,836	733,834	$332,072,670	$134,344,269	$1,042,434,599	$1,834,790,860	-------	100.0	[1] 6,302,034	-------	100.0
Total for urban manufactures	33,449	1,170,694,661	37,969	583,923	265,871,261	113,427,652	803,732,711	1,437,923,545	-------	78.4	3,202,439	-------	50.8
Allegheny	893	50,122,503	1,040	20,804	10,352,502	5,120,269	29,478,781	54,136,967	3	3.0	129,896	3	2.1
Allentown	491	11,996,971	617	8,447	3,150,970	1,310,643	9,846,047	16,947,722	11	0.9	35,416	12	0.6
Altoona	230	8,108,819	267	8,090	4,619,828	350,501	8,376,488	14,250,656	15	0.8	38,973	10	0.6
Ashland	54	307,871	65	168	85,640	9,779	132,909	274,765	125	(2)	6,438	65	0.1
Athens	51	843,719	54	589	220,250	54,356	618,956	1,012,183	88	0.1	3,749	102	0.1
Bangor	73	804,517	81	944	348,687	110,955	552,647	1,230,350	81	0.1	4,106	94	0.1
Beaver Falls	119	6,367,196	110	2,231	1,022,075	303,189	3,780,051	6,245,501	29	0.3	10,054	42	0.2
Bellefonte	62	874,076	71	506	219,770	46,731	652,436	1,175,668	82	0.1	4,216	91	0.1
Berwick	33	2,446,463	28	1,335	730,505	111,067	2,808,813	4,372,953	41	0.2	3,916	97	0.1
Bethlehem	106	1,871,072	117	1,265	326,954	240,028	995,368	1,832,219	65	0.1	7,293	58	0.1
Birdsboro	26	1,095,356	30	861	335,450	58,240	1,321,574	2,026,928	58	0.1	2,264	126	(2)
Bloomsburg	65	2,093,473	69	1,029	328,385	106,093	978,508	1,732,559	67	0.1	6,170	68	0.1
Braddock	121	2,724,303	132	1,437	893,037	875,170	3,111,916	5,643,152	33	0.3	15,654	24	0.2
Bradford	149	2,674,380	183	1,965	1,031,949	224,962	2,011,858	4,101,339	45	0.2	15,029	25	0.2
Bridgeport	28	1,954,100	24	833	265,209	66,292	1,358,235	1,821,585	66	0.1	3,097	112	(2)
Bristol	72	3,616,181	72	2,027	751,033	332,920	2,577,508	4,008,248	46	0.2	7,104	61	0.1
Butler	129	1,696,396	159	1,003	505,468	144,796	749,216	1,877,419	63	0.1	10,853	40	0.2
Carbondale	92	1,618,034	103	1,138	387,528	100,701	572,101	1,384,662	75	0.1	18,536	29	0.2
Carlisle	109	1,125,635	129	1,385	415,986	83,436	1,249,456	2,131,239	57	0.1	9,626	44	0.2
Carnegie	53	465,830	55	381	231,519	67,192	434,660	909,890	93	0.1	7,330	56	0.1
Catasauqua	68	3,136,958	63	1,543	592,026	190,598	1,660,319	3,197,297	47	0.2	3,963	96	0.1
Chambersburg	107	853,037	124	793	283,676	62,527	633,952	1,127,423	85	0.1	8,864	50	0.1
Charleroi	62	2,395,002	65	1,270	671,371	278,069	700,669	1,871,505	64	0.1	5,930	70	0.1
Chester	315	18,977,710	327	7,682	3,462,196	1,222,400	9,261,886	16,421,725	12	0.9	33,988	14	0.5
Coatesville	70	4,772,487	73	1,854	840,322	219,305	3,752,864	6,356,079	28	0.4	5,721	74	0.1
Columbia	142	2,403,571	141	2,729	968,288	160,051	2,837,765	4,729,477	38	0.3	12,316	36	0.2
Connellsville	121	1,283,667	149	916	495,761	50,344	1,449,338	2,380,137	52	0.1	7,160	60	0.1
Conshohocken	55	3,957,818	51	1,951	896,797	219,482	2,303,063	4,454,230	40	0.2	5,762	73	0.1
Coraopolis	20	471,294	19	397	171,916	35,336	305,093	731,840	100	(2)	2,555	121	(2)
Corry	109	830,727	112	585	255,129	65,053	493,058	1,061,464	87	0.1	5,369	79	0.1
Danville	92	2,836,268	107	2,414	855,306	227,030	2,759,707	4,317,776	42	0.2	8,042	53	0.1
Darby	45	1,363,579	54	744	270,921	78,366	570,333	1,152,278	84	0.1	3,429	108	0.1
Dubois	56	1,513,316	74	893	355,925	89,756	1,229,312	1,926,391	61	0.1	9,375	46	0.1
Dunmore	53	1,336,477	51	893	354,922	180,467	662,486	1,472,675	71	0.1	12,583	33	0.2
Duquesne	19	14,358,059	24	1,497	1,075,152	435,881	14,611,842	20,365,667	9	1.1	9,036	48	0.1
East Mauch Chunk	21	301,135	19	383	76,257	66,965	478,844	685,394	102	(2)	3,458	105	0.1
Easton	285	4,829,879	323	3,912	1,516,525	485,029	3,794,496	6,746,078	26	0.4	25,238	18	0.4
Ephrata	66	370,198	74	501	130,323	65,227	308,958	634,359	107	(2)	2,451	123	(2)
Erie	644	20,418,016	718	9,339	4,574,625	1,197,411	9,107,305	19,053,202	10	1.0	52,733	6	0.6
Etna	37	3,701,581	37	1,709	865,992	64,848	2,515,585	5,655,269	32	0.3	5,384	78	0.1
Franklin	120	4,523,916	156	758	354,318	1,506,361	1,826,916	6,046,218	31	0.3	7,317	57	0.1
Greencastle	26	48,526	29	61	19,476	3,989	49,673	94,622	130	(2)	1,463	132	(2)
Greenville	79	1,998,509	90	999	544,612	65,003	1,116,066	1,900,471	62	0.1	4,814	85	0.1
Hamburg	62	416,757	77	369	113,515	20,950	383,291	627,209	109	(2)	2,315	124	(2)
Hanover	85	766,387	113	849	262,267	78,399	557,542	1,153,492	83	0.1	5,302	80	0.1
Harrisburg	446	8,749,516	464	7,362	2,949,544	646,950	9,402,516	16,064,597	14	0.9	50,167	8	0.8
Hawley	28	716,842	34	448	140,953	21,825	587,627	809,724	96	(2)	1,925	128	(2)
Hazelton	141	1,488,290	156	1,049	341,769	166,935	520,222	1,478,503	70	0.1	14,230	26	0.2
Hollidaysburg	38	167,649	41	197	77,736	8,931	190,979	332,022	122	(2)	2,998	114	(2)
Homestead	52	2,591,815	63	1,030	439,247	59,737	725,729	1,444,245	72	0.1	12,554	35	0.2
Honesdale	71	1,357,399	81	680	238,684	90,242	714,659	1,235,425	80	0.1	2,864	117	(2)
Huntingdon	68	1,062,520	75	550	208,583	82,972	547,414	971,674	90	0.1	6,053	69	0.1
Johnstown	248	16,940,450	316	6,116	3,213,189	1,922,080	14,445,126	22,559,890	7	1.2	35,936	11	0.6
Lancaster	738	10,803,464	855	9,349	3,323,748	1,193,997	8,342,709	16,370,281	13	0.9	41,459	9	0.7
Lansford	24	208,116	22	283	119,815	3,728	200,274	348,517	121	(2)	4,888	83	0.1
Lebanon	219	7,756,390	247	5,613	2,245,809	350,716	6,512,892	10,167,455	21	0.6	17,628	22	0.3
Lehighton	42	648,281	44	380	99,715	38,955	414,945	691,705	101	(2)	4,629	89	0.1
Lewisburg	36	389,487	40	260	82,927	11,286	310,212	469,221	114	(2)	3,457	106	0.1
Lewistown	64	1,011,949	69	563	223,705	41,760	562,710	984,234	89	0.1	4,451	90	0.1
McKeesport	180	17,876,016	199	7,605	4,370,381	428,226	22,309,161	37,074,136	4	2.0	34,227	13	0.5
McKees Rocks	34	14,990,471	32	2,055	1,206,476	539,720	2,517,940	4,288,935	43	0.2	6,352	66	0.1
Mahanoy City	99	607,059	112	474	131,582	119,879	230,275	648,645	104	(2)	13,504	30	0.2
Manheim	58	157,490	59	334	76,903	36,158	273,015	450,698	117	(2)	2,019	127	(2)
Marietta	37	849,538	33	674	210,151	33,986	651,529	1,125,701	86	0.1	2,469	122	(2)
Mauch Chunk	34	366,370	35	323	143,714	22,802	251,282	506,252	112	(2)	4,029	95	0.1
Meadville	135	1,415,783	151	1,445	648,020	77,057	1,099,379	2,159,110	56	0.1	10,291	41	0.2
Mechanicsburg	58	482,155	60	444	173,840	22,811	313,820	636,083	106	(2)	3,841	98	0.1
Media	40	235,997	44	170	75,309	27,418	87,575	279,436	123	(2)	3,075	113	(2)
Middletown	50	2,323,876	49	1,572	556,818	52,608	3,269,223	5,198,286	35	0.3	5,608	75	0.1
Millvale	37	319,149	38	119	70,609	80,649	174,499	466,389	115	(2)	6,736	64	0.1
Milton	60	1,950,893	69	1,421	534,674	86,020	1,885,416	2,912,209	50	0.2	6,175	67	0.1
Minersville	36	75,177	38	84	25,290	11,821	87,705	167,798	126	(2)	4,815	84	0.1
Monongahela	58	805,861	65	438	288,310	56,285	337,720	841,155	95	0.1	5,173	82	0.1
Nanticoke	73	328,4[illegible]	83	207	73,161	47,646	194,244	399,678	118	(2)	12,116	37	0.2
New Brighton	68	2,903,449	77	1,482	590,589	108,677	1,003,463	2,195,552	55	0.1	6,820	63	0.1
Newcastle	216	18,308,220	252	4,992	3,226,669	491,336	18,646,648	21,046,842	8	1.1	28,339	17	0.4
New Haven	22	40,401	25	46	20,941	2,203	44,473	90,002	131	(2)	1,532	130	(2)
New Holland	23	76,843	27	81	23,894	36,196	78,425	165,687	128	(2)	902	133	(2)
Norristown	210	4,069,449	227	8,429	1,168,942	418,854	2,467,861	4,821,745	37	0.3	22,265	19	0.4
Northumberland	16	238,768	18	267	74,940	6,766	224,827	360,928	120	(2)	2,748	119	(2)

[1] Includes 81 Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[2] Less than one-tenth of 1 per cent.

TABLE 5.—URBAN MANUFACTURES—Continued.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	PRODUCTS. Value.	PRODUCTS. Rank.	PRODUCTS. Per cent of total.	POPULATION. Total.	POPULATION. Rank.	POPULATION. Per cent of total.
Oil City	158	$4,578,237	189	1,992	$1,038,173	$161,228	$4,742,848	$6,710,886	27	0.4	13,264	31	0.2
Orwigsburg	27	268,522	34	453	133,189	15,625	406,423	648,223	105	(1)	1,518	131	(1)
Pen Argyl	31	392,615	58	336	177,873	46,457	219,184	537,322	111	(1)	2,784	118	(1)
Philadelphia	15,887	476,529,407	18,062	246,445	111,847,076	55,575,685	326,877,441	603,466,526	1	32.9	1,293,697	1	20.5
Phoenixville	92	6,482,025	94	2,556	1,099,719	232,963	3,202,965	4,992,772	36	0.3	9,196	47	0.1
Pittsburg	1,938	193,162,900	2,253	69,977	36,684,563	15,293,017	116,833,174	203,261,251	2	11.1	321,616	2	5.1
Pittston	95	1,038,797	100	505	222,340	98,686	722,800	1,261,500	79	0.1	12,556	34	0.2
Plymouth	101	579,553	98	923	213,497	95,935	362,488	803,728	97	(1)	13,649	28	0.2
Pottstown	144	4,922,856	164	3,059	1,251,229	386,985	5,263,759	8,111,486	25	0.4	13,696	27	0.2
Pottsville	206	3,383,237	232	1,967	671,179	383,317	3,626,129	5,354,633	34	0.3	15,710	23	0.2
Rankin	12	4,962,354	8	1,622	983,867	716,589	5,437,357	8,607,680	24	0.5	3,775	100	0.1
Reading	843	27,975,628	989	19,165	7,544,950	5,085,456	19,089,332	36,902,511	5	2.0	78,961	5	1.3
Rochester	47	2,228,337	59	1,433	589,516	104,262	470,450	1,440,567	73	0.1	4,688	86	0.1
St. Clair	31	94,863	42	213	47,506	2,225	57,678	146,277	129	(1)	4,638	88	0.1
Sayre	46	1,341,905	52	1,261	591,238	40,754	1,170,326	1,945,797	60	0.1	5,243	81	0.1
Schuylkill Haven	53	545,701	59	702	259,499	15,605	1,105,426	1,497,484	69	0.1	3,654	103	0.1
Scranton	710	19,954,525	771	12,669	5,191,522	1,857,881	18,411,022	27,646,418	6	1.5	102,026	4	1.6
Shamokin	143	971,130	154	1,068	313,057	130,080	905,421	1,656,606	68	0.1	18,202	21	0.3
Sharon	96	6,140,725	112	3,145	1,601,748	470,574	6,751,895	9,865,039	22	0.5	8,916	49	0.1
Sharpsburg	103	1,053,416	117	1,213	669,946	81,674	1,854,014	2,950,668	49	0.2	6,842	62	0.1
Sharpsville	21	3,657,100	22	912	531,309	229,576	4,220,305	6,238,801	30	0.3	2,970	116	(1)
Shenandoah	78	374,057	88	210	88,555	96,929	180,224	479,336	113	(1)	20,321	20	0.3
Shippensburg	54	263,081	70	284	71,437	17,233	186,893	391,727	119	(1)	3,228	111	0.1
Slatington	54	756,751	61	926	362,384	49,291	321,121	947,737	92	0.1	3,773	101	0.1
South Bethlehem	127	8,713,185	126	5,544	2,390,100	931,898	5,301,034	10,964,911	19	0.6	13,241	32	0.2
South Williamsport	15	586,673	14	386	146,218	41,671	342,755	629,446	108	(1)	3,328	109	0.1
Spring City	47	509,362	46	482	198,685	19,573	280,290	655,974	103	(1)	2,566	120	(1)
Steelton	55	6,315,833	51	4,871	2,127,334	941,119	10,006,789	14,204,954	16	0.8	12,086	38	0.2
Stroudsburg	55	461,770	63	544	232,046	25,142	589,797	959,845	91	0.1	3,450	107	0.1
Summit Hill	14	34,078	16	29	11,105	745	27,342	51,323	132	(1)	2,986	115	(1)
Sunbury	76	2,101,602	76	1,140	441,531	177,578	1,360,184	2,254,609	54	0.1	9,810	43	0.2
Susquehanna	82	810,076	81	1,187	613,508	18,938	685,438	1,416,927	74	0.1	3,813	99	0.1
Tamaqua	64	917,124	65	564	229,728	87,826	388,937	847,964	94	0.1	7,267	59	0.1
Tarentum	55	2,192,747	58	1,420	628,233	254,885	755,942	1,980,947	59	0.1	5,472	76	0.1
Taylor	12	170,549	12	197	30,375	29,742	95,113	166,438	127	(1)	4,215	92	0.1
Titusville	113	2,550,452	127	1,204	522,749	216,767	1,657,275	2,995,292	48	0.2	8,244	51	0.1
Towanda	89	673,021	111	559	185,477	35,655	358,155	732,433	99	(1)	4,663	87	0.1
Turtle Creek	14	14,800	15	15	9,710	1,434	21,825	45,078	133	(1)	3,262	110	0.1
Tyrone	69	1,098,861	80	560	243,711	62,286	670,868	1,305,899	78	0.1	5,847	71	0.1
Uniontown	130	872,549	157	743	323,863	90,467	632,238	1,348,936	77	0.1	7,344	55	0.1
Warren	119	2,869,020	138	1,270	585,590	350,190	2,357,681	4,152,859	44	0.2	8,043	52	0.1
Washington	150	2,897,671	174	2,206	1,052,616	461,068	2,303,113	4,667,330	39	0.3	7,670	54	0.1
Watsontown	21	257,571	20	280	91,651	11,747	298,200	459,670	116	(1)	1,898	129	(1)
Waynesboro	61	3,984,774	61	1,103	507,628	265,093	1,072,213	2,731,059	51	0.2	5,396	77	0.1
West Bethlehem	17	143,990	22	69	29,214	19,928	174,573	276,939	124	(1)	3,465	104	0.1
West Chester	112	1,244,188	127	740	351,087	164,169	459,559	1,378,362	76	0.1	9,524	45	0.2
West Pittston	35	567,287	36	299	123,238	127,444	242,730	621,996	110	(1)	5,846	72	0.1
Wilkesbarre	438	10,501,537	520	5,977	2,286,676	1,142,358	5,167,777	10,758,348	20	0.6	51,721	7	0.8
Wilkinsburg	131	1,049,083	159	655	464,107	644,594	897,931	2,295,846	53	0.1	11,886	39	0.2
Williamsport	396	9,863,811	439	5,595	2,065,930	517,059	6,420,337	11,199,600	18	0.6	28,757	16	0.5
Wilmerding	10	19,546,553	9	2,015	1,353,869	636,488	2,592,726	9,171,384	23	0.5	4,179	93	0.1
Wrightsville	34	462,672	38	427	133,735	31,909	470,759	781,452	98	(1)	2,266	125	(1)
York	464	9,640,784	564	7,785	2,679,175	798,453	6,078,070	11,961,706	17	0.7	33,708	15	0.5
Total for state exclusive of urban manufactures	18,736	330,854,051	20,867	149,911	66,201,409	20,916,617	238,701,888	396,867,315	-------	21.6	3,099,595	-------	49.2
Per cent of urban manufactures to total for state	64.1	75.4	64.5	79.6	80.1	84.4	77.1	78.4	-------	-------	50.8	-------	-------

[1] Less than one-tenth of 1 per cent.

Of the 52,185 establishments in the state, 33,449, or 64.1 per cent, were located in these 133 cities and boroughs. They furnished employment to 583,923 wage-earners, or 79.6 per cent of the total number; and the value of their products, $1,437,923,545, formed 78.4 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities and boroughs of Allegheny, Allentown, Altoona, Chester, Easton, Erie, Harrisburg, Johnstown, Lancaster, McKeesport, Newcastle, Norristown, Philadelphia, Pittsburg, Reading, Scranton, Shenandoah, Wilkesbarre, Williamsport, and York by specified industries.

Table 9 shows the totals for all industries in the cities and boroughs withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	52,185	$1,551,548,712	$148,768,571	$227,035,804	$392,150,856	$783,593,481	58,836	47,439	$48,605,173	733,834	$332,072,670
2	Adams	350	1,385,415	125,651	229,143	274,807	755,814	389	45	30,262	1,386	371,140
3	Allegheny	4,145	401,558,644	35,949,245	48,313,156	94,117,699	223,178,544	4,740	9,547	9,981,648	128,382	69,345,233
4	Armstrong	266	8,442,201	706,933	2,338,763	3,263,128	2,133,377	299	148	189,361	3,814	1,652,769
5	Beaver	359	15,262,391	1,009,302	2,985,303	4,659,903	6,607,883	385	416	489,223	7,095	3,143,341
6	Bedford	286	3,469,344	678,755	678,362	469,458	1,642,769	332	49	45,000	1,114	438,339
7	Berks	1,699	37,279,817	2,968,360	6,979,987	9,177,828	18,153,642	1,930	1,301	1,131,101	25,379	9,676,954
8	Blair	486	11,916,060	725,487	2,354,182	4,295,118	4,541,273	567	503	398,547	10,676	5,718,785
9	Bradford	538	5,979,273	1,049,949	1,267,603	1,178,342	2,483,379	653	173	129,360	3,272	1,314,753
10	Bucks	735	8,504,273	368,260	1,359,953	2,504,423	4,271,637	790	217	185,590	5,600	1,952,187
11	Butler	344	2,627,912	250,313	452,851	905,247	1,019,501	414	56	59,922	1,346	657,853
12	Cambria	472	20,244,523	1,582,647	3,759,657	7,855,023	7,047,196	572	470	523,810	7,511	3,791,541
13	Cameron	48	3,307,343	1,043,830	288,484	300,745	1,674,284	49	52	44,827	507	253,299
14	Carbon	237	4,179,459	298,110	1,400,967	1,111,103	1,369,279	231	149	125,456	3,287	1,090,329
15	Center	292	2,978,386	554,818	750,783	686,597	986,188	336	90	74,481	1,514	589,497
16	Chester	924	18,014,467	1,263,295	3,274,707	4,915,435	8,561,030	978	563	464,100	8,034	3,485,780
17	Clarion	202	1,177,286	274,375	145,604	289,419	467,888	243	38	24,424	593	206,555
18	Clearfield	318	12,502,450	3,625,454	1,235,542	1,544,822	6,096,632	368	168	156,939	3,946	1,626,745
19	Clinton	218	5,823,684	731,380	990,195	1,308,917	2,793,192	262	157	133,467	2,564	1,093,996
20	Columbia	304	5,721,489	382,583	1,185,117	1,503,527	2,650,262	338	144	140,729	3,028	1,277,387
21	Crawford	600	5,618,988	360,752	940,130	1,796,008	2,522,098	705	208	191,451	3,373	1,446,226
22	Cumberland	421	5,193,136	882,639	680,123	990,320	2,640,054	470	200	181,130	3,138	971,920
23	Dauphin	869	19,080,076	1,370,372	2,988,071	4,237,283	10,484,350	931	871	823,443	15,430	6,198,786
24	Delaware	602	30,315,934	2,083,260	5,011,424	9,586,434	13,634,816	639	520	747,671	13,923	5,833,786
25	Elk	188	15,947,430	3,204,836	2,111,749	2,793,939	7,836,906	194	208	214,870	3,302	1,454,740
26	Erie	1,068	23,330,186	1,671,221	4,051,380	6,268,945	11,338,640	1,216	786	785,531	11,263	5,339,638
27	Fayette	559	16,300,498	899,632	2,226,379	6,818,216	6,356,271	648	473	405,420	7,663	3,948,274
28	Forest	83	3,527,417	1,065,295	184,242	620,941	1,656,939	122	45	38,473	756	349,045
29	Franklin	419	6,224,095	238,857	715,352	954,266	4,315,620	460	193	184,328	2,778	1,140,705
30	Fulton	84	229,861	42,827	51,460	78,090	57,484	109	4	1,145	59	22,027
31	Greene	118	360,301	41,395	78,524	111,184	129,198	160	3	1,140	147	52,717
32	Huntingdon	259	2,481,604	340,132	439,097	672,860	1,029,515	279	78	47,404	1,375	451,395
33	Indiana	278	3,143,971	846,351	315,203	797,310	1,185,107	350	59	45,871	1,499	650,147
34	Jefferson	310	8,213,413	1,811,351	1,243,572	1,446,032	3,712,458	369	83	86,800	2,489	1,102,346
35	Juniata	121	429,776	47,038	104,885	140,794	137,059	149	11	7,464	214	77,850
36	Lackawanna	1,010	24,538,039	2,645,732	4,642,993	6,266,540	10,982,774	1,070	839	973,328	15,582	6,243,533
37	Lancaster	2,213	20,053,299	1,507,967	3,875,152	5,227,804	9,442,376	2,419	743	602,823	17,786	6,015,903
38	Lawrence	339	15,536,065	889,537	2,624,702	7,718,845	4,302,981	383	295	330,001	6,185	3,849,976
39	Lebanon	492	9,764,771	770,351	2,300,391	2,942,359	3,751,670	562	305	302,237	7,691	2,979,635
40	Lehigh	1,043	26,254,303	2,328,543	7,445,807	6,200,897	10,279,056	1,252	687	640,083	16,463	6,223,386
41	Luzerne	1,290	19,351,784	1,479,177	3,405,914	7,028,968	7,437,725	1,382	721	724,960	12,674	4,753,888
42	Lycoming	762	19,780,341	3,102,036	2,097,112	3,552,898	11,028,295	849	584	507,265	8,923	3,401,701
43	McKean	416	11,235,795	1,466,622	1,596,953	2,674,296	5,497,924	474	299	316,794	5,163	2,888,152
44	Mercer	382	12,969,239	749,041	2,771,468	3,848,909	5,599,821	449	232	250,368	5,696	3,023,554
45	Mifflin	190	4,032,288	198,903	632,679	1,233,873	1,966,833	216	82	92,087	1,995	814,428
46	Monroe	195	2,360,281	412,414	475,305	545,099	927,463	221	53	48,417	1,162	417,913
47	Montgomery	1,199	30,774,139	2,289,362	4,903,712	7,833,437	15,747,628	1,285	1,076	1,135,724	17,619	7,754,381
48	Montour	137	2,928,748	123,629	321,656	1,144,106	1,339,357	157	74	75,998	2,449	870,516
49	Northampton	1,016	33,557,215	3,306,689	4,848,971	9,759,826	15,641,729	1,120	837	836,671	17,461	7,012,067
50	Northumberland	476	6,720,821	506,003	1,115,997	1,810,131	3,288,690	516	270	211,353	4,719	1,645,938
51	Perry	167	2,311,743	350,539	400,431	453,942	1,106,831	185	38	34,044	786	299,983
52	Philadelphia	15,887	476,529,407	43,726,855	64,859,709	113,918,281	254,024,562	18,062	19,113	20,154,836	246,445	111,847,076
53	Pike	49	314,997	74,060	52,970	66,020	121,947	64	3	3,150	134	47,838
54	Potter	240	10,631,130	3,780,061	691,415	1,284,080	4,875,574	245	122	127,656	3,005	1,197,895
55	Schuylkill	944	9,329,209	803,923	2,408,534	3,031,838	3,084,914	1,048	345	235,339	6,301	2,219,313
56	Snyder	108	373,361	34,433	67,972	114,273	156,683	124	3	1,100	232	62,815
57	Somerset	311	2,642,194	922,123	309,044	654,604	756,423	367	67	49,800	1,519	588,051
58	Sullivan	90	3,185,327	920,086	485,909	460,896	1,318,436	92	27	31,324	660	242,338
59	Susquehanna	395	2,198,411	242,480	483,248	923,069	549,614	404	71	42,435	2,200	1,050,928
60	Tioga	379	6,791,517	1,605,144	1,187,425	847,725	3,151,223	418	84	83,939	1,663	678,328
61	Union	152	1,081,338	159,247	136,455	322,172	463,464	177	23	14,054	512	172,691
62	Venango	408	14,290,046	601,503	1,246,264	3,342,660	9,099,619	494	346	519,417	3,424	1,752,044
63	Warren	351	7,909,203	582,449	873,447	1,697,769	4,755,538	421	149	142,417	2,710	1,132,676
64	Washington	552	8,298,768	597,401	1,767,587	2,548,042	3,385,738	532	306	312,836	4,915	2,563,423
65	Wayne	282	3,778,358	375,946	557,677	870,398	1,974,337	306	120	92,679	2,047	749,041
66	Westmoreland	624	31,587,664	1,857,142	4,149,606	11,352,275	14,228,641	662	811	993,557	14,535	8,050,020
67	Wyoming	178	2,046,437	336,105	245,895	331,812	1,132,625	198	31	25,486	593	233,167
68	York	1,706	17,621,371	1,528,363	2,921,454	4,468,849	8,702,705	1,905	655	602,607	14,128	4,563,987

TABLE 7.—MANUFACTURES BY

1	All industries	52,185	$1,551,548,712	$148,768,571	$227,035,804	$392,150,856	$783,593,481	58,836	47,439	$48,605,173	733,834	$332,072,670
2	Agricultural implements	50	4,102,327	184,407	554,284	440,382	2,923,254	64	197	183,549	1,564	688,044
3	Ammunition	4	100,608	2,300	8,450	3,875	85,983	4	5	3,460	245	45,411
4	Artificial feathers and flowers	25	545,056	42,700	33,500	49,680	419,176	35	42	52,948	873	208,869
5	Artificial limbs	12	33,545	700	550	13,640	18,655	13	12	5,512	41	19,363
6	Artists' materials	4	50,625	4,500	12,000	8,195	25,930	5	8	4,832	28	9,764

BY COUNTIES 1900.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
574,606	$293,697,372	126,093	$33,067,828	33,135	$5,307,470	$134,344,269	$10,814,621	$4,444,216	$86,207,684	$32,877,748	$1,042,434,599	$995,673,525	$46,761,074	$1,834,790,860	1
878	268,572	454	97,402	54	5,166	232,853	12,715	3,007	211,088	6,043	1,171,897	1,145,063	26,834	2,177,105	2
116,416	66,558,755	8,844	2,173,237	3,122	613,241	28,657,932	1,275,778	1,180,283	20,939,192	5,262,679	255,073,508	240,077,637	14,995,871	433,837,410	3
3,383	1,588,034	339	47,886	92	16,849	523,100	33,225	34,133	445,592	10,150	3,862,084	3,398,210	463,874	7,169,257	4
5,622	2,803,474	812	246,356	661	93,511	736,516	23,391	26,731	662,727	23,667	6,672,762	6,268,751	404,011	13,459,848	5
1,069	431,075	19	4,366	26	2,898	168,584	9,521	12,966	145,210	887	2,258,815	2,064,993	193,822	3,331,056	6
18,641	8,172,571	5,229	1,304,729	1,509	199,654	5,724,218	227,803	116,457	2,069,751	3,310,207	27,064,902	25,502,407	1,562,495	49,977,253	7
9,804	5,545,303	616	135,310	256	38,172	501,385	55,467	22,850	360,330	62,738	11,525,174	11,110,029	415,145	19,606,238	8
2,915	1,248,289	291	56,259	66	10,205	212,465	36,620	18,171	149,631	8,043	4,211,326	4,155,478	55,848	6,704,935	9
3,489	1,438,176	1,645	440,282	466	73,729	883,242	52,294	20,855	764,361	45,732	6,242,830	6,063,792	179,038	10,653,339	10
1,215	628,855	88	20,187	43	8,811	184,059	13,690	19,955	105,028	45,386	1,475,193	1,392,093	83,100	3,130,125	11
7,280	3,738,289	115	29,899	116	23,353	2,042,531	267,269	71,825	1,620,993	82,444	16,049,417	14,635,435	1,413,982	25,506,094	12
489	249,326	15	3,723	3	250	190,017	16,430	11,453	149,858	12,276	1,584,166	1,469,973	114,193	2,175,069	13
2,372	986,521	587	75,637	328	28,171	234,375	19,369	14,585	144,897	55,524	3,430,083	3,245,688	184,395	5,461,339	14
1,423	570,719	62	14,111	29	4,667	116,163	16,436	10,301	87,156	2,270	1,980,133	1,645,070	335,063	3,424,681	15
6,767	3,205,247	940	223,890	327	56,643	944,104	63,186	36,941	702,407	141,570	12,542,675	11,859,655	683,020	21,103,894	16
469	185,592	97	16,402	27	4,561	52,236	3,565	6,911	41,704	56	771,865	753,258	18,607	1,403,737	17
3,801	1,597,611	55	12,591	90	16,543	361,883	17,146	48,596	294,437	1,704	5,449,488	5,341,902	107,586	8,848,483	18
2,215	1,033,159	321	57,110	28	3,727	280,535	15,838	18,855	207,828	38,014	2,888,509	2,796,075	92,434	5,279,405	19
2,435	1,164,551	459	92,308	134	20,528	269,114	15,009	11,036	188,843	54,226	4,762,212	4,638,115	124,097	7,665,729	20
2,928	1,339,296	428	105,068	17	1,862	484,332	34,679	16,175	373,191	60,287	4,387,340	4,269,713	117,627	7,724,001	21
2,060	774,097	977	188,365	101	9,458	223,747	29,380	9,221	169,833	15,313	2,860,843	2,803,249	57,594	4,980,616	22
12,721	5,694,145	2,359	462,362	350	42,279	2,013,921	198,312	57,868	1,625,360	132,381	25,141,437	23,325,171	1,816,266	39,417,393	23
9,944	4,748,326	3,083	923,514	896	161,946	1,806,179	122,518	67,372	1,286,243	330,046	16,483,059	15,770,714	712,345	28,444,940	24
3,111	1,408,594	149	39,848	42	6,298	700,629	9,616	58,931	605,459	26,623	6,431,211	6,272,652	158,559	10,375,315	25
10,134	5,072,333	861	216,694	268	50,611	1,345,778	119,965	77,288	1,018,987	129,538	11,395,878	11,032,053	363,825	23,156,994	26
7,395	3,889,543	177	40,296	91	18,435	1,169,594	45,815	128,415	967,231	28,133	10,434,506	10,076,360	358,146	19,544,100	27
751	347,885	3	760	2	400	79,098	1,749	22,641	48,658	6,050	1,934,287	1,925,867	8,420	2,962,051	28
2,408	1,073,515	295	58,180	75	9,010	387,898	23,920	10,303	294,885	58,790	2,805,703	2,762,001	43,702	5,738,330	29
57	21,627	-------	----------	2	400	3,035	565	1,026	1,394	50	167,354	166,118	1,236	261,692	30
122	47,798	22	4,295	3	624	14,939	3,139	1,918	9,847	35	319,126	313,326	5,800	520,258	31
1,142	401,259	180	43,586	53	6,550	170,336	15,630	10,202	144,304	200	1,443,193	1,385,347	57,846	2,483,832	32
1,324	619,823	88	15,612	87	14,712	96,182	6,430	9,823	79,779	150	2,055,229	2,007,190	48,039	3,292,532	33
2,238	1,053,217	179	34,314	72	14,815	359,352	21,604	25,605	299,893	12,250	4,341,031	4,135,792	205,239	7,028,416	34
169	69,043	39	8,390	5	417	16,282	2,407	1,870	12,005	----------	378,667	373,835	4,832	597,578	35
10,717	5,405,462	3,482	639,660	1,383	198,411	2,265,740	186,645	111,247	1,441,952	525,896	20,873,564	19,758,004	1,115,560	32,510,627	36
11,033	4,538,694	5,319	1,266,887	1,434	210,322	2,243,109	135,217	57,071	1,774,587	276,234	17,373,686	16,802,807	570,879	31,886,944	37
5,799	3,748,612	280	75,944	106	25,420	588,401	34,471	61,220	470,991	21,719	15,524,722	14,051,830	1,472,892	24,153,160	38
6,079	2,572,194	1,307	359,986	305	47,455	576,101	94,844	21,947	449,701	9,609	9,355,079	7,721,406	1,633,673	14,586,154	39
12,242	5,361,620	3,121	710,695	1,100	151,071	2,041,644	151,269	62,828	1,297,692	529,855	17,593,067	15,833,723	1,759,344	31,250,205	40
7,987	3,934,731	3,537	689,363	1,150	129,794	1,961,538	152,631	61,564	1,399,771	347,572	10,346,885	10,175,787	171,098	21,095,711	41
6,747	2,872,278	1,781	472,263	395	57,160	935,022	81,608	46,624	753,908	52,882	11,054,680	10,900,446	154,234	18,945,237	42
4,833	2,806,387	213	58,230	117	23,535	581,629	30,969	33,877	485,479	31,304	6,109,707	5,884,384	225,323	11,906,132	43
5,508	2,984,977	145	31,637	43	6,940	886,623	20,267	33,984	742,280	90,092	13,883,440	11,707,514	2,175,926	21,001,413	44
1,850	786,673	100	22,381	45	5,374	148,229	8,510	6,232	120,122	13,365	2,008,755	1,886,668	122,087	3,621,281	45
920	377,146	141	26,007	101	14,760	82,328	10,383	6,942	65,003	----------	1,368,899	1,328,334	40,565	2,288,725	46
13,113	6,687,991	3,688	928,013	818	138,377	2,049,505	372,412	56,277	1,546,007	74,809	23,154,709	21,961,056	1,193,653	40,691,273	47
2,003	814,154	209	35,808	237	20,554	231,821	10,949	8,397	211,075	1,400	2,876,488	2,601,844	274,644	4,492,949	48
14,174	6,348,493	2,403	528,482	884	135,092	2,484,190	675,816	71,732	1,312,343	424,299	15,010,341	13,489,634	1,550,707	30,811,623	49
3,468	1,415,684	1,053	209,015	198	21,239	517,068	41,577	16,165	278,739	180,587	5,593,958	5,480,179	113,779	9,118,742	50
699	286,677	15	3,840	72	9,466	55,527	3,288	7,611	44,128	500	1,417,408	1,315,723	101,685	2,063,516	51
172,011	91,540,077	61,688	18,151,177	12,746	2,155,822	55,575,685	5,607,288	1,222,710	28,978,408	19,767,279	326,877,441	320,684,140	6,193,301	603,466,526	52
132	47,608	-------	----------	2	230	6,298	700	1,879	3,719	----------	108,654	107,363	1,291	219,475	53
2,815	1,149,332	150	42,105	40	6,458	213,119	10,165	33,313	169,571	70	5,516,434	5,480,240	36,194	8,169,297	54
3,983	1,801,518	1,979	377,806	339	39,989	829,905	67,776	25,971	679,379	56,779	8,108,688	8,011,086	97,602	12,968,140	55
158	50,466	68	11,819	6	530	22,970	4,463	1,266	16,941	300	375,471	372,123	3,348	588,023	56
1,361	562,100	70	14,066	88	11,885	204,338	6,088	10,965	186,212	1,073	2,332,697	2,295,272	37,425	3,744,560	57
628	236,390	23	3,914	9	2,034	68,701	2,062	7,601	59,038	----------	1,562,556	1,558,247	4,309	2,358,604	58
2,084	1,031,213	95	16,424	21	3,291	67,169	15,582	7,729	36,763	7,095	2,158,621	2,123,337	35,284	3,759,445	59
1,570	658,328	71	17,007	22	2,993	173,650	12,570	11,309	149,021	750	4,632,262	4,596,781	35,481	6,491,017	60
419	155,381	85	16,314	8	996	27,110	7,336	3,967	15,697	110	778,969	768,001	10,968	1,182,500	61
3,206	1,698,754	204	51,010	14	2,280	1,828,479	35,402	27,223	1,762,504	3,350	10,825,884	10,547,054	278,830	18,494,139	62
2,562	1,087,272	108	29,182	40	16,222	489,641	18,923	21,220	413,399	36,099	5,877,893	5,756,701	121,192	9,142,959	63
4,275	2,429,016	278	63,412	362	70,995	1,094,950	34,077	28,869	759,355	272,649	4,908,509	4,594,615	313,894	10,299,588	64
1,436	622,142	423	101,913	188	24,986	161,962	10,691	10,756	105,940	34,575	2,114,144	2,068,743	45,401	3,724,302	65
13,353	7,798,425	666	152,547	516	99,048	2,601,020	70,962	131,716	2,320,681	77,661	19,991,682	18,982,720	1,008,962	37,285,177	66
498	217,859	10	2,664	85	12,644	67,902	4,985	9,626	53,291	----------	1,221,240	1,213,936	7,304	1,940,580	67
9,756	3,695,098	3,553	765,288	819	103,601	2,076,281	84,214	39,809	1,875,885	76,373	11,872,163	11,430,815	441,348	23,089,791	68

SPECIFIED INDUSTRIES: 1900.

574,606	$293,697,372	126,093	$33,067,828	33,135	$5,307,470	$134,344,269	$10,814,621	$4,444,216	$86,207,684	$32,877,748	$1,042,434,599	$995,673,525	$46,761,074	$1,834,790,860	1
1,557	686,790	1	261	6	993	196,719	3,173	11,948	153,028	28,570	1,232,242	1,195,306	36,936	3,198,471	2
6	3,185	229	40,826	10	1,400	2,063	280	188	1,495	100	60,393	60,072	321	144,930	3
84	40,135	521	137,021	268	31,713	54,012	17,724	1,018	34,270	1,000	467,129	464,710	2,419	949,990	4
38	18,753	1	312	2	298	6,473	4,555	14	1,904	----------	17,062	16,599	463	84,239	5
11	5,640	14	3,724	3	400	6,738	540	148	6,050	----------	62,091	61,728	363	100,191	6

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
7	Awnings, tents, and sails	75	$240,367	$3,825	$6,600	$38,488	$191,454	84	16	$11,190	287	$127,705
8	Babbitt metal and solder	6	74,673	4,400	3,250	7,300	59,723	7	2	1,400	19	10,103
9	Bags, other than paper	3	41,250	------	------	9,250	32,000	6	2	2,020	29	10,425
10	Bags, paper	12	217,407	5,000	6,772	46,890	158,745	9	14	13,924	163	52,575
11	Baking and yeast powders	8	56,350	1,200	5,000	11,450	38,700	7	19	12,970	32	12,006
12	Baskets, and rattan and willow ware	57	120,754	6,640	15,809	26,456	71,849	60	5	3,120	190	66,652
13	Bells	3	29,400	2,000	8,500	12,000	6,900	4	2	1,080	7	2,535
14	Belting and hose, leather	9	488,337	8,500	32,570	61,252	386,015	13	25	15,077	87	52,880
15	Bicycle and tricycle repairing	502	578,633	29,200	55,455	213,210	280,768	571	30	16,889	418	171,833
16	Bicycles and tricycles	24	1,550,957	78,930	211,840	422,635	837,552	26	110	91,681	947	431,369
17	Billiard tables and materials	5	47,435	4,000	3,000	1,935	38,500	6	2	1,560	17	9,986
18	Blacking	12	394,804	20,500	36,688	45,225	292,391	12	59	59,074	146	49,435
19	Blacksmithing and wheelwrighting	4,509	5,182,393	1,015,703	1,388,122	895,040	1,883,528	4,789	21	13,184	2,766	1,394,095
20	Bluing	7	38,175	6,800	8,200	4,875	18,300	10	------	------	19	6,739
21	Bone, ivory, and lampblack	12	725,535	148,603	177,422	290,371	109,139	15	15	16,650	66	37,857
22	Bookbinding and blank book making	111	1,470,816	11,150	34,100	593,964	831,602	130	92	94,233	1,606	638,363
23	Boot and shoe cut stock	7	145,944	3,725	5,500	9,318	127,401	11	10	7,600	72	22,220
24	Boot and shoe uppers	16	44,230	16,350	16,150	2,665	9,065	21	1	700	31	14,938
25	Boots and shoes, custom work and repairing.	2,580	1,098,111	182,765	294,400	265,664	355,282	2,611	22	12,604	904	358,417
26	Boots and shoes, factory product	146	6,860,480	279,602	660,300	1,309,513	4,611,065	209	663	579,794	9,144	3,111,113
27	Bottling	492	3,012,944	448,554	560,694	498,220	1,505,476	538	130	104,522	1,243	628,838
28	Boxes, cigar	101	992,528	69,510	159,366	216,035	547,617	128	36	21,699	1,170	318,538
29	Boxes, fancy and paper	87	1,977,711	130,350	242,126	651,224	954,011	101	126	109,546	3,443	877,873
30	Boxes, wooden packing	59	1,211,133	229,130	184,616	257,631	539,756	66	56	47,092	865	352,535
31	Brass castings and brass finishing	58	2,796,234	260,725	370,777	533,387	1,631,345	66	137	141,195	961	495,638
32	Brassware	23	1,103,936	159,039	106,150	381,330	457,417	23	73	74,777	683	251,279
33	Bread and other bakery products	2,443	10,985,714	1,975,996	3,246,297	3,023,254	2,740,167	2,552	1,031	720,625	7,398	3,254,699
34	Brick and tile	385	10,506,823	2,796,468	2,885,801	2,108,046	2,716,508	507	269	247,674	6,733	2,626,291
35	Bridges	12	4,136,499	310,720	277,012	714,753	2,834,014	8	99	120,318	1,999	1,201,192
36	Bronze castings	4	448,181	37,500	50,500	44,425	315,756	3	23	35,490	137	82,722
37	Brooms and brushes	167	1,026,032	74,905	89,415	108,445	753,267	206	88	61,906	925	348,130
38	Buttons	21	557,488	24,500	47,580	200,052	285,356	30	42	39,152	1,140	321,473
39	Calcium lights	3	12,039	------	------	4,700	7,339	3	1	1,000	7	2,886
40	Card cutting and designing	16	99,132	3,000	2,600	40,779	52,753	21	1	520	113	54,540
41	Carpentering	1,846	12,574,714	1,119,406	1,164,102	1,043,034	9,248,172	2,143	438	354,379	13,266	7,641,982
42	Carpets and rugs, other than rag	93	17,957,607	936,875	2,705,050	5,294,986	9,020,696	108	336	375,483	12,919	5,330,643
43	Carpets, rag	250	400,148	76,872	107,525	61,540	154,211	275	20	7,401	472	145,949
44	Carpets, wood	4	38,699	------	------	6,050	32,649	9	10	5,430	57	24,634
45	Carriage and wagon materials	57	2,574,074	196,925	411,731	709,031	1,256,387	75	87	106,835	1,454	691,490
46	Carriages and sleds, children's	8	297,863	1,000	15,000	35,669	246,194	11	25	25,244	307	120,597
47	Carriages and wagons	872	8,643,315	1,397,475	2,025,796	919,800	4,300,244	1,064	247	206,649	5,166	2,497,452
48	Cars and general shop construction and repairs by steam railroad companies.	144	19,182,001	2,128,663	5,766,904	4,858,929	6,427,505	------	1,065	810,857	28,554	15,825,640
49	Cars and general shop construction and repairs by street railroad companies.	10	766,450	285,585	212,600	134,826	133,439	------	22	13,230	1,005	573,654
50	Cars, steam railroad, not including operations of railroad companies.	11	33,828,723	944,900	1,780,000	1,424,595	29,679,228	6	414	426,399	5,840	3,111,556
51	Charcoal	6	43,529	26,050	1,750	1,820	13,909	5	1	480	110	23,125
52	Cheese and butter, urban dairy products.	5	11,682	2,500	4,500	3,150	1,532	7	2	480	3	991
53	Cheese, butter, and condensed milk, factory product.	749	3,033,128	126,836	896,453	1,268,416	741,423	692	127	45,596	976	445,708
54	Chemicals	100	22,756,656	2,030,346	3,939,376	6,709,182	10,077,752	54	415	572,846	4,278	2,198,243
55	China decorating	26	51,389	12,100	6,600	6,907	25,782	25	8	2,170	33	13,731
56	Chocolate and cocoa products	3	799,671	45,000	170,000	126,343	458,328	3	48	35,238	123	40,307
57	Cleansing and polishing preparations	13	37,650	400	900	4,780	31,570	13	25	15,594	16	5,687
58	Cloth, sponging and refinishing	3	51,339	8,000	5,000	19,484	18,855	3	4	3,990	50	21,750
59	Clothing, horse	9	203,464	------	75	15,706	187,683	12	13	11,940	206	56,754
60	Clothing, men's, custom work and repairing.	2,231	6,711,201	634,728	789,500	343,595	4,943,378	2,549	363	273,713	7,710	3,410,804
61	Clothing, men's, factory product	481	10,446,107	408,840	452,936	394,780	9,189,551	659	831	819,176	10,497	4,422,074
62	Clothing, men's, factory product, buttonholes.	18	16,495	------	------	12,190	4,305	19	1	760	140	47,763
63	Clothing, women's, dressmaking	1,196	1,175,036	104,935	182,908	147,299	739,894	1,307	72	56,412	3,866	1,110,978
64	Clothing, women's, factory product	230	5,197,094	40,650	80,900	526,376	4,549,168	346	596	524,528	8,311	2,606,024
65	Coffee and spice, roasting and grinding	59	1,280,994	91,550	120,850	211,436	857,158	77	139	183,886	341	153,148
66	Coffins, burial cases, and undertakers' goods.	22	2,016,721	230,132	498,100	257,079	1,031,410	27	74	71,009	666	281,413
67	Coke	89	20,213,147	744,341	1,501,105	12,460,419	5,507,282	40	513	481,133	9,283	4,516,651
68	Combs	6	107,559	12,100	5,400	25,544	64,515	12	1	250	185	65,070
69	Confectionery	694	5,943,237	742,000	1,239,749	1,449,466	2,512,022	793	745	537,003	5,244	1,519,861
70	Cooperage	119	1,884,174	354,420	334,253	174,701	1,020,800	139	42	30,793	1,058	479,258
71	Cordage and twine	16	4,550,999	284,873	414,400	994,884	2,856,842	21	76	87,164	1,567	488,888
72	Cork, cutting	10	1,483,433	126,100	179,364	178,346	999,623	9	43	73,326	1,538	401,592
73	Corsets	14	78,470	2,300	1,500	16,965	57,705	14	11	13,100	157	52,152
74	Cotton goods	154	22,386,121	1,193,575	3,364,273	8,152,753	9,675,520	207	515	677,303	15,567	5,602,339
75	Cotton small wares	24	1,945,844	107,500	215,500	627,758	995,086	34	50	64,620	1,444	454,947
76	Cotton waste	10	273,905	13,500	29,100	44,925	186,380	11	8	10,430	78	41,950

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
175	$97,743	110	$29,632	2	$330	$29,587	$18,159	$190	$11,238	------	$312,662	$310,872	$1,790	$662,659	7
19	10,103	------	------	------	------	2,149	1,380	148	621	------	146,025	144,934	1,091	189,310	8
8	4,650	21	5,775	------	------	2,446	1,924	45	477	------	85,220	84,970	250	130,208	9
92	37,213	71	15,362	------	------	12,976	4,632	276	8,068	------	338,480	335,621	2,859	504,335	10
21	10,266	9	1,565	2	175	8,355	3,600	70	4,685	------	57,355	56,358	997	107,260	11
144	57,234	37	8,161	9	1,257	9,479	4,210	328	4,941	------	72,961	72,133	828	196,121	12
7	2,535	------	------	------	------	651	120	109	422	------	7,046	6,031	1,015	15,525	13
85	52,520	------	------	2	360	14,553	6,075	408	8,070	------	470,004	467,456	2,548	665,955	14
386	167,087	------	------	32	4,746	77,529	57,247	1,604	17,048	$1,630	351,822	339,645	12,177	956,499	15
891	419,958	29	7,280	27	4,131	128,931	10,597	1,700	110,834	5,800	1,065,461	1,050,195	15,266	1,855,043	16
17	9,986	------	------	------	------	2,185	1,068	80	1,037	------	24,565	24,485	80	51,837	17
48	23,017	88	24,671	10	1,747	48,054	9,832	1,159	37,063	------	239,389	236,282	3,107	510,536	18
2,716	1,386,706	------	------	50	7,389	258,025	168,200	31,624	55,315	2,886	1,888,575	1,762,062	126,513	6,904,109	19
9	4,189	3	800	7	1,750	1,526	630	231	665	------	20,416	20,074	342	42,805	20
66	37,857	------	------	------	------	67,524	4,750	2,021	59,862	891	83,739	82,389	1,350	309,397	21
770	420,062	759	207,684	77	10,617	129,827	67,257	1,027	46,545	14,998	697,613	684,386	13,227	1,993,483	22
47	17,300	20	4,500	5	420	1,879	1,202	95	582	------	431,693	430,011	1,682	523,844	23
28	12,666	5	2,272	------	------	2,250	796	306	998	150	39,626	39,361	265	70,488	24
872	350,663	19	5,921	13	1,833	236,373	189,727	7,477	28,435	10,734	837,287	817,066	20,221	2,708,357	25
5,291	2,157,786	3,239	838,589	614	114,738	572,624	48,953	10,193	509,079	4,399	8,210,846	8,158,589	52,257	13,235,933	26
1,225	624,852	9	2,294	9	1,692	457,857	88,578	145,015	223,848	416	7,135,046	7,113,515	21,531	9,637,949	27
519	182,344	586	128,624	65	7,570	43,963	6,596	3,066	34,301	------	909,900	896,344	13,556	1,553,005	28
748	316,619	2,260	501,658	435	59,596	158,142	58,038	4,652	95,452	------	1,260,423	1,237,328	23,095	2,986,118	29
820	345,662	21	2,944	24	3,929	51,197	13,624	5,157	32,416	------	1,344,918	1,330,687	14,231	2,117,029	30
955	493,143	5	2,250	1	245	174,232	18,209	7,644	147,612	767	2,643,566	2,604,188	39,378	3,862,135	31
513	217,912	77	19,041	93	14,326	79,652	12,055	2,907	64,490	200	409,414	396,441	12,973	981,081	32
5,967	2,959,484	1,041	236,570	390	58,645	1,009,193	311,933	76,899	619,906	455	11,055,386	10,715,752	339,634	20,784,041	33
6,433	2,568,232	2	270	298	57,789	535,607	112,412	34,100	343,219	45,876	1,137,944	281,621	856,323	5,954,415	34
1,989	1,198,192	------	------	10	3,000	177,423	1,870	5,706	97,212	72,635	3,867,058	3,807,381	59,677	6,991,565	35
136	82,566	1	156	------	------	44,314	1,800	1,011	39,973	1,530	876,182	868,056	8,126	1,146,074	36
681	303,330	179	34,538	65	10,262	68,922	30,011	2,245	31,770	4,896	941,190	933,346	7,844	1,769,172	37
347	166,892	711	141,601	82	12,980	17,683	7,715	1,233	8,555	180	403,106	396,475	6,631	999,355	38
7	2,886	------	------	------	------	1,432	1,004	------	428	------	3,286	2,768	518	17,774	39
106	51,520	3	2,400	4	620	6,877	3,030	128	2,183	1,536	37,244	36,446	798	150,414	40
13,241	7,635,911	1	520	24	5,551	16,289,156	127,438	36,635	278,917	15,846,166	15,591,271	15,550,637	40,634	46,580,575	41
6,608	3,269,567	5,461	1,926,024	850	135,052	1,671,015	107,624	35,151	1,248,594	279,646	13,773,788	13,538,025	235,763	23,113,058	42
404	133,597	59	11,335	9	1,017	32,547	10,533	2,135	9,513	10,366	332,151	328,236	3,915	697,338	43
57	24,634	------	------	------	------	10,618	3,710	------	6,908	------	76,273	74,856	1,417	165,148	44
1,417	685,671	------	------	37	5,819	93,747	4,730	8,408	78,609	2,000	1,144,743	1,110,381	34,362	2,496,955	45
237	104,622	45	11,375	25	4,600	41,787	7,780	647	33,360	------	221,318	219,618	1,700	474,650	46
5,082	2,481,857	17	3,919	67	11,676	393,101	87,260	38,407	240,027	27,407	3,215,741	3,134,481	81,260	8,342,662	47
28,372	15,779,638	144	38,974	38	7,028	3,280,079	225	61,366	265,622	2,952,866	23,147,574	22,790,489	357,085	43,065,171	48
1,005	573,654	------	------	------	------	14,819	100	9,087	5,632	------	595,620	589,127	6,493	1,244,518	49
5,753	3,083,636	------	------	87	27,920	1,265,456	20,804	20,806	823,846	400,000	12,188,811	11,992,884	195,927	19,260,910	50
110	23,125	------	------	------	------	6,626	------	42	4,550	2,034	28,383	28,083	300	69,705	51
3	991	------	------	------	------	452	222	36	194	------	8,411	8,136	275	18,959	52
922	435,101	35	8,629	19	1,978	116,195	23,828	11,868	79,344	1,155	8,711,635	8,602,063	109,572	10,290,006	53
4,055	2,136,905	211	59,036	12	2,302	931,869	16,881	50,838	861,657	2,493	6,805,769	6,240,847	564,922	13,034,384	54
20	10,531	11	2,992	2	208	5,685	4,029	426	1,095	135	39,196	37,492	1,704	89,216	55
76	30,700	37	8,644	10	963	43,686	600	2,064	41,022	------	870,360	861,663	8,697	1,039,032	56
12	4,477	4	1,210	------	------	10,106	1,671	68	8,367	------	21,754	21,290	464	65,323	57
49	21,650	------	------	1	100	7,431	2,280	170	4,981	------	2,558	1,265	1,293	52,548	58
53	21,096	116	29,126	37	6,532	30,953	6,125	58	1,970	22,800	319,700	318,472	1,228	474,366	59
4,998	2,702,849	2,606	693,142	106	14,813	1,059,909	529,128	20,985	262,438	247,358	5,195,433	5,141,322	54,111	13,374,712	60
5,024	2,962,561	5,115	1,400,067	358	59,446	2,137,272	251,787	10,102	369,723	1,505,660	12,212,763	12,159,198	53,565	23,389,043	61
76	31,212	49	14,456	15	2,095	3,959	2,614	------	1,345	------	16,383	15,579	804	102,181	62
265	165,008	3,568	942,108	33	8,862	203,551	161,152	4,147	36,428	1,824	1,243,625	1,225,811	17,814	3,741,180	63
1,961	1,057,678	6,188	1,524,493	162	23,853	629,266	151,184	6,772	370,030	101,280	6,269,950	6,229,816	40,134	11,694,580	64
253	130,660	86	22,300	2	188	90,330	23,645	3,913	62,772	------	1,981,504	1,958,330	23,174	2,769,056	65
520	258,780	138	21,787	8	846	74,654	6,381	6,659	61,614	------	584,627	576,327	8,300	1,214,488	66
9,278	4,515,749	------	------	5	902	1,227,259	32,177	186,344	995,882	12,856	11,678,079	11,555,923	122,156	22,282,358	67
139	55,451	30	6,632	16	2,987	6,274	1,992	255	4,027	------	116,655	113,813	2,842	220,312	68
2,150	929,639	2,422	492,274	672	97,948	608,386	176,190	27,168	404,458	570	5,854,998	5,752,452	102,546	10,361,878	69
944	453,868	------	------	114	25,390	153,695	25,287	8,856	35,854	83,698	1,958,021	1,945,914	12,107	2,974,553	70
719	311,280	630	146,019	218	31,589	84,096	2,300	5,815	75,981	------	4,672,682	4,651,234	21,448	5,938,381	71
537	240,500	861	145,565	140	15,527	173,540	3,426	5,235	164,879	------	1,120,402	1,110,394	10,008	2,188,224	72
11	7,118	131	43,099	15	1,935	5,271	4,476	40	755	------	72,003	71,651	352	185,090	73
6,737	3,149,455	7,119	2,194,413	1,711	258,471	1,852,026	141,464	52,863	1,107,867	549,832	12,238,660	11,893,060	345,600	23,421,470	74
337	149,479	1,001	287,328	106	18,140	205,117	22,179	4,222	88,306	90,410	938,058	915,260	22,798	2,026,227	75
74	40,860	4	1,090	------	------	14,755	4,938	688	8,879	250	546,167	540,985	5,182	669,594	76

TABLE 7.—MANUFACTURES BY

	Manufacturing and mechanical industries.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
77	Crucibles	5	$617,074	$33,000	$107,601	$105,780	$370,693	11	7	$12,049	69	$39,688
78	Cutlery and edge tools	31	2,027,680	189,074	485,553	514,852	838,201	41	53	59,062	1,005	445,543
79	Dentists' materials	18	1,288,171	120,000	217,000	210,028	741,143	20	70	79,134	630	327,117
80	Druggists' preparations, not including prescriptions.	18	4,542,682	195,200	460,906	424,117	3,462,459	19	333	358,870	1,190	415,871
81	Dyeing and cleaning	184	493,303	125,025	147,390	126,478	94,410	198	40	20,680	402	180,739
82	Dyeing and finishing textiles	105	7,679,906	733,612	1,290,133	2,368,629	3,287,532	155	216	260,277	4,716	2,065,752
83	Dye stuffs and extracts	12	1,778,173	121,450	273,179	537,993	845,551	5	36	60,686	257	118,544
84	Electrical apparatus and supplies	63	20,967,587	362,348	2,406,873	2,924,209	15,274,157	48	646	836,960	7,817	4,002,737
85	Electrical construction and repairs	132	552,207	32,500	9,975	90,268	419,464	168	67	60,611	597	327,443
86	Electroplating	49	150,919	6,000	3,400	86,762	54,757	66	6	4,976	200	86,996
87	Emery wheels	6	509,163	10,900	57,201	133,138	307,924	2	26	26,116	75	39,626
88	Enameling and enameled goods	10	140,150	10,500	28,600	47,840	53,210	10	21	10,243	101	33,323
89	Engraving and diesinking	50	52,387			34,000	18,387	58	1	1,040	68	35,407
90	Engraving, steel, including plate printing.	36	384,911	18,750	28,000	193,528	144,633	52	83	53,350	557	269,487
91	Engraving, wood	19	55,360	5,500	3,000	3,525	43,335	23	1	1,000	24	12,964
92	Envelopes	5	176,084			78,498	97,586	9	19	13,858	139	47,707
93	Explosives	36	2,819,458	110,466	391,515	943,102	1,374,375	17	102	130,394	629	320,362
94	Fancy articles, not elsewhere specified	36	282,397	4,600	14,390	65,535	197,872	46	40	17,731	420	105,197
95	Felt goods	3	186,445	6,150	53,800	68,050	58,445	4	6	6,336	75	30,490
96	Fertilizers	51	3,802,794	490,711	681,345	508,872	2,121,866	43	167	200,755	765	351,873
97	Files	14	1,650,414	139,824	336,930	573,621	600,039	17	39	57,666	1,149	445,045
98	Flags and banners	4	51,950	5,000	21,200	2,244	23,506	4	4	2,352	25	9,028
99	Flavoring extracts	30	199,837	15,700	18,925	17,659	147,553	39	25	18,092	54	22,077
100	Flouring and grist mill products	2,719	19,516,993	2,673,364	5,073,724	5,741,177	6,028,728	3,210	270	206,001	2,195	1,061,869
101	Food preparations	50	854,109	77,675	137,333	188,410	450,691	61	128	77,229	495	182,145
102	Foundry and machine shop products	1,260	154,958,750	14,285,139	22,327,171	33,052,633	85,293,807	1,354	4,564	5,170,370	62,828	33,199,521
103	Foundry supplies	11	640,144	221,050	66,543	133,534	219,017	8	31	35,270	129	69,579
104	Fruits and vegetables, canning and preserving.	39	520,206	38,216	77,355	101,658	302,977	43	35	25,309	468	123,179
105	Fur goods	51	671,021	32,450	18,820	27,901	591,850	58	61	29,882	260	136,213
106	Fur hats	20	5,726,259	848,940	1,368,207	736,849	2,772,263	22	180	269,619	2,890	1,187,272
107	Furnishing goods, men's	48	794,942	11,500	16,900	120,179	646,363	65	147	154,830	2,125	639,066
108	Furniture, cabinetmaking, repairing, and upholstering.	710	1,402,784	156,140	273,425	170,820	802,399	797	51	35,637	1,262	635,583
109	Furniture, factory product	192	7,715,730	669,527	1,214,073	1,360,209	4,471,921	296	514	478,687	6,412	2,732,359
110	Furs, dressed	3	37,245	12,000	13,000	7,120	5,125	5			19	13,400
111	Galvanizing	10	1,259,629	80,804	100,956	156,857	921,012	9	22	22,749	338	136,463
112	Gas and lamp fixtures	30	1,679,799	52,900	75,230	308,983	1,242,686	32	123	134,386	1,018	501,001
113	Gas and oil stoves	9	233,487	33,500	30,500	52,657	116,830	7	20	17,538	142	69,963
114	Gas, illuminating and heating	89	47,312,537	2,654,906	2,861,606	31,235,121	10,560,904		577	457,092	3,144	1,506,266
115	Gas machines and meters	12	2,161,806	111,500	159,500	320,500	1,570,306	8	59	57,616	872	435,272
116	Glass	119	28,287,187	2,589,897	8,021,796	7,683,311	9,992,183	81	842	1,110,383	19,420	10,287,491
117	Glass, cutting, staining, and ornamenting.	67	605,984	26,600	51,822	107,987	419,575	80	75	65,870	944	412,147
118	Gloves and mittens	4	28,950	500	4,500	4,650	19,300	6	3	1,800	43	9,759
119	Glue	11	2,194,144	123,362	276,262	199,850	1,594,670	13	24	39,320	549	218,642
120	Gold and silver, leaf and foil	8	408,894	53,900	92,900	47,602	214,492	12	6	5,268	189	87,730
121	Gold and silver, reducing and refining, not from the ore.	6	38,565	6,000	10,000	14,153	8,412	4	3	2,094	7	4,216
122	Graphite and graphite refining	4	75,425	1,500	8,100	35,000	30,825	1	4	6,800	27	10,637
123	Grease and tallow	38	1,380,348	132,334	339,700	399,599	508,715	39	40	46,350	347	178,606
124	Hairwork	37	122,655	35,000	17,000	9,350	61,305	41	2	1,600	98	35,907
125	Hand knit goods	8	15,795	1,075	1,200	2,770	10,750	9			44	8,400
126	Hand stamps	27	207,217	11,000	7,500	91,146	97,571	31	24	21,543	130	65,083
127	Hardware	49	5,264,174	599,330	757,832	1,396,604	2,510,408	48	272	220,855	4,095	1,604,362
128	Hardware, saddlery	6	24,350	1,500	1,550	4,200	17,100	7	3	2,166	37	13,356
129	Hat and cap materials	6	88,200	12,000	8,000	5,600	62,600	8	2	1,500	27	11,350
130	Hats and caps, not including fur hats and wool hats.	83	660,985	33,150	41,600	110,797	475,438	108	67	60,459	998	353,676
131	Hosiery and knit goods	319	15,743,981	721,967	1,890,387	5,599,572	7,532,055	367	688	638,483	21,540	5,825,783
132	House furnishing goods, not elsewhere specified.	19	486,641	31,500	84,400	86,969	283,772	30	37	22,216	284	87,994
133	Ice, manufactured	73	8,259,861	1,233,100	1,539,675	4,712,816	774,270	51	246	169,993	930	537,748
134	Ink, printing	7	471,006	73,000	47,000	74,099	276,907	7	29	60,824	78	47,947
135	Ink, writing	7	37,804	2,050	1,850	11,400	22,504	8	3	3,124	21	9,328
136	Instruments, professional and scientific	36	1,284,738	53,000	166,950	359,903	704,885	53	105	119,175	781	366,570
137	Iron and steel	291	309,729,222	23,030,601	46,149,423	94,760,497	145,788,701	180	5,068	6,184,780	110,864	61,908,405
138	Iron and steel, bolts, nuts, washers, and rivets.	15	3,169,800	480,120	340,005	1,170,296	1,179,379	18	76	96,591	1,948	602,502
139	Iron and steel, forgings	24	2,568,629	239,734	168,118	805,369	1,355,408	27	91	103,250	1,392	777,957
140	Iron and steel, nails and spikes, cut and wrought, including wire nails.	13	2,059,954	121,588	288,400	1,049,928	600,038	8	57	58,489	856	312,026
141	Iron and steel, pipe, wrought	10	11,698,057	886,043	2,314,582	3,966,839	4,530,593	1	121	151,100	3,675	1,678,961
142	Ironwork, architectural and ornamental.	93	7,621,620	851,695	698,288	1,235,141	4,836,496	102	355	330,183	4,085	2,066,160
143	Ivory and bone work	6	89,190	1,000	3,000	24,500	60,690	5	6	7,000	107	39,454
144	Japanning	6	26,680	2,000	8,000	3,870	12,810	7	1	300	23	8,753
145	Jewelry	22	684,952	15,000	5,000	119,098	545,854	28	60	38,987	434	200,793
146	Jewelry and instrument cases	6	54,750			13,300	41,450	8	5	2,560	76	28,928

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
69	$39,688					$10,746	$1,200	$1,638	$7,908		$901,583	$893,130	$8,453	$1,146,807	77
978	441,968	9	$2,013	18	$1,562	76,569	1,784	3,692	71,068	$25	461,576	412,486	49,090	1,212,665	78
388	233,680	234	92,317	8	1,120	57,210	12,946	5,102	39,162		981,064	968,833	12,231	1,828,976	79
395	212,358	788	202,283	7	1,230	531,699	26,581	3,843	441,275	60,000	2,034,841	2,013,351	21,490	3,969,064	80
254	135,361	142	44,309	6	1,069	65,286	24,273	4,939	32,799	3,275	103,314	89,788	13,526	603,241	81
4,013	1,905,718	346	93,706	857	66,328	556,083	68,990	28,293	455,595	3,205	3,174,507	2,823,064	351,443	7,038,012	82
251	117,169	5	1,250	1	125	158,252	1,785	3,272	153,134	61	661,444	638,997	22,447	1,269,246	83
6,600	3,677,780	1,054	294,236	165	30,721	1,647,426	50,943	30,674	1,318,786	247,023	11,372,739	11,220,120	152,619	19,112,665	84
582	323,732	2	500	13	3,211	88,191	30,224	602	25,875	31,490	833,076	828,739	4,337	1,632,931	85
180	82,326	9	2,951	11	1,719	19,122	13,850	155	5,117		60,888	53,098	7,790	259,365	86
74	39,210	1	416			37,556	1,080	519	35,957		63,064	57,356	5,708	209,295	87
63	25,907	32	6,508	6	908	4,806	1,428	352	2,858	168	48,443	44,501	3,942	127,005	88
62	34,326	2	450	4	631	9,197	7,530	11	1,423	233	14,145	12,800	1,345	130,508	89
342	208,797	199	58,466	16	2,224	53,756	19,969	709	32,078	1,000	186,289	181,520	4,769	805,890	90
23	12,808			1	156	7,416	1,878	148	890	4,500	4,155	4,081	74	49,055	91
33	14,930	100	31,841	6	936	14,169	7,720	132	6,317		101,916	99,083	2,833	243,486	92
598	312,357	27	7,405	4	600	200,371	3,215	10,889	186,267		1,500,252	1,467,531	32,721	2,595,180	93
135	51,901	237	46,929	48	6,367	21,920	11,724	307	8,889	1,000	226,976	224,516	2,460	509,190	94
74	29,890	1	600			11,678	1,200	410	10,068		88,715	84,216	4,499	160,633	95
764	351,773			1	100	238,324	15,023	10,414	203,364	9,523	2,584,272	2,529,728	54,544	3,644,320	96
845	374,379	164	46,359	140	24,307	111,768	4,124	4,704	102,666	274	457,756	418,767	38,989	1,236,436	97
6	3,073	19	5,955			1,375	520	191	664		24,694	24,379	315	66,811	98
42	19,165	11	2,840	1	72	22,241	6,743	503	12,945	2,050	153,619	152,741	878	326,475	99
2,180	1,059,307			15	2,562	667,372	171,092	95,731	400,199	350	30,566,466	30,347,301	219,165	36,639,423	100
853	148,355	128	31,410	14	2,380	115,861	13,698	2,676	99,487		985,316	962,471	22,845	1,611,869	101
62,096	33,045,261	130	35,481	602	118,779	6,830,037	385,694	430,572	5,672,375	341,396	62,336,770	60,379,209	1,957,561	127,292,440	102
129	69,579					15,557	1,190	2,359	12,008		399,113	385,664	13,449	684,152	103
211	81,345	206	35,833	51	6,001	58,788	3,527	1,409	53,700	152	499,353	492,338	7,015	801,250	104
87	74,487	166	60,676	7	1,050	65,605	34,623	973	29,759	250	402,009	399,729	2,280	876,435	105
2,043	984,782	714	182,606	133	19,884	351,729	9,536	6,986	315,322	19,885	1,866,866	1,824,251	42,615	4,243,352	106
274	142,586	1,615	455,506	236	40,974	62,110	22,300	891	38,919		1,927,214	1,921,609	5,605	3,171,757	107
1,074	577,547	171	55,428	17	2,608	203,985	93,406	5,768	47,551	57,260	942,485	928,971	13,514	2,704,917	108
6,146	2,689,388	80	16,347	186	26,624	462,206	81,494	21,697	344,657	14,358	4,443,877	4,369,373	74,504	9,804,677	109
19	13,400					710	40	195	475		1,985	1,561	424	22,500	110
331	135,188			7	1,275	23,541	4,656	2,347	16,538		1,330,097	1,287,110	12,987	1,847,611	111
963	487,639	41	9,956	14	3,406	148,592	44,797	3,076	97,219	3,500	869,548	849,731	19,817	1,928,898	112
133	68,159	4	804	5	1,000	15,718	4,063	480	10,155	1,020	200,790	198,301	2,489	351,307	113
3,143	1,506,146	1	120			1,113,998	436,500	50,329	627,169		3,150,655	3,095,008	55,647	7,870,562	114
848	430,476	21	4,250	3	546	46,731	6,465	2,186	37,780	300	680,817	666,534	14,283	1,550,606	115
15,136	9,338,261	1,546	414,250	2,738	534,980	1,867,879	12,465	100,838	1,723,445	31,131	6,435,463	5,013,691	1,421,772	22,011,130	116
739	363,485	161	42,487	44	6,175	56,323	24,434	1,659	29,327	903	449,952	433,070	16,882	1,262,983	117
16	4,800	27	4,959			883	223	40	620		20,737	20,534	203	42,236	118
509	207,737	15	4,405	25	6,500	176,093	133	13,426	162,264	270	1,240,467	1,170,022	70,445	1,699,567	119
137	73,794	44	12,304	8	1,632	4,072	729	1,792	1,551		341,534	339,879	1,655	483,192	120
6	3,956	1	260			3,240	1,884	31	1,325		90,679	90,255	424	114,109	121
27	10,637					2,672	1,371	184	1,117		16,645	13,889	2,756	59,374	122
347	178,606					138,946	9,228	5,652	124,066		1,887,360	1,846,004	41,356	2,501,671	123
16	10,714	81	25,011	1	182	11,665	7,441	864	3,020	340	47,605	46,759	846	148,829	124
		44	8,400			1,600	856	42	178	524	7,650	7,605	45	33,363	125
108	60,997	11	2,200	11	1,886	18,480	8,840	367	9,273		51,883	49,427	2,456	207,628	126
3,466	1,493,762	258	56,097	371	54,503	221,804	11,191	22,368	187,785	460	1,833,381	1,759,827	73,554	4,843,866	127
35	13,096			2	260	1,585	654	74	857		17,426	16,363	1,063	48,955	128
17	8,966	7	1,760	3	624	4,282	2,870	360	1,052		99,586	99,460	126	136,821	129
380	201,869	601	149,919	17	1,888	56,004	25,930	1,099	26,235	2,740	803,741	797,403	6,338	1,682,442	130
3,725	1,599,766	13,739	3,648,805	4,076	577,212	1,884,722	107,905	26,416	1,042,198	708,203	10,928,113	10,750,770	177,343	21,896,063	131
104	36,873	171	49,493	9	1,628	56,664	6,683	1,730	39,401	8,850	433,990	429,430	4,560	660,252	132
930	537,748					290,339	24,474	24,748	241,079	38	392,484	156,929	235,555	2,038,504	133
76	47,427	1	260	1	260	33,477	2,705	1,072	29,700		204,482	199,089	5,393	407,966	134
15	7,704	6	1,624			4,854	2,224	50	2,580		23,262	23,054	208	49,638	135
654	319,108	120	46,394	7	1,068	134,728	18,787	2,143	113,798		479,624	463,174	16,450	1,328,101	136
109,420	61,600,400	308	62,801	1,136	245,204	17,845,789	1,165,741	745,165	15,327,353	607,530	283,142,785	253,605,188	29,537,597	434,445,200	137
1,735	556,235	21	8,750	192	37,517	114,984	6,060	11,704	97,220		2,108,225	2,036,096	72,129	3,502,375	138
1,314	763,550			78	14,407	145,228	7,969	7,003	122,039	8,217	1,945,801	1,842,725	103,076	3,369,543	139
726	285,148	114	24,431	16	2,447	42,061	980	2,740	37,716	625	818,003	784,725	33,278	1,497,715	140
3,625	1,671,443			50	7,518	148,202	25,800	16,480	105,922		11,586,470	11,297,580	288,890	15,383,693	141
4,066	2,061,305			19	4,855	372,541	32,906	21,498	272,987	45,150	6,969,203	6,864,877	104,326	10,434,292	142
92	35,154	12	3,790	3	510	2,416	1,673	55	688		70,537	69,622	915	156,719	143
19	7,973	1	280	3	500	2,686	1,812	45	779		6,649	5,859	790	28,752	144
328	173,446	85	23,881	21	3,466	38,714	13,686	855	22,968	1,705	252,806	248,009	4,797	693,480	145
34	18,941	36	9,073	6	914	4,493	3,085	15	1,393		52,490	51,575	915	109,712	146

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
147	Jute and jute goods	5	$1,611,510	$156,798	$222,550	$238,656	$993,506	4	14	$16,624	$1,116	$272,694
148	Kaolin and other earth grinding	33	1,691,435	108,680	133,714	231,838	1,217,203	35	44	73,272	572	214,590
149	Kindling wood	15	1,102,373	19,675	110,050	643,297	329,351	7	38	34,332	856	292,224
150	Labels and tags	9	88,195	2,000	3,000	47,200	35,995	10	10	9,436	87	18,427
151	Lamps and reflectors	18	580,779	26,350	102,053	171,125	281,251	21	34	46,332	834	176,014
152	Lapidary work	3	3,800			700	3,100	3			4	3,000
153	Lasts	5	100,676	18,000	19,922	21,494	41,260	5	4	4,134	72	36,914
154	Lead, bar, pipe, and sheet	7	1,006,766	128,000	93,000	250,395	535,371	10	36	47,690	141	74,958
155	Leather goods	27	877,231	60,400	44,450	95,821	676,560	42	101	103,894	1,180	365,658
156	Leather, tanned, curried, and finished	254	57,320,227	8,816,195	7,730,782	3,782,119	36,991,131	260	506	643,895	13,396	5,457,518
157	Lime and cement	251	15,567,849	1,988,300	2,926,305	6,516,068	4,137,176	262	203	203,594	4,559	1,783,718
158	Liquors, distilled	73	5,840,034	387,340	1,322,203	598,454	3,532,037	99	97	123.389	471	250,348
159	Liquors, malt	208	63,684,480	6,270,152	17,290,687	12,476,071	27,647,570	171	816	1,474,092	4,505	2,884,242
160	Liquors, vinous	3	130,631	2,700	16,700	2,231	109,000	3			7	1,700
161	Lithographing and engraving	27	1,248,118	41,500	55,500	740,237	410,881	34	61	73,884	747	330,223
162	Lock and gun smithing	197	436,909	99,570	85,027	98,149	154,163	215	9	5,222	311	141,539
163	Looking-glass and picture frames	184	737,579	24,912	28,750	81,028	602,889	221	110	69,036	596	253,482
164	Lumber and timber products	2,338	47,832,548	19,339,297	1,862,845	7,998,310	18,632,096	3,078	506	429,044	13,510	5,550,163
165	Lumber, planing mill products, including sash, doors, and blinds.	542	14,191,248	1,778,264	1,816,084	2,378,087	8,218,813	765	527	450,697	7,472	3,516,550
166	Malt	8	804,877	99,000	142,000	44,224	519,653	8	15	26,200	55	29,380
167	Mantels, slate, marble, and marbleized	6	65,373	4,700	8,800	3,235	48,638	5	12	9,570	40	23,220
168	Marble and stone work	339	8,065,083	1,375,372	354,718	1,025,774	5,309,219	444	246	261,475	6,654	3,012,062
169	Masonry, brick and stone	608	8,385,592	837,450	937,221	765,544	5,845,377	785	293	282,732	11,355	6,063,076
170	Matches	5	109,905	5,350	24,185	50,052	30,318	2	6	6,088	90	29,854
171	Mattresses and spring beds	78	986,421	69,150	122,853	123,664	670,754	90	93	69,370	791	301,202
172	Millinery and lace goods	41	670,499	97,000	48,500	81,804	443,195	50	75	57,053	946	305,195
173	Millinery, custom work	1,344	3,264,454	489,990	567,442	99,575	2,107,447	1,544	446	153,662	2,913	820,005
174	Mineral and soda waters	233	1,966,872	128,930	214,786	553,066	1,070,090	296	163	87,102	746	289,331
175	Mirrors	15	353,184	17,200	37,038	69,845	229,101	16	36	34,895	360	141,937
176	Models and patterns	67	397,946	10,300	22,575	118,439	246,632	86	14	14,220	397	246,666
177	Monuments and tombstones	390	1,712,125	328,398	194,286	169,044	1,020,397	474	44	27,524	923	552,760
178	Mucilage and paste	16	277,955		2,500	36,007	239,448	19	37	37,079	92	27,371
179	Musical instruments and materials, not specified.	20	438,746	25,700	49,400	63,977	299,669	27	14	8,030	152	77,000
180	Musical instruments, organs and materials.	17	526,281	25,423	72,180	38,062	390,616	23	19	31,235	274	149,738
181	Musical instruments, pianos and materials.	14	863,099	67,100	121,200	72,436	602,363	13	45	60,061	433	265,267
182	Needles and pins	4	15,665	250	1,150	8,500	5,765	6	1	720	18	7,976
183	Oil, linseed	4	879,628	75,600	141,740	168,944	493,344	2	36	30,038	111	59,914
184	Oil, not elsewhere specified	32	3,921,835	162,690	130,147	280,020	3,348,978	25	168	299,416	174	103,375
185	Optical goods	66	795,958	106,000	65,000	273,919	351,039	80	94	60,908	573	198,033
186	Painting, house, sign, etc	1,512	2,550,393	320,435	374,345	296,969	1,558,644	1,712	133	93,263	5,278	2,923,349
187	Paints	66	10,263,515	1,501,877	1,333,868	2,767,768	4,660,002	47	405	453,024	1,649	736,111
188	Paper and wood pulp	73	16,424,107	925,950	2,752,790	7,289,030	5,456,337	74	281	385,478	4,840	1,989,128
189	Paper goods, not elsewhere specified	15	572,866	63,000	73,749	65,950	370,167	16	28	30,475	283	106,056
190	Paper hanging	389	1,328,273	135,390	242,264	186,387	764,232	428	94	73,677	1,228	698,109
191	Paper hangings	13	2,194,106	72,834	222,668	812,526	1,086,078	8	96	183,658	921	432,109
192	Patent medicines and compounds	151	2,905,368	145,525	192,141	323,352	2,244,350	160	354	265,341	936	360,931
193	Paving and paving materials	188	4,275,018	297,729	506,848	671,867	2,798,574	206	174	156,797	4,719	2,147,380
194	Perfumery and cosmetics	26	327,341	17.000	13,250	23,620	273,471	33	60	52,437	191	54,373
195	Petroleum, refining	38	26,580,504	1,188,955	1,609,855	9,865,515	13,916,179	40	277	403,466	3,299	1,681,603
196	Photographic materials	14	229,605	11,400	19,500	57,700	141,005	15	24	23,276	129	53,224
197	Photography	576	1,379,604	107,647	152,485	589,243	530,229	637	129	79,936	873	363,154
198	Photolithographing and photoengraving.	17	295,250	15,000	31,000	147,100	102,150	22	43	35,479	270	169,460
199	Pickles, preserves, and sauces	40	2,981,813	226,522	559,617	209,471	1,986,203	54	762	704,652	1,730	514,591
200	Pipes, tobacco	6	150,363	10,000	13,000	34,175	93,188	7	4	3,754	229	99,077
201	Plastering and stuccowork	207	862,864	54,300	69,360	197,587	541,617	253	19	13,230	868	496,073
202	Plated and britannia ware	4	67,319	20,000	5,000	24,034	18,285	4	3	2,440	48	19,318
203	Plumbers' supplies	21	3,457,043	354,800	557,157	579,952	1,965,134	19	183	200,145	1,588	854,669
204	Plumbing, and gas and steam fitting	1,552	6,092,993	631,717	907,303	666,393	3,887,580	1,854	375	244,340	5,688	3,173,035
205	Pocketbooks	6	101,550			6,864	94,686	10	10	8,810	113	34,318
206	Pottery, terra cotta, and fire-clay products.	143	11,308,786	2,080,698	3,570,302	1,386,793	4,270,993	172	468	450,905	8,872	3,007,354
207	Printing and publishing, book and job	740	14,226,342	520,071	808,694	6,143,792	6,753,785	866	990	886,971	7,190	3,357,306
208	Printing and publishing, music	13	489,288	25,000	20,000	183,142	261,146	20	38	47,840	236	94,442
209	Printing and publishing, newspapers and periodicals.	1,042	23,952,145	2,366,820	3,297,929	9,333,799	8,953,597	1,169	3,028	2,812,873	9,565	5,094,769
210	Printing materials	10	46,736			17,998	28,738	11	5	1,845	35	12,830
211	Pumps, not including steam pumps	17	113,034	33,850	34,950	14,770	29,464	21	4	3,784	27	12,964
212	Refrigerators	5	245,388	46,000	58,000	37,588	103,800	5	6	4,700	177	94,500
213	Regalia and society banners and emblems.	18	189,308	12,300	12,950	49,382	114,676	22	20	12,128	146	59,604
214	Roofing and roofing materials	455	4,829,223	1,329,709	453,176	948,658	2,097,680	571	249	177,213	4,713	2,021,593
215	Rubber and elastic goods	11	924,106	42,700	92,919	272,721	515,766	14	30	43,836	599	275,699
216	Saddlery and harness	1,039	2,678,839	275,444	431,797	258,207	1,713,391	1,098	79	57,333	1,477	633,382
217	Safes and vaults	6	753,307	22,000	89,406	199,280	442,621	3	52	55,424	370	163,669
218	Sand and emery paper and cloth	3	324,314		8,000	21,000	295,314	1	17	40,216	75	43,558
219	Sausage	20	87,825	18,800	23,900	16,680	28,445	25	1	1,000	54	24,972
220	Saws	12	4,602,089	326,051	462,234	663,619	3,150,185	15	87	93,299	1,411	734,612
221	Scales and balances	8	394,497	9,000	20,000	112,278	253,219	10	21	25,532	213	122,135

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
370	$138,647	453	$92,609	293	$41,438	$63,030	$300	$1,711	$38,622	$22,397	$775,641	$767,938	$7,703	$1,318,167	147
572	214,590					57,076	15,562	2,956	36,441	2,117	273,639	242,729	30,910	714,843	148
631	227,502	188	61,692	17	3,030	35,245	915	2,643	19,894	11,793	296,561	292,578	3,983	821,105	149
24	10,720	53	6,590	10	1,117	5,295	3,106	80	1,859	250	52,320	51,445	875	100,753	150
305	168,112	7	2,249	22	5,653	43,837	8,070	1,873	33,894		185,068	177,939	7,129	583,025	151
4	3,000					338	312		26		1,101	1,020	81	8,500	152
67	35,659	2	720	3	535	5,130	1,616	494	3,020		20,273	18,567	1,706	87,330	153
141	74,958					49,288	14,099	3,376	31,813		1,331,962	1,322,074	9,888	1,567,091	154
533	253,331	536	99,404	111	12,923	106,384	21,476	1,968	80,490	2,450	821,776	818,273	3,503	1,830,672	155
12,839	5,311,200	287	84,078	270	62,240	2,432,724	47,955	136,805	2,244,026	3,938	42,403,503	42,182,568	220,935	55,615,009	156
4,499	1,772,038			60	11,680	504,297	38,071	24,071	370,533	71,622	2,363,212	1,499,645	863,567	6,790,392	157
431	243,788	37	6,265	3	295	2,665,583	36,420	39,658	2,589,108	397	1,568,569	1,492,459	76,110	5,357,615	158
4,490	2,881,215	6	1,346	9	1,681	13,039,371	52,307	335,263	12,651,551	250	6,609,889	6,085,932	523,957	29,162,743	159
7	1,700					961	25	368	456	112	29,446	29,446		53,800	160
615	294,385	103	31,310	29	4,528	110,668	23,355	1,644	64,929	20,740	359,638	349,142	10,496	1,099,078	161
270	134,450	3	1,346	38	5,743	33,307	21,925	2,798	7,514	1,070	150,061	141,958	8,103	529,530	162
503	233,168	49	12,797	44	7,517	94,528	60,646	1,472	26,625	5,785	674,849	668,215	6,634	1,436,655	163
13,337	5,521,469	42	7,756	131	20,938	930,687	44,783	207,053	666,336	12,515	20,777,869	20,770,826	7,043	35,749,965	164
7,297	3,482,416	66	18,355	109	15,779	698,316	89,371	50,499	386,500	171,946	9,441,629	9,319,813	121,816	16,736,839	165
55	29,380					13,700	5,200	2,376	6,124		331,571	324,906	6,665	452,765	166
40	23,220					3,937	1,530	224	2,183		62,914	62,852	62	141,017	167
6,639	3,009,524	1	495	14	2,043	488,136	49,184	32,328	195,079	211,545	2,535,869	2,471,481	64,388	7,699,255	168
11,349	6,061,734			6	1,342	2,909,404	47,525	37,017	230,150	2,594,712	10,598,180	10,570,316	27,864	23,768,787	169
40	19,774	40	8,496	10	1,584	1,530	65	109	1,356		45,839	44,461	1,378	82,866	170
574	236,988	205	61,874	12	2,340	96,410	32,595	2,403	61,400	12	1,148,205	1,140,375	7,830	1,888,577	171
113	61,107	810	241,403	23	2,685	83,269	32,673	2,650	47,946		792,429	786,314	6,115	1,564,008	172
20	13,618	2,848	800,154	45	6,233	391,659	268,838	15,744	106,057	1,020	3,276,413	3,252,686	23,727	6,178,960	173
549	239,175	170	46,845	27	3,811	284,144	24,392	6,211	253,291	250	1,070,576	1,000,037	70,539	2,334,986	174
266	122,767	81	16,661	13	2,509	33,875	5,165	1,269	27,441		508,665	503,554	5,111	831,116	175
389	245,423	3	658	5	585	27,947	17,431	650	9,616	250	137,607	129,552	8,055	579,557	176
921	552,421			2	339	91,113	22,259	7,373	34,144	27,337	1,088,924	1,078,880	10,044	2,363,955	177
55	21,035	34	5,870	3	466	34,756	6,800	287	27,669		370,203	367,350	2,853	551,074	178
146	75,897	6	1,103			16,335	1,679	654	13,221	781	61,409	59,127	2,282	221,064	179
266	147,010	6	2,270	2	458	38,343	2,889	664	32,774	2,016	210,879	205,926	4,953	509,802	180
420	263,067			13	2,200	63,197	6,682	1,823	54,692		402,349	387,983	14,366	978,331	181
11	6,474	2	572	5	930	781	474	20	287		2,029	1,609	420	22,100	182
111	59,914					23,966		2,831	21,135		1,423,342	1,412,125	11,217	1,551,153	183
169	102,427	2	448	3	500	1,490,522	4,477	3,783	1,482,262		1,997,743	1,970,712	27,031	5,836,300	184
231	126,448	309	66,002	33	5,583	76,800	38,710	2,243	34,722	1,125	390,071	382,751	7,320	1,007,443	185
5,231	2,913,899	3	886	44	8,564	235,885	125,133	10,752	73,280	26,720	2,037,805	2,027,799	10,006	7,317,863	186
1,557	711,635	87	23,512	5	964	511,533	26,541	23,298	408,839	52,855	5,203,343	5,060,009	143,334	9,137,970	187
4,033	1,809,391	756	170,721	51	9,016	1,090,321	22,010	64,069	973,712	30,530	6,374,315	5,746,949	627,366	12,267,900	188
176	79,793	106	26,113	1	150	20,548	9,274	1,503	9,271	500	549,583	545,144	4,439	950,261	189
1,192	692,709	21	3,271	15	2,129	135,117	50,872	4,264	74,048	5,933	725,628	720,814	4,814	2,260,915	190
608	363,558	127	36,910	186	31,641	252,094	36,707	5,678	209,709		1,847,719	1,823,417	24,302	2,893,637	191
454	239,048	469	119,997	13	1,886	1,050,749	54,869	6,573	988,495	812	1,456,916	1,438,479	18,437	4,363,534	192
4,709	2,145,439			10	1,941	528,400	35,385	8,801	469,342	14,872	2,725,507	2,679,270	46,237	6,719,876	193
42	19,261	135	33,174	14	1,938	98,821	15,966	827	82,028		283,367	281,625	1,742	611,966	194
3,142	1,660,397	1	505	156	20,701	640,429	2,027	42,530	588,608	7,264	27,513,735	26,787,453	726,282	34,977,706	195
88	41,598	35	10,708	6	918	28,009	8,956	511	18,542		147,226	144,509	2,717	339,232	196
486	253,188	349	103,986	38	5,980	218,747	144,921	4,199	62,254	7,373	586,820	575,516	11,304	1,984,225	197
245	163,593	14	4,189	11	1,678	37,911	9,348	519	23,861	4,183	58,805	52,870	5,935	379,314	198
955	370,296	760	142,395	15	1,900	1,172,444	10,822	10,944	1,150,678		2,428,255	2,401,609	26,646	5,239,807	199
195	91,047	19	5,340	15	2,690	8,217	1,380	417	6,420		107,131	104,778	2,353	234,715	200
863	495,360			5	713	59,025	11,961	1,986	14,874	30,204	509,600	505,919	3,681	1,389,280	201
35	14,897	12	4,265	1	156	2,800	1,560	312	928		18,187	17,362	825	55,810	202
1,540	843,809	27	6,918	21	3,942	133,968	13,792	10,879	108,572	725	1,676,012	1,612,253	63,759	3,156,248	203
5,617	3,160,680	3	845	68	11,510	439,668	207,658	23,594	160,564	47,852	6,536,858	6,488,602	48,256	13,439,596	204
57	21,921	45	10,872	11	1,525	13,910	5,176		8,734		65,167	64,720	447	152,464	205
8,120	2,885,794	409	60,173	343	61,387	402,589	17,551	43,253	321,803	19,982	2,451,980	1,905,192	546,788	8,127,429	206
5,114	2,820,590	1,650	471,755	426	64,961	1,841,852	327,986	21,391	637,544	854,931	3,873,618	3,754,941	118,677	12,833,204	207
166	77,936	67	15,944	3	562	47,045	13,552	592	17,843	15,058	108,792	106,509	2,283	373,345	208
7,841	4,677,768	1,125	345,945	599	71,056	3,621,281	388,907	79,411	2,201,433	951,530	5,969,788	5,765,176	204,612	23,249,080	209
20	9,906	13	2,630	2	294	5,375	3,643	20	1,712		23,598	22,859	739	64,519	210
25	12,764			2	200	6,678	408	824	5,251	195	44,134	43,563	571	93,513	211
177	94,500					16,278	3,516	1,842	10,920		80,540	78,900	1,640	263,967	212
31	20,390	108	37,969	7	1,245	17,775	5,185	379	9,938	2,273	93,616	92,371	1,245	248,455	213
4,593	2,000,701	5	1,310	115	19,582	414,522	218,758	15,301	163,276	17,187	2,304,522	2,215,588	88,934	6,100,013	214
432	230,704	124	35,717	43	9,278	31,590	1,863	1,456	28,151	120	740,976	732,107	8,869	1,170,889	215
1,304	601,157	122	24,798	51	7,427	164,586	99,880	9,339	53,096	2,271	1,495,732	1,476,682	19,050	3,353,793	216
367	163,230	1	175	2	264	61,312	3,170	1,034	17,108	40,000	230,252	222,411	7,841	720,665	217
66	41,920	8	1,456	1	182	18,576	3,830	755	13,991		168,485	165,241	3,244	315,000	218
48	23,572	6	1,400			2,633	1,221	643	769		204,048	201,630	2,418	298,618	219
1,239	695,737	46	12,250	126	26,625	75,926	1,771	3,577	70,578		996,465	965,390	31,075	2,499,611	220
213	122,135					21,364	3,876	314	16,674	500	144,227	140,640	3,587	357,604	221

TABLE 7.—MANUFACTURES BY

	Manufacturing and mechanical industries.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
222	Sewing machine repairing	32	$29,034	$2,950	$900	$10,799	$14,385	31	1	$1,040	33	$15,992
223	Sewing machines and attachments	4	506,452	100,750	118,450	205,804	81,448	1	15	10,708	160	80,908
224	Ship and boat building, wooden	35	283,401	58,550	59,450	44,790	120,611	41	13	8,680	257	119,719
225	Shipbuilding, iron and steel	3	13,858,081	2,505,514	4,551,982	2,042,882	4,757,703	------	148	245,221	6,820	3,425,226
226	Shirts	164	3,050,840	92,365	180,223	452,436	2,325,816	228	347	289,452	6,888	1,719,307
227	Shoddy	26	972,070	83,650	145,600	254,181	488,639	19	34	24,746	368	148,240
228	Show cases	5	90,542	13,328	21,192	11,022	45,000	8	3	1,690	73	41,300
229	Silk and silk goods	121	20,894,023	491,598	3,688,545	6,696,158	10,017,722	131	745	718,776	21,028	4,629,626
230	Silverware	4	165,600	32,000	10,000	65,000	58,600	7	10	6,412	55	38,736
231	Slaughtering and meat packing, wholesale.	68	6,009,347	700,563	1,291,502	675,700	3,341,582	101	349	289,165	1,383	733,932
232	Slaughtering, wholesale, not including meat packing.	43	539,230	64,300	149,700	52,984	272,246	57	27	27,988	286	186,258
233	Smelting and refining, not from the ore	16	864,072	66,500	101,800	81,426	614,346	18	72	49,996	213	109,827
234	Soap and candles	60	2,984,308	209,800	382,297	400,657	1,991,554	78	166	152,936	811	296,169
235	Soda water apparatus	3	589,867	------	------	34,464	555,403	5	35	60,960	165	78,204
236	Sporting goods	13	282,685	9,300	55,100	41,020	177,265	16	16	24,894	376	124,638
237	Springs, steel, car and carriage	8	2,668,841	184,943	182,860	400,504	1,900,534	12	56	132,822	523	328,579
238	Stamped ware	13	2,299,712	31,800	130,300	1,025,764	1,111,848	7	95	111,769	1,238	518,695
239	Stationery goods, not elsewhere specified.	13	485,430	3,300	5,900	181,141	295,089	13	17	16,910	416	122,786
240	Steam fittings and heating apparatus	87	1,780,279	122,900	194,204	336,008	1,127,167	26	145	164,473	992	479,652
241	Steam packing	22	1,822,886	48,000	207,562	645,325	921,999	31	156	184,246	655	277,658
242	Stencils and brands	8	23,875	6,500	2,500	10,650	4,225	12	------	------	10	4,296
243	Stereotyping and electrotyping	19	336,825	------	------	164,934	171,891	28	39	34,462	328	177,674
244	Sugar and molasses, refining	7	23,992,552	2,750,000	2,050,000	2,649,719	16,542,833	15	119	185,078	1,249	647,592
245	Surgical appliances	29	576,849	34,800	86,050	135,685	320,314	30	46	49,467	267	133,436
246	Taxidermy	10	18,885	7,150	3,000	745	7,990	10	------	------	5	1,612
247	Tin and terne plate	25	3,027,029	233,500	267,947	915,349	1,610,233	11	189	147,202	1,578	813,692
248	Tinsmithing, coppersmithing, and sheet-iron working.	1,338	6,215,346	704,136	1,037,761	1,176,587	3,296,862	1,578	348	260,383	4,679	2,296,044
249	Tobacco, chewing, smoking, and snuff	20	1,765,539	181,097	345,063	223,357	1,016,022	26	35	40,065	257	102,395
250	Tobacco, cigars and cigarettes	2,664	13,836,368	818,457	1,781,604	740,389	10,495,918	2,928	886	819,995	25,045	8,404,687
251	Tobacco, stemming and rehandling	28	616,494	7,140	54,000	4,284	551,070	34	5	8,222	181	38,666
252	Tools, not elsewhere specified	51	2,173,318	188,850	253,975	528,609	1,201,884	60	96	123,518	1,122	600,202
253	Toys and games	18	476,285	36,400	119,125	113,675	207,085	18	21	31,525	458	145,489
254	Trunks and valises	40	410,550	12,350	33,500	37,290	327,410	59	28	19,882	308	139,571
255	Typewriter repairing	3	1,530	------	------	750	780	4	------	------	2	1,326
256	Typewriters and supplies	4	416,075	5,000	20,000	86,746	304,329	4	74	67,974	328	178,947
257	Umbrellas and canes	47	1,898,856	57,750	83,147	277,644	1,480,315	73	184	198,889	2,332	884,540
258	Upholstering materials	30	2,696,332	173,200	358,775	453,888	1,710,469	48	77	92,784	1,321	440,293
259	Varnish	27	1,816,431	198,435	183,138	170,350	1,264,508	17	120	172,216	167	119,428
260	Vinegar and cider	145	376,011	42,650	71,565	168,965	92,831	161	19	10,836	119	49,563
261	Washing machines and clothes wringers.	14	494,434	25,345	78,413	81,810	308,866	16	15	32,332	353	113,757
262	Watch, clock, and jewelry repairing	1,187	1,561,602	192,663	261,610	435,749	671,580	1,260	28	12,064	921	497,239
263	Wheelbarrows	3	125,302	6,200	5,400	89,460	24,242	5	4	2,603	22	9,063
264	Whips	5	159,765	500	19,500	18,401	121,364	4	9	9,420	112	37,774
265	Window shades	23	310,018	45,700	45,600	24,515	194,203	25	30	22,928	147	61,957
266	Wire	9	762,482	98,090	161,485	255,942	246,965	6	23	26,756	274	122,422
267	Wirework, including wire rope and cable.	61	2,813,277	118,472	311,511	919,125	1,464,169	67	77	83,492	941	382,576
268	Wood, turned and carved	126	1,250,436	103,770	189,665	372,208	584,793	153	67	46,541	1,286	471,818
269	Woodenware, not elsewhere specified	21	315,634	26,862	27,820	91,214	169,738	28	26	18,549	321	115,577
270	Wool hats	13	750,798	44,500	60,500	75,375	570,423	31	17	8,845	634	255,313
271	Wool pulling	7	222,690	20,000	31,700	17,550	153,440	9	4	2,192	85	44,393
272	Woolen goods	193	19,405,505	1,051,999	2,576,460	5,612,433	10,164,613	231	353	399,570	13,721	5,091,932
273	Worsted goods	51	19,396,558	417,832	1,609,471	5,035,186	12,334,069	35	188	277,081	10,201	3,337,491
274	Zinc, smelting and refining	3	1,871,626	59,000	1,150,000	190,000	472,626	------	9	13,669	448	174,510
275	All other industries[1]	62	13,146,231	796,011	1,515,457	2,413,716	8,421,047	51	365	476,297	5,704	2,758,188

[1] Embraces axle grease, 1; belting and hose, linen, 1; belting and hose, rubber, 1; boots and shoes, rubber, 2; brass, 1; cardboard, 1; cars, street railroad, not including operations of railroad companies, 1; clocks, 2; drug grinding, 2; engravers' materials, 2; firearms, 2; fire extinguishers, chemical, 2; fireworks, 2; fish, canning and preserving, 1; grindstones, 1; hammocks, 1; hones and whetstones, 1; hooks and eyes, 2; horseshoes, factory product, 1; mats and matting, 2;

TABLE 8.—MANUFACTURES IN CITIES

ALLEGHENY.

1	All industries	893	$50,122,503	$5,598,172	$6,295,361	$6,783,766	$31,445,204	1,040	2,027	$2,098,121	20,804	$10,352,502
2	Baskets, and rattan and willow ware	3	14,964	------	------	735	14,229	5	1	780	25	11,903
3	Bicycle and tricycle repairing	6	7,290	------	3,000	965	3,325	7	------	------	3	1,755
4	Blacksmithing and wheelwrighting	42	79,675	9,150	14,000	11,447	45,078	53	3	2,050	70	41,774
5	Boots and shoes, custom work and repairing.	63	24,903	2,250	4,500	3,647	14,506	64	------	------	10	3,329
6	Bottling	13	104,530	11,700	32,300	14,360	46,170	15	5	2,136	46	27,412

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
29	$14,532	4	$1,460			$5,990	$5,043	$65	$882		$19,061	$18,180	$881	$61,578	222
157	79,348	3	1,560			21,237	1,020	1,803	18,414		96,308	93,211	3,097	210,146	223
252	118,619	1	250	4	$850	38,628	3,223	2,251	3,537	$29,617	176,498	174,126	2,372	407,763	224
6,347	3,323,216			473	102,010	591,535	2,500	23,925	286,774	278,336	6,996,703	6,903,441	93,262	14,085,395	225
780	378,176	5,718	1,288,328	390	52,803	371,943	94,098	3,749	128,158	145,938	3,248,666	3,209,772	38,894	6,836,928	226
285	126,604	80	21,064	3	572	57,728	11,023	3,513	40,667	2,525	1,069,944	1,052,210	17,734	1,448,886	227
73	41,300					6,893	4,256	521	2,116		38,850	37,460	1,390	123,798	228
5,214	1,718,587	11,565	2,363,123	4,249	547,916	2,451,820	96,547	36,330	610,872	1,708,071	19,884,869	19,710,481	174,388	31,072,926	229
54	38,586			1	150	3,810	1,110	737	1,963		53,033	52,083	950	178,550	230
1,364	728,961	12	3,395	7	1,576	372,368	34,842	26,167	309,074	2,285	15,128,096	15,049,815	78,281	17,826,697	231
282	185,506	1	500	3	252	154,604	96,523	3,234	54,847		6,473,714	6,459,644	14,070	7,412,075	232
212	109,491			1	336	60,790	4,541	2,109	51,820	2,320	2,063,613	2,041,818	21,795	2,519,724	233
530	239,365	234	49,584	47	7,220	482,521	16,518	7,717	458,286		2,093,138	2,064,901	28,237	3,613,249	234
163	77,684	2	520			52,409	9,220	1,574	41,615		181,600	179,803	1,797	454,102	235
178	76,816	176	44,384	22	3,438	9,801	3,289	666	5,846		206,963	204,980	1,983	502,497	236
523	328,579					180,482	13,686	6,186	160,610		1,359,690	1,304,888	54,802	2,535,383	237
951	392,422	260	120,889	27	5,384	74,576	10,904	5,240	57,582	850	1,189,411	1,036,197	153,214	2,274,348	238
232	82,828	141	35,390	43	4,568	69,374	9,055	50	60,169	100	341,424	338,391	3,033	631,534	239
962	472,073	15	4,056	15	3,523	141,281	20,606	4,962	115,713		1,001,024	982,461	18,563	2,143,907	240
564	256,707	81	19,391	10	1,560	146,544	13,664	2,348	122,862	7,670	830,378	805,436	24,942	1,853,481	241
10	4,296					1,770	1,422	166	182		5,762	5,700	62	31,217	242
307	173,358	1	500	20	3,816	31,203	15,796	26	14,571	810	144,772	136,398	8,374	517,369	243
1,171	635,231	60	8,911	18	3,450	604,871	11,600	25,693	564,578	3,000	33,658,440	33,414,459	243,981	36,163,817	244
166	104,665	92	27,359	9	1,412	58,183	9,690	1,788	33,705	13,000	182,068	178,918	3,150	575,383	245
5	1,612					1,323	932	130	261		5,234	5,203	31	17,010	246
1,284	736,818	288	75,760	6	1,114	82,169	1,175	11,202	69,792		10,364,084	10,323,583	40,501	12,530,991	247
4,454	2,250,145	79	19,921	146	25,978	451,607	162,718	25,795	237,673	25,421	4,366,702	4,313,213	53,489	9,455,832	248
107	58,208	148	43,918	2	269	451,243	2,051	5,772	443,420		423,245	419,155	4,090	1,247,397	249
13,660	5,605,101	10,085	2,631,713	1,300	167,873	6,448,701	228,844	34,963	6,181,967	2,927	11,570,888	11,505,930	64,958	31,483,141	250
94	24,141	60	12,085	27	2,440	11,742	1,295	638	9,809		502,733	502,204	529	625,394	251
1,084	591,953	13	2,500	25	5,749	68,627	15,142	9,527	43,908	50	1,061,493	1,005,212	56,281	2,528,777	252
249	105,744	80	21,805	129	17,940	37,623	2,456	1,227	32,230	1,710	152,530	148,176	4,354	435,225	253
277	131,813	20	5,831	11	1,927	51,056	18,381	675	25,500	6,500	274,194	272,340	1,854	622,698	254
2	1,326					413	388		25		2,312	2,265	47	7,265	255
326	178,647	2	300			50,172	5,915	951	43,306		75,417	74,120	1,297	443,069	256
1,002	430,459	1,610	414,550	220	39,531	258,589	42,465	2,747	213,302	75	3,445,131	3,423,800	21,331	5,873,878	257
481	221,732	762	205,973	78	12,588	138,554	18,440	6,415	109,755	3,944	1,828,380	1,807,040	21,340	2,881,818	258
165	119,088	1	240	1	100	201,497	4,054	5,474	134,477	57,492	1,391,371	1,381,497	9,874	2,161,495	259
118	49,394			1	169	14,805	3,485	1,311	10,009		268,805	260,036	8,769	490,877	260
295	104,521			58	9,236	20,278	802	822	17,504	1,150	437,161	433,556	3,605	634,443	261
845	483,264	19	5,942	57	8,033	209,434	137,515	7,429	40,676	23,814	474,052	459,606	14,446	2,134,421	262
22	9,063					855	125	176	554		35,533	35,263	270	60,445	263
85	32,136	15	3,390	12	2,248	22,290	1,092	65	21,133		60,828	60,180	648	141,175	264
126	54,977	18	6,414	3	566	18,622	4,094	1,588	12,790	200	190,551	189,333	1,218	375,066	265
246	117,512	13	2,250	15	2,660	8,003	1,050	1,422	5,531		378,452	360,480	17,972	607,415	266
754	341,947	136	35,006	51	5,623	90,809	10,137	5,321	74,576	775	1,441,911	1,421,245	20,666	2,280,474	267
1,141	446,005	77	15,358	68	10,455	58,575	15,412	3,380	38,508	1,275	590,994	577,389	13,605	1,467,600	268
225	98,067	65	13,388	31	4,122	28,868	5,846	650	22,372		166,166	163,402	2,764	409,378	269
366	178,238	195	66,932	73	10,143	19,501	4,700	2,316	12,485		663,468	648,719	14,749	1,106,076	270
85	44,393					7,328	2,580	840	3,908		9,231	6,321	2,910	96,314	271
7,588	3,305,619	4,967	1,575,655	1,166	210,658	1,444,778	117,422	43,379	1,014,310	269,667	15,874,544	15,595,418	279,126	25,389,344	272
3,776	1,708,640	4,596	1,309,610	1,829	319,241	1,686,689	116,023	20,749	1,133,745	416,172	14,737,134	14,553,128	184,006	22,109,392	273
448	174,510					4,869		1,935	2,934		896,192	829,601	66,591	1,521,307	274
4,276	2,373,245	1,167	338,982	261	45,961	701,834	43,333	15,734	630,452	12,815	7,515,710	7,355,803	159,907	13,057,452	275

millstones, 1; nets and seines, 1; oil, essential, 2; oil, lard, 1; oilcloth, enameled, 1; oilcloth, floor, 2; oleomargarine, 1; pens, fountain and stylographic, 2; pens, steel, 1; phonographs and graphophones, 2; photographic apparatus, 2; salt, 1; screws, machine, 2; silversmithing, 2; starch, 1; tinfoil, 2; type founding, 2; vault lights and ventilators, 1; watch and clock materials, 1; watch cases, 2; watches, 1; wood, preserving, 1; wool scouring, 1.

BY SPECIFIED INDUSTRIES: 1900.

ALLEGHENY.

17,820	$9,753,687	2,467	$498,848	517	$99,967	$5,120,269	$204,342	$179,698	$3,781,492	$954,737	$29,478,781	$28,516,193	$962,588	$54,136,967	1
24	11,435	1	468			1,297	1,114	46	137		15,228	15,196	32	36,884	2
3	1,755					991	731	38	222		3,359	3,267	92	11,619	3
70	41,774					8,321	5,896	954	1,156	315	35,496	33,907	1,589	150,253	4
9	3,225			1	104	5,068	4,304	261	503		15,658	15,049	609	55,991	5
45	26,892	1	520			11,347	2,500	3,548	5,299		147,320	146,322	998	254,020	6

TABLE 8.—MANUFACTURES IN CITIES

ALLEGHENY—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
7	Boxes, wooden packing	3	$24,043	$12,000	$5,000	$3,548	$3,495	3	2	$498	10	$3,719
8	Bread and other bakery products	42	342,431	76,800	119,025	60,071	86,535	44	35	23,159	207	85,499
9	Brooms and brushes	4	76,540	950	925	5,798	68,867	4	3	3,200	46	14,805
10	Carpentering	52	490,505	52,000	48,175	49,044	341,286	66	19	16,311	503	321,141
11	Carriages and wagons	19	142,977	41,600	30,250	20,259	50,868	26	1	700	70	42,427
12	Cars and general shop construction and repairs by steam railroad companies.	4	1,213,619	770,000	129,300	92,702	221,617		68	57,716	1,202	701,331
13	Clothing, men's, custom work and repairing.	50	168,723	4,900	42,400	6,842	114,581	59	3	1,378	203	102,700
14	Clothing, women's, dressmaking	46	67,709	2,500	2,500	7,611	55,098	54	14	18,480	172	55,421
15	Confectionery	11	270,150	25,000	71,000	37,300	136,850	17	27	23,708	238	75,130
16	Dyeing and cleaning	3	25,460	4,000	6,000	5,140	10,320	3	3	1,194	33	15,385
17	Foundry and machine shop products	35	6,557,760	730,458	871,533	1,834,137	3,121,632	34	231	211,180	2,935	1,670,132
18	Furniture, cabinetmaking, repairing, and upholstering.	9	12,020			1,768	10,252	9	2	200	11	4,430
19	Furniture, factory product	3	32,547		5,500	1,150	25,897	7	3	2,247	39	21,823
20	Glass, cutting, staining, and ornamenting.	3	11,885			2,115	9,770	4	1	800	15	9,348
21	Hardware	3	356,025	20,000	50,000	52,000	234,025	4	8	13,500	251	63,516
22	Ice, manufactured	4	546,500	123,000	83,500	320,000	20,000	5	8	10,200	70	43,773
23	Iron and steel	6	3,382,800	423,045	418,043	868,194	1,673,518		83	108,186	2,322	1,413,491
24	Ironwork, architectural and ornamental.	4	122,950	35,100	17,500	29,538	40,812	5	7	3,972	99	42,941
25	Leather, tanned, curried, and finished	9	2,189,995	217,717	320,195	181,279	1,470,804	8	33	51,609	430	185,940
26	Liquors, malt	4	3,412,689	472,888	519,171	582,759	1,837,871		30	48,458	150	91,980
27	Lock and gun smithing	6	4,740		1,000	2,055	1,685	6			1	156
28	Looking-glass and picture frames	5	74,258	2,000	3,000	1,140	68,118	8	11	7,000	47	13,073
29	Lumber, planing mill products, including sash, doors, and blinds.	9	272,117	39,000	34,900	52,967	145,250	17	7	6,117	143	86,483
30	Marble and stone work	5	335,174	101,500	17,586	49,260	166,828	5	15	18,865	354	143,694
31	Masonry, brick and stone	24	544,628	72,850	20,968	46,290	404,520	36	20	45,514	1,017	433,077
32	Mattresses and spring beds	4	99,363			11,788	87,575	4	17	15,656	119	40,643
33	Millinery, custom work	18	96,392	7,200	25,800	7,360	56,032	23	34	8,670	96	23,728
34	Mineral and soda waters	4	16,100	3,000	1,200	5,000	6,900	5			15	6,136
35	Monuments and tombstones	8	82,864	21,000	5,500	23,159	33,205	8	2	1,548	52	30,979
36	Painting, house, sign, etc	48	112,540	9,250	6,770	9,854	86,666	56	6	3,524	291	145,477
37	Paints	3	306,245	37,000	49,006	33,915	186,324	3	20	19,350	43	17,890
38	Paper hanging	3	3,260	300	500	170	2,290	4			7	3,702
39	Photography	10	13,627			9,210	4,417	11			12	5,404
40	Pickles, preserves, and sauces	5	2,472,552	178,450	451,000	114,072	1,729,030	6	699	672,156	1,444	409,120
41	Plastering and stuccowork	9	41,963	7,950	6,100	4,154	23,759	12	1	1,350	42	32,747
42	Plumbing, and gas and steam fitting	48	282,994	27,750	44,457	19,610	191,177	58	25	19,139	228	152,205
43	Printing and publishing, book and job	16	79,566			59,844	19,722	20	7	4,728	87	40,394
44	Roofing and roofing materials	20	228,101	33,000	37,900	42,340	114,861	23	10	9,254	93	54,305
45	Saddlery and harness	10	29,388	2,500	5,300	1,080	20,508	10			13	7,326
46	Slaughtering and meat packing, wholesale.	8	1,497,666	238,400	477,276	141,236	640,754	13	52	57,800	438	233,028
47	Soap and candles	4	228,503	12,100	35,269	24,113	157,021	6	20	20,573	40	19,726
48	Tinsmithing, coppersmithing, and sheet-iron working.	15	226,938	26,500	51,981	44,605	103,852	21	10	8,360	165	84,377
49	Tobacco, cigars and cigarettes	54	333,523	43,964	71,421	41,481	176,657	56	18	13,753	734	156,669
50	Varnish	3	81,834		7,462	6,542	67,830	3	19	27,688	11	9,535
51	Watch, clock, and jewelry repairing	20	34,097	1,500	5,420	7,240	19,937	20			24	12,827
52	All other industries[1]	93	22,945,380	1,697,900	2,141,728	1,832,872	17,272,880	110	444	535,414	6,123	3,138,696

[1] Embraces agricultural implements, 1; ammunition, 1; awnings, tents, and sails, 2; axle grease, 1; bookbinding and blank book making, 2; boxes, cigar, 2; boxes, fancy and paper, 1; brass castings and brass finishing, 1; brick and tile, 2; bronze castings, 1; carpets, rag, 2; cars and general shop construction and repairs by street railroad companies, 1; cars, steam railroad, not including operations of railroad companies, 1; chemicals, 1; china decorating, 1; clothing, women's, factory product, 2; coffins, burial cases, and undertakers' goods, 1; cooperage, 2; electrical apparatus and supplies, 2; electrical construction and repairs, 2; electroplating, 1; felt goods, 1; flavoring extracts, 1; flouring and grist mill products, 1; food preparations, 2; galvanizing, 1; gas and lamp fixtures, 1; gas and oil stoves, 2; glass, 1; grease and tallow, 1; hairwork, 2; hardware, saddlery, 1; instruments, professional and scientific, 1; iron and steel, bolts, nuts,

ALLENTOWN.

1	All industries	491	$11,996,971	$819,039	$2,328,729	$3,155,260	$5,693,943	617	390	$325,762	8,447	$3,150,970
2	Bicycle and tricycle repairing	9	9,600	200	200	7,150	2,050	20	2	928	6	2,726
3	Blacksmithing and wheelwrighting	14	34,447	14,400	10,055	3,825	6,167	18	1	208	26	13,717
4	Boots and shoes, custom work and repairing.	26	5,645	1,100	1,827	1,695	1,023	31			6	2,017
5	Boots and shoes, factory product	9	649,410	75,450	98,749	101,601	373,610	14	38	25,301	663	210,372
6	Bread and other bakery products	24	148,714	22,224	85,980	18,625	21,885	29	17	7,598	102	39,238
7	Brick and tile	5	118,326	32,400	38,900	16,200	30,826	9	2	1,000	95	29,357
8	Brooms and brushes	4	9,800	950	3,050	1,250	4,550	4	1	306	22	7,568
9	Carpentering	16	89,337	4,260	2,137	2,915	80,025	21			196	122,015
10	Carriages and wagons	7	63,500	21,900	22,425	3,250	15,925	10			34	16,945
11	Clothing, men's, custom work and repairing.	13	24,030			1,595	22,435	19			35	15,394

BY SPECIFIED INDUSTRIES: 1900—Continued.

ALLEGHENY—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
10	$3,719					$1,334	$390	$300	$644		$33,972	$33,644	$328	$45,613	7
147	73,737	56	$10,872	4	$890	20,107	8,826	3,699	7,582		287,836	277,979	9,857	502,184	8
20	10,074	25	4,511	1	220	11,908	1,380	22	6,045	$4,461	56,490	56,126	364	100,023	9
500	320,015	1	520	2	606	853,664	7,432	2,744	12,954	830,534	456,205	453,930	2,275	1,866,970	10
68	42,159			2	268	9,501	3,993	1,637	2,399	1,472	43,788	41,972	1,816	147,599	11
1,190	697,586	7	2,202	5	1,543	45,120		12,273	32,847		372,164	360,989	11,175	1,176,331	12
130	77,977	68	23,905	5	818	18,379	13,283	1,412	2,554	1,130	122,712	121,288	1,424	321,720	13
6	5,125	164	49,966	2	330	10,932	8,483	173	2,226	50	49,684	48,747	937	182,445	14
89	44,778	143	29,426	6	926	15,770	3,130	2,002	10,638		404,205	400,636	3,569	594,359	15
17	10,813	16	4,572			3,481	360	236	2,885		12,660	11,705	955	42,060	16
2,879	1,656,036			56	14,096	302,329	16,868	25,486	259,395	580	3,018,049	2,930,383	87,666	5,662,507	17
9	4,020	1	260	1	150	2,099	1,524	7	568		9,242	8,883	359	23,719	18
39	21,823					3,665	1,045	192	2,428		61,817	61,617	200	107,833	19
15	9,348					2,140	970	32	840	298	6,629	6,373	256	26,508	20
91	41,916	100	14,600	60	7,000	3,710	1,100	1,720	890		195,658	193,780	1,878	355,810	21
70	43,773					13,837	2,400	2,163	9,274		15,380	4,585	10,795	111,212	22
2,301	1,409,908			21	3,583	369,956	1,300	12,789	353,167	2,700	4,196,922	3,693,977	502,945	7,985,673	23
97	42,523			2	418	11,555	622	1,371	9,562		87,784	84,106	3,678	162,792	24
418	183,742	8	1,338	4	860	90,674		8,180	82,494		1,137,677	1,128,173	9,504	1,582,386	25
150	91,980					530,122		21,777	508,345		336,705	319,716	16,989	1,253,205	26
				1	156	895	714	13	168		2,641	2,589	52	8,835	27
35	11,500	6	918	6	655	5,862	3,300	134	2,428		75,966	75,853	113	136,760	28
143	86,483					20,291	4,230	1,717	14,344		197,547	193,418	4,129	376,444	29
353	143,460			1	234	25,433	1,772	1,746	8,008	13,907	148,155	145,673	2,482	385,272	30
1,017	433,077					112,261	3,163	1,663	19,455	87,980	407,249	404,295	2,954	1,234,559	31
84	30,166	33	10,177	2	300	9,088	5,130	103	3,855		173,244	172,432	812	254,346	32
1	208	91	22,690	4	830	18,980	15,041	602	3,337		109,567	108,054	1,513	185,597	33
14	5,980			1	156	1,288	768	83	437		5,789	5,390	399	26,165	34
52	30,979					5,628	880	891	3,857		29,620	29,016	604	81,485	35
284	144,069			7	1,408	8,030	3,863	555	3,612		95,513	95,099	414	335,059	36
44	17,020	2	400	2	470	18,755	1,000	1,755	16,000		245,500	243,870	1,630	348,300	37
7	3,702					228	143	33	52		3,492	3,492		10,157	38
9	4,708	3	696			4,362	3,875	45	442		7,366	7,134	232	29,704	39
766	290,335	666	116,985	12	1,800	1,130,523	1,580	9,193	1,119,750		1,932,242	1,912,220	20,022	4,429,382	40
42	32,747					4,031	456	301	3,274		88,879	88,254	625	154,672	41
223	151,229			5	976	19,298	10,194	1,621	7,383	100	217,000	215,634	1,366	503,338	42
62	33,391	17	5,528	8	1,475	10,800	6,580	107	3,199	914	42,482	41,658	824	129,289	43
91	53,905			2	400	18,657	2,219	2,052	12,099	2,287	198,746	195,908	2,838	338,118	44
13	7,326					2,373	2,008	129	236		15,153	14,925	228	36,434	45
426	229,648	7	2,080	5	1,300	111,546	1,340	11,376	96,545	2,285	3,338,805	3,319,446	19,359	3,996,807	46
35	18,842	1	156	4	728	18,372	409	1,501	16,462		146,617	145,036	1,581	245,280	47
164	84,169			1	208	11,463	1,689	2,055	7,719		171,644	169,426	2,218	325,647	48
112	51,040	525	92,705	97	12,924	272,990	5,097	2,197	265,696		166,923	164,847	2,076	690,210	49
11	9,535					39,872	1,135	290	38,447		167,035	166,258	777	278,797	50
21	12,489			3	338	4,826	3,728	260	538	300	4,551	4,137	414	37,164	51
5,414	2,991,546	525	103,353	184	43,797	897,110	36,377	36,214	819,095	5,424	10,364,415	10,139,779	224,636	16,799,430	52

washers, and rivets, 2; iron and steel, forgings, 2; kaolin and other earth grinding, 1; lamps and reflectors, 1; lead, bar, pipe, and sheet, 1; lime and cement, 2; lumber and timber products, 2; malt, 1; mirrors, 1; models and patterns, 2; mucilage and paste, 2; musical instruments and materials, not specified, 1; oil, linseed, 1; patent medicines and compounds, 2; paving and paving materials, 2; perfumery and cosmetics, 1; petroleum, refining, 1; plumbers' supplies, 2; pottery, terra cotta, and fire-clay products, 1; printing and publishing, newspapers and periodicals, 1; pumps, not including steam pumps, 1; salt, 1; sausage, 1; ship and boat building, wooden, 2; springs, steel, car and carriage, 1; stamped ware, 1; tin and terne plate, 1; tools, not elsewhere specified, 2; trunks and valises, 2; vinegar and cider, 1; washing machines and clothes wringers, 1; wire, 1; wirework, including wire rope and cable, 1; wood, turned and carved, 1; wool pulling, 2.

ALLENTOWN.

5,251	$2,479,054	2,574	$598,527	622	$73,389	$1,310,643	$79,022	$28,480	$838,971	$364,170	$9,846,047	$9,435,081	$410,966	$16,947,722	1
5	2,676			1	50	1,227	966	28	233		6,241	5,970	271	16,462	2
26	13,717					819	431	161	177	50	16,272	15,593	679	52,984	3
6	2,017					1,365	1,227	42	96		6,935	6,810	125	22,571	4
378	140,127	206	59,015	79	11,230	18,728	835	3,102	14,625	166	585,998	582,981	3,017	900,976	5
88	36,942	7	1,406	7	890	5,362	2,415	994	1,953		118,931	115,125	3,806	232,229	6
90	28,571			5	786	6,794	3,200	792	2,802		14,798	6,412	8,386	75,714	7
22	7,568					675	86	35	554		7,616	7,576	40	24,325	8
196	122,015					28,857	210	154	2,593	25,900	204,339	204,179	160	434,322	9
34	16,945					2,231	60	279	1,592	300	14,898	14,315	583	51,897	10
26	13,394	9	2,000			3,694	2,818		876		39,900	39,568	332	72,414	11

TABLE 8.—MANUFACTURES IN CITIES

ALLENTOWN—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
12	Clothing, men's, factory product	6	$203,625	$32,000	$42,000	$7,795	$121,830	12	20	$9,714	207	$78,085
13	Clothing, women's, dressmaking	30	16,277	3,450	5,650	2,635	4,542	32			68	16,644
14	Confectionery	7	17,942	500	1,000	6,860	9,582	9	3	734	28	11,805
15	Foundry and machine shop products	13	878,895	65,282	106,820	198,270	508,523	22	29	24,596	616	328,232
16	Furniture, factory product	6	402,458	39,468	67,500	36,603	258,887	7	35	32,506	398	156,970
17	Hosiery and knit goods	5	102,600	100	500	53,900	48,100	8	12	14,920	255	57,078
18	Iron and steel	5	3,147,958	160,000	725,000	775,757	1,487,201		25	32,652	1,129	615,403
19	Leather, tanned, curried, and finished	3	132,088	2,000	3,000	3,700	123,388	7	1	310	21	9,280
20	Liquors, malt	4	632,936	90,500	219,315	176,684	146,437	5	10	20,652	47	32,688
21	Looking-glass and picture frames	4	2,065			390	1,675	8	1	566	5	2,174
22	Lumber, planing mill products, including sash, doors, and blinds.	7	157,206	12,786	25,545	48,753	70,122	12	4	2,001	102	46,473
23	Masonry, brick and stone	13	112,669	12,700	7,750	11,495	80,724	18	1	500	360	167,431
24	Millinery, custom work	29	41,067	2,800	3,600	1,604	33,063	35	10	3,874	61	17,759
25	Monuments and tombstones	6	13,892	1,000	200	875	11,817	6			8	4,175
26	Painting, house, sign, etc	37	19,971	3,780	2,870	4,006	9,315	45			82	43,519
27	Paper hanging	7	15,460	3,300	5,700	850	5,610	7			13	7,064
28	Paving and paving materials	3	52,020		600	15,820	35,600	2	4	3,720	31	14,144
29	Photography	9	21,235	3,450	6,700	7,500	3,585	10			9	3,682
30	Plastering and stuccowork	4	2,054	200	30	105	1,719	9			18	9,596
31	Plumbing, and gas and steam fitting	14	75,246	4,000	11,000	6,000	54,246	22	4	1,329	47	21,061
32	Printing and publishing, book and job	8	66,048	6,000	5,624	32,536	21,888	11	3	1,118	30	11,303
33	Printing and publishing, newspapers and periodicals.	9	250,600	20,000	81,000	103,600	46,000	13	2	1,700	81	41,052
34	Roofing and roofing materials	4	13,122	4,000	1,000	2,012	6,110	6	1	416	19	8,063
35	Saddlery and harness	5	26,595	10,000	7,000	2,170	7,425	6	4	2,194	15	8,324
36	Silk and silk goods	7	2,149,130	54,400	471,855	697,558	925,317	4	65	67,616	2,380	607,247
37	Tinsmithing, coppersmithing, and sheet-iron working.	13	88,930	8,700	11,800	29,050	39,380	17	8	4,282	52	24,752
38	Tobacco, cigars and cigarettes	48	195,806	8,400	18,740	10,468	158,198	47	20	15,242	308	95,900
39	Watch, clock, and jewelry repairing	8	7,600			3,550	4,050	8	1	260	8	4,210
40	All other industries[1]	50	1,998,667	97,339	233,607	756,608	911,113	54	66	49,519	864	247,507

[1] Embraces awnings, tents, and sails, 1; bookbinding and blank book making, 2; boot and shoe uppers, 1; bottling, 1; boxes, cigar, 2; boxes, fancy and paper, 1; brass castings and brass finishing, 2; carpets, rag, 1; cars and general shop construction and repairs by steam railroad companies, 1; china decorating, 2; clothing, women's, factory product, 1; coffins, burial cases, and undertakers' goods, 1; cooperage, 2; cutlery and edge tools, 1; druggists' preparations, not including prescriptions, 1; dyeing and cleaning, 2; electrical construction and repairs, 2; electroplating, 1; flouring and grist mill products, 1; furniture, cabinet-

ALTOONA.

1	All industries	230	$8,108,819	$506,098	$1,751,119	$2,682,558	$3,169,044	267	380	$266,527	8,090	$4,619,828
2	Blacksmithing and wheelwrighting	12	9,250	3,175	1,475	1,425	3,175	13			9	3,955
3	Boots and shoes, custom work and repairing.	23	6,500	700	575	2,090	3,135	25			12	4,500
4	Bread and other bakery products	11	20,470	3,200	4,500	6,325	6,445	12	6	2,494	40	16,756
5	Carpentering	6	104,500	2,100	1,650	2,100	98,650	9	3	3,000	66	42,500
6	Carriages and wagons	5	11,545	4,000	3,600	1,640	2,305	7			8	4,520
7	Cars and general shop construction and repairs by steam railroad companies.	3	5,153,590	257,500	1,181,300	1,561,006	2,153,784		244	169,569	6,500	4,016,877
8	Clothing, men's, custom work and repairing.	24	50,620	12,000	2,000	3,935	32,685	25			83	30,212
9	Confectionery	7	44,600	7,000	8,800	13,300	15,500	8	6	3,048	35	9,786
10	Flouring and grist mill products	3	20,900	600	4,500	6,900	8,900	3			6	2,700
11	Liquors, malt	3	288,000	41,000	65,000	75,000	107,000	5	6	5,300	31	16,700
12	Lock and gun smithing	3	560			460	100	3			1	100
13	Lumber, planing mill products, including sash, doors, and blinds.	7	158,075	39,700	18,700	35,125	64,550	7	5	2,604	98	52,108
14	Millinery, custom work	8	38,900	4,000	2,800	3,800	28,300	8	2	1,200	50	14,300
15	Painting, house, sign, etc	15	81,425	4,400	4,150	5,275	17,600	16	5	1,746	61	32,573
16	Paper hanging	3	9,160			135	9,025	3			10	5,275
17	Paving and paving materials	5	6,350			2,550	3,800	5			16	6,700
18	Photography	5	10,850	5,000	1,000	3,900	950	5	1	195	4	996
19	Plumbing, and gas and steam fitting	19	47,865	5,950	15,175	4,090	22,650	24	2	780	40	18,535
20	Printing and publishing, newspapers and periodicals.	6	132,700	15,300	9,400	86,500	21,500	7	12	10,536	136	58,272
21	Roofing and roofing materials	5	10,920	250	650	1,720	8,300	4	2	1,050	17	6,796
22	Saddlery and harness	4	14,910	5,500	4,500	850	4,060	5			5	2,640
23	Tinsmithing, coppersmithing, and sheet-iron working.	7	24,350	4,700	5,700	4,300	9,650	8	3	1,392	22	9,384
24	Tobacco, cigars and cigarettes	8	10,250			1,150	9,100	3	3	1,700	32	8,935
25	Watch, clock, and jewelry repairing	11	5,985	400	800	3,125	1,660	16			4	3,450
26	All other industries[1]	32	1,896,544	89,623	414,844	855,857	536,220	46	80	61,913	804	251,258

[1] Embraces bicycle and tricycle repairing, 2; brick and tile, 1; brooms and brushes, 1; carpets, rag, 2; china decorating, 1; clothing, men's, factory product, 1; coffins, burial cases, and undertakers' goods, 1; cooperage, 1; dyeing and cleaning, 1; electrical construction and repairs, 1; foundry and machine shop products, 2; furniture cabinetmaking, repairing, and upholstering, 1; furniture, factory product, 1; gas, illuminating and heating, 1; glass, 1; ice, manufactured, 2; looking-

BY SPECIFIED INDUSTRIES: 1900—Continued.

ALLENTOWN—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
90	$45,883	114	$31,875	3	$327	$14,697	$5,600		$9,097		$270,197	$268,296	$1,901	$456,290	12
1	336	67	16,308			3,115	2,217	$89	809		2,777	2,369	408	45,055	13
17	8,205	11	3,600			1,652	1,235	12	405		37,665	36,965	700	60,629	14
616	328,232					21,333	4,871	1,243	15,219		630,681	612,478	18,203	1,242,589	15
369	151,999	10	1,841	19	3,130	22,659	700	1,227	20,732		147,022	144,201	2,821	398,607	16
23	10,342	198	43,290	29	3,446	7,699	2,200	121	5,378		189,075	187,462	1,613	325,847	17
1,129	615,403					441,633	6,724	3,176	431,733		2,955,300	2,627,430	327,870	4,443,782	18
21	9,280					3,040	300	395	2,345		90,908	90,571	337	110,850	19
47	32,688					113,804		6,291	107,513		87,175	82,158	5,017	310,725	20
5	2,174					411	360		51		2,911	2,841	70	8,145	21
101	46,317			1	156	5,826	402	531	4,893		92,155	89,180	2,975	188,653	22
360	167,431					13,825	235	190	6,854	$6,546	270,429	270,074	355	568,400	23
		59	17,524	2	235	11,043	9,174	80	1,789		69,850	69,042	808	141,162	24
8	4,175					326	221	11	94		7,837	7,789	48	17,766	25
82	43,519					913	610	110	193		14,158	14,050	108	103,280	26
13	7,064					439	268	81	90		9,838	9,741	97	24,404	27
31	14,144					289	74	191	24		9,595	9,575	20	29,374	28
6	2,766	3	916			2,383	1,356	140	887		6,998	6,896	102	23,773	29
18	9,596					13	5	3	5		2,463	2,463		20,186	30
47	21,061					4,144	2,139	253	1,702	50	75,695	75,331	364	130,270	31
24	10,153	3	588	3	562	5,116	1,593	112	3,411		15,195	14,188	1,007	44,885	32
79	40,658	1	260	1	134	17,548	2,552	771	12,825	1,400	28,419	26,767	1,652	129,234	33
19	8,063					1,197	422	75	700		25,073	24,985	88	42,500	34
15	8,324					2,996	1,444	204	1,348		10,392	10,283	109	29,670	35
655	254,041	1,405	316,722	320	36,484	372,061	5,150	4,212	34,908	327,791	2,007,977	1,995,664	12,313	3,467,792	36
52	24,752					4,256	2,540	204	1,512		38,264	37,730	534	110,012	37
142	58,980	163	36,446	3	474	69,212	6,450	357	62,405		234,027	232,963	1,064	464,348	38
8	4,210					849	741		108		2,052	1,976	76	11,400	39
397	165,286	318	66,736	149	15,485	98,412	7,191	2,814	86,440	1,967	1,495,991	1,483,084	12,907	2,114,200	40

making, repairing, and upholstering, 1; gas, illuminating and heating, 1; grease and tallow, 1; hats and caps, not including fur hats and wool hats, 1; ice, manufactured, 1; iron and steel, pipe, wrought, 1; ironwork, architectural and ornamental, 2; jute and jute goods, 1; kaolin and other earth grinding, 1; lime and cement, 1; lock and gun smithing, 1; marble and stone work, 2; mattresses and spring beds, 1; paints, 2; pottery, terra cotta, and fire-clay products, 2; shirts, 1; slaughtering and meat packing, wholesale, 2; tools, not elsewhere specified, 1; window shades, 1.

ALTOONA.

7,458	$4,494,347	432	$95,013	200	$30,468	$350,501	$39,385	$10,887	$242,741	$57,488	$8,376,488	$8,182,520	$193,968	$14,250,656	1
9	3,955					1,044	658	74	312		5,549	5,144	405	21,715	2
12	4,500					2,186	1,704	20	412	50	10,974	10,754	220	32,699	3
36	16,310	1	100	3	346	4,153	2,770	115	1,268		49,236	47,869	1,367	97,608	4
66	42,500					29,192	122	137	933	28,000	142,066	142,036	30	289,548	5
8	4,520					910	700	35	175		4,634	4,489	145	16,398	6
6,470	4,009,674	8	3,831	22	3,372	83,134		2,400	80,734		6,216,222	6,070,486	145,736	10,485,802	7
38	20,620	45	9,592			7,239	4,478	225	2,163	373	52,149	51,223	926	121,926	8
15	6,760	14	2,482	6	544	6,153	4,168	245	1,740		19,915	19,240	675	48,850	9
6	2,700					1,080	650	210	220		24,980	24,380	600	32,035	10
31	16,700					80,516	2,200	600	77,716		57,000	51,600	5,400	185,550	11
				1	100	757	720		37		435	435		2,400	12
92	51,250			6	858	12,994	754	1,074	3,166	8,000	138,803	136,283	2,520	234,358	13
		43	14,108	2	192	4,167	2,760	100	1,307		61,812	61,520	292	94,380	14
60	32,477	1	96			2,545	1,378	94	1,073		36,410	36,320	90	94,730	15
10	5,275					1,808	1,260		548		6,148	6,078	70	17,375	16
16	6,700					625	180		95	350	7,799	7,789	10	19,350	17
2	600	2	396			1,076	856	50	170		2,831	2,831		10,525	18
40	18,535					4,172	1,967	199	901	1,105	46,181	45,797	384	94,185	19
127	56,584	4	1,068	5	620	8,303	1,596	743	5,554	410	32,567	30,239	2,328	143,552	20
16	6,700			1	96	641	276	32	333		13,913	13,796	117	28,050	21
5	2,640					417	192	115	110		3,834	3,675	159	10,199	22
17	8,244			5	1,140	1,550	923	90	537		11,555	11,300	255	34,110	23
8	4,260	24	4,675			8,507	960		7,547		12,670	12,545	125	33,750	24
4	3,450					1,648	1,431	12	205		1,647	1,632	15	12,550	25
370	169,393	285	58,665	149	23,200	85,684	6,682	4,317	55,485	19,200	1,417,158	1,385,059	32,099	2,089,011	26

glass and picture frames, 2; marble and stone work, 1; mattresses and spring beds, 1; mineral and soda waters, 2; monuments and tombstones, 2; plastering and stuccowork, 2; silk and silk goods, 1; washing machines and clothes wringers, 1.

TABLE 8.—MANUFACTURES IN CITIES

CHESTER.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	315	$18,977,710	$1,565,692	$3,044,227	$5,838,218	$8,529,573	327	324	$494,821	7,682	$3,462,196
2	Bicycle and tricycle repairing	4	2,510			1,100	1,410	4			1	410
3	Blacksmithing and wheelwrighting	17	26,440	5,990	5,300	4,175	10,975	20			23	11,040
4	Boots and shoes, custom work and repairing.	22	11,050	800	2,300	3,660	4,290	22			14	5,256
5	Bottling	13	88,585	21,460	28,000	11,225	27,900	14	1	780	34	21,190
6	Bread and other bakery products	15	58,125	9,950	24,150	10,775	13,250	17			41	20,061
7	Brick and tile	3	51,600	10,000	10,000	15,500	16,100	3	1	1,200	56	21,000
8	Carpentering	10	200,400	8,440	10,900	4,525	176,535	12			133	74,100
9	Carriages and wagons	6	47,150	12,100	12,900	3,675	18,475	7			26	15,440
10	Clothing, men's, custom work and repairing.	13	25,775			2,725	23,050	13			42	17,400
11	Clothing, women's, dressmaking	6	1,355			478	877	6			5	1,075
12	Confectionery	10	38,550	8,500	13,000	3,750	13,300	12			26	10,378
13	Cotton goods	11	3,444,091	170,824	540,666	1,411,142	1,321,459	9	66	106,714	1,906	676,023
14	Foundry and machine shop products	12	1,218,428	124,980	260,000	293,303	540,145	17	27	34,092	523	247,043
15	Furniture, cabinetmaking, repairing, and upholstering.	4	18,100	2,000	2,000	1,150	12,950	5			14	6,250
16	Iron and steel	7	4,577,318	291,799	1,092,519	1,508,810	1,684,190		63	110,197	1,435	782,169
17	Lumber, planing mill products, including sash, doors, and blinds.	4	106,300	17,000	14,000	20,300	55,000	5	4	4,040	74	33,000
18	Marble and stone work	3	16,270	4,300	750	1,020	10,200	3			20	8,900
19	Masonry, brick and stone	9	34,757			1,357	33,400	10			95	45,600
20	Millinery, custom work	13	44,215	9,500	7,000	565	27,150	15			33	8,795
21	Models and patterns	3	25,750	3,700	5,400	4,000	12,650	5			29	19,572
22	Painting, house, sign, etc	11	91,239	23,500	24,300	5,254	38,185	11	5	1,492	83	37,905
23	Paper hanging	3	3,450			400	3,050	3			8	3,500
24	Paving and paving materials	4	12,362	150	700	2,650	8,862	5			39	12,182
25	Photography	6	10,990	500	2,250	5,350	2,890	6			8	2,941
26	Plumbing, and gas and steam fitting	12	74,764	16,800	24,150	8,500	25,314	13	1	375	42	23,185
27	Printing and publishing, book and job	4	14,250			10,700	3,550	5			5	1,800
28	Printing and publishing, newspapers and periodicals.	4	177,621	15,000	36,000	82,121	44,500	4	3	5,500	81	43,697
29	Roofing and roofing materials	4	66,700	7,500	17,500	3,400	38,300	6			34	13,950
30	Saddlery and harness	5	7,210			1,110	6,100	5			6	3,260
31	Ship and boat building, wooden	3	13,550	600	1,900	2,050	9,000	3			10	6,450
32	Tinsmithing, coppersmithing, and sheet-iron working.	9	29,935	6,000	8,900	2,725	12,310	10			14	8,300
33	Tobacco, cigars and cigarettes	8	40,765	7,500	13,500	3,477	16,288	8	2	1,300	37	12,126
34	Watch, clock, and jewelry repairing	9	10,350	1,500	4,000	2,200	2,650	9			7	2,725
35	Woolen goods	3	520,991	41,683	54,000	157,794	267,514	2	13	16,002	385	138,698
36	Worsted goods	3	454,494	3,000	10,400	166,301	274,793	3	5	11,250	369	146,517
37	All other industries[1]	42	7,412,270	740,616	817,742	2,080,951	3,772,961	35	133	201,879	2,024	980,258

[1] Embraces artists' materials, 1; awnings, tents, and sails, 1; belting and hose, leather, 1; brass castings and brass finishing, 2; carpets, rag, 2; cars and general shop construction and repairs by street railroad companies, 1; chemicals, 1; coffins, burial cases, and undertakers' goods, 1; cutlery and edge tools, 1; dyeing and cleaning, 1; dye stuffs and extracts, 1; electrical construction and repairs, 1; gas, illuminating and heating, 1; grease and tallow, 1; ice, manufactured, 1; iron and steel, pipe, wrought, 2; ironwork, architectural and ornamental, 1; lime and cement, 1; liquors, malt, 1; lock and gun smithing, 2; looking-glass and picture

EASTON.

1	All industries	285	$4,829,879	$375,530	$1,108,706	$1,362,023	$1,983,620	323	180	$130,082	3,912	$1,516,525
2	Bicycle and tricycle repairing	6	3,585	300	200	2,200	885	6			3	1,205
3	Blacksmithing and wheelwrighting	11	20,205	8,800	4,200	2,505	4,700	13			11	4,728
4	Boots and shoes, custom work and repairing.	11	2,885	1,300	370	755	460	11			2	747
5	Bread and other bakery products	20	42,150	7,800	15,600	8,830	9,920	21	1	208	52	22,630
6	Brick and tile	3	51,545	18,200	13,520	6,225	13,600	4	2	2,000	35	9,490
7	Carpentering	13	90,193	5,300	2,950	6,025	75,918	15	1	700	161	90,627
8	Clothing, men's, custom work and repairing.	17	74,185	7,000	14,000	1,890	51,295	20	1	322	73	32,053
9	Clothing, women's, dressmaking	3	8,900			800	8,100	3			19	8,100
10	Confectionery	9	17,185	2,400	3,900	4,275	6,610	11	2	1,200	21	6,850
11	Electrical construction and repairs	5	10,190			835	9,355	4	3	1,316	12	5,415
12	Flouring and grist mill products	3	82,050	5,000	10,000	16,000	51,050	3			16	8,880
13	Furniture, cabinetmaking, repairing, and upholstering.	7	16,760	150	100	750	15,760	7	1	500	12	6,403
14	Kaolin and other earth grinding	3	82,000	4,000	9,000	27,000	42,000	2	2	2,040	35	16,960
15	Liquors, malt	3	489,213	33,000	190,000	125,000	141,213	4	15	9,714	75	33,765
16	Looking-glass and picture frames	3	4,725			625	4,100	3	4	940	5	2,012
17	Lumber, planing mill products, including sash, doors, and blinds.	3	56,300	8,150	8,500	19,500	20,150	4	3	1,746	43	21,521
18	Marble and stone work	3	32,940	15,300	2,110	3,230	12,300	9			14	8,100
19	Masonry, brick and stone	5	44,654	800	700	7,151	36,003	8	5	1,264	100	49,330
20	Millinery, custom work	12	61,115	10,000	18,600	390	32,125	4	7	1,754	31	7,899
21	Monuments and tombstones	4	42,826	12,500	1,700	8,850	24,776	9			23	11,050

BY SPECIFIED INDUSTRIES: 1900—Continued.

CHESTER.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
5,935	$2,941,151	1,451	$469,662	296	$51,383	$1,222,400	$87,265	$41,259	$802,561	$291,315	$9,261,886	$8,782,471	$479,415	$16,421,725	1
1	410					587	480	7	100		2,860	2,775	85	6,000	2
23	11,040					2,163	1,436	239	488		8,976	8,537	439	36,190	3
14	5,256					3,443	2,941	88	414		10,216	9,933	283	26,610	4
34	21,190					9,857	2,260	5,423	2,174		99,176	98,379	797	161,250	5
37	19,049	4	1,012			5,294	2,447	404	2,443		53,854	51,777	2,077	113,715	6
56	21,000					1,213	500	288	425		6,297	2,842	3,455	37,600	7
133	74,100					116,584	132	239	3,013	113,200	164,840	164,695	145	391,500	8
26	15,440					1,937	460	227	1,250		19,239	18,819	420	48,480	9
26	13,850	16	3,550			4,397	3,619	26	752		23,356	22,698	658	55,200	10
		5	1,075			754	632	4	118		2,200	2,105	95	6,275	11
16	8,624	9	1,650	1	104	6,876	3,116	270	3,490		23,444	22,800	644	56,845	12
793	343,555	926	300,038	187	32,430	214,880	12,800	7,337	115,720	79,023	1,422,744	1,354,208	68,536	2,711,049	13
523	247,043					30,603	1,736	3,351	25,516		452,479	441,003	11,476	832,238	14
13	6,100	1	150			3,219	1,320	69	1,830		28,975	28,765	210	45,300	15
1,435	782,169					277,604	10,000	7,722	259,882		1,535,101	1,288,898	246,203	2,983,450	16
74	33,000					5,417	1,800	217	3,400		76,725	76,150	575	155,000	17
20	8,900					372	12	180	180		15,910	15,845	65	28,300	18
95	45,600					7,148	108	50	1,090	5,900	45,785	45,745	40	124,450	19
		33	8,795			5,775	4,343	227	1,205		34,362	34,037	325	64,100	20
29	19,572					884	150	138	476	120	8,510	7,980	530	36,000	21
83	37,905					3,787	654	557	2,576		54,650	54,293	357	113,600	22
8	3,500					589	366	13	210		3,060	3,007	53	8,450	23
39	12,182					787	88	24	675		19,715	19,715		39,390	24
6	2,285	2	656			1,405	971	34	400		3,987	3,787	200	12,000	25
42	23,185					3,560	936	418	2,006	200	49,895	49,564	331	99,800	26
3	1,544			2	256	746	640		106		3,548	3,390	158	15,900	27
69	39,827	7	2,920	5	950	6,833	967	477	5,389		21,255	19,325	1,930	102,914	28
34	13,950					1,144	272	276	596		24,047	23,922	125	60,750	29
6	3,260					1,662	928	19	715		4,642	4,569	73	11,400	30
8	6,000			2	450	617	170	47	400		6,175	6,175		17,775	31
14	8,300					1,667	901	228	538		19,474	19,269	205	44,900	32
12	6,126	20	5,200	5	800	6,840	1,356	247	5,237		22,639	22,235	404	53,112	33
7	2,725					1,423	1,008	99	316		3,990	3,735	255	15,350	34
228	92,021	125	40,737	32	5,940	34,319	4,760	1,549	24,310	3,700	398,333	391,279	7,054	701,569	35
120	61,216	209	79,499	40	5,802	52,289	11,988	200	38,181	1,920	607,416	601,027	6,389	916,369	36
1,908	951,227	94	24,380	22	4,651	405,725	10,968	10,565	296,940	87,252	3,984,011	3,859,188	124,823	6,288,894	37

frames, 2; mattresses and spring beds, 1; mineral and soda waters, 1; monuments and tombstones, 1; musical instruments, pianos and materials, 1; patent medicines and compounds, 1; petroleum, refining, 1; plastering and stuccowork, 2; pottery, terra cotta, and fire-clay products, 1; refrigerators, 1; shipbuilding, iron and steel, 1; shirts, 1; shoddy, 2; slaughtering and meat packing, wholesale, 1; wirework, including wire rope and cable, 1.

EASTON.

2,684	$1,266,156	945	$199,747	283	$50,622	$485,029	$33,398	$12,102	$183,383	$256,146	$3,794,496	$3,725,688	$68,808	$6,746,078	1
8	1,205					484	394	5	85		1,796	1,703	93	5,425	2
11	4,728					686	534	118	34		4,802	4,447	355	17,550	3
2	747					550	514	16	20		3,059	2,942	117	9,112	4
45	21,654			7	976	2,336	1,582	287	467		89,592	87,133	2,459	159,334	5
32	9,108			8	382	603		178	425		6,087	1,160	4,927	24,000	6
160	90,211			1	416	90,938	558	78	528	89,774	122,592	122,358	234	340,260	7
59	28,938	12	2,780	2	335	4,074	3,316	29	729		51,139	50,539	600	118,254	8
6	3,600	13	4,500			1,392	1,240		152		9,845	9,575	270	21,500	9
14	5,864	5	626	2	360	2,985	2,279	101	605		23,912	23,320	592	44,987	10
11	5,265			1	150	886	696		190		5,517	5,403	114	16,398	11
16	8,880					2,598	1,251	297	1,050		97,079	96,544	535	117,226	12
11	6,211	1	192			1,074	948	3	123		13,582	13,410	172	26,588	13
35	16,960					1,577	300	147	1,130		50,331	47,220	3,111	80,931	14
74	33,657			1	108	81,308		2,660	78,648		56,686	53,821	2,865	240,640	15
4	1,837			1	175	919	598		321		2,927	2,805	122	15,600	16
43	21,521					1,378	150	168	1,060		36,388	35,923	465	71,040	17
14	8,100					1,037	100	92	845		10,000	9,839	161	23,500	18
100	49,330					149	12	15	122		23,437	23,307	130	88,233	19
		29	7,634	2	265	3,484	2,069	235	1,180		43,230	42,790	440	79,842	20
23	11,050					4,783		93	1,690	3,000	12,300	12,085	215	42,500	21

TABLE 8.—MANUFACTURES IN CITIES

EASTON—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
22	Painting, house, sign, etc	11	$7,695	$100	$100	$1,090	$6,405	13			28	$14,011
23	Paper hanging	8	31,495	2,000	1,000	1,145	27,350	8	7	$2,796	33	14,506
24	Photography	3	5,400			3,400	2,000	3	1	84	1	432
25	Plumbing, and gas and steam fitting	15	35,370	100	200	3,680	31,390	17			32	17,814
26	Printing and publishing, newspapers and periodicals.	6	164,711	10,500	26,000	79,396	48,815	7	4	1,986	108	46,623
27	Roofing and roofing materials	3	12,600	2,700	3,650	750	5,500	6			13	5,975
28	Saddlery and harness	3	42,900	11,000	16,000	2,900	13,000	3	1	600	12	5,876
29	Tinsmithing, coppersmithing, and sheet-iron working.	13	39,525	4,900	7,750	6,305	20,570	15			28	12,644
30	Tobacco, cigars and cigarettes	17	29,359	1,600	1,650	868	25,241	15			48	19,479
31	Watch, clock, and jewelry repairing	12	14,730	4,000	1,500	6,305	2,925	11			12	4,761
32	All other industries[1]	50	3,212,488	198,630	755,406	1,018,348	1,240,104	54	120	100,912	2,854	1,026,639

[1] Embraces awnings, tents, and sails, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 1; bottling, 2; boxes, cigar, 2; boxes, fancy and paper, 1; brass castings and brass finishing, 1; brooms and brushes, 2; carpets, rag, 2; carriages and wagons, 2; cars and general shop construction and repairs by steam railroad companies, 1; clothing, men's, factory product, 2; coffins, burial cases, and undertakers' goods, 1; cordage and twine, 1; dyeing and cleaning, 1; flags and banners, 1; foundry and machine shop products, 2; gas, illuminating and heating, 1; hosiery and knit goods, 1; ice, manufactured, 1; iron

ERIE.

1	All industries	644	$20,418,016	$1,361,284	$3,483,998	$5,543,480	$10,029,254	718	679	$702,343	9,339	$4,574,625
2	Awnings, tents, and sails	3	3,935	1,200	950	535	1,250	3			2	610
3	Bicycle and tricycle repairing	14	19,600	800	300	8,275	10,225	16			19	8,370
4	Bicycles and tricycles	3	436,110	9,300	87,080	180,579	159,151	1	42	27,119	258	142,336
5	Blacksmithing and wheelwrighting	25	34,120	12,600	9,875	5,300	6,345	29			24	14,706
6	Boots and shoes, custom work and repairing.	65	33,285	6,450	7,550	6,710	12,575	65			16	8,983
7	Bottling	5	24,854			12,663	12,191	5	2	900	18	11,696
8	Brass castings and brass finishing	3	63,236	7,000	7,500	16,228	32,508	4			27	13,061
9	Bread and other bakery products	28	187,543	27,300	49,500	68,856	41,887	27	13	12,134	103	43,182
10	Carpentering	21	242,748	35,463	37,900	34,930	134,455	24	11	13,292	255	153,947
11	Carpets, rag	8	5,640	1,150	1,500	1,490	1,500	8			1	1,000
12	Carriages and wagons	3	35,922	14,550	9,400	2,140	9,832	6	1	500	22	11,592
13	Clothing, men's, custom work and repairing.	54	124,700	10,300	12,350	9,940	92,110	60	6	3,200	175	86,339
14	Clothing, women's, dressmaking	13	4,265			1,340	2,925	14			35	12,230
15	Confectionery	16	43,650	10,300	9,250	8,475	15,625	16	7	2,828	24	11,092
16	Cooperage	5	108,310	16,400	21,000	21,010	49,900	4	7	8,680	112	34,448
17	Dyeing and cleaning	3	5,700	700	2,500	2,150	350	3			4	2,375
18	Flouring and grist mill products	7	242,653	46,500	49,000	86,653	60,500	12	10	12,112	40	21,695
19	Foundry and machine shop products	41	9,075,309	511,717	1,075,912	1,606,360	5,881,320	28	259	293,911	3,702	1,969,136
20	Furniture, cabinetmaking, repairing, and upholstering.	14	28,762	5,000	5,100	3,135	15,527	17	1	600	14	7,010
21	Hairwork	4	1,785			185	1,600	4			2	599
22	Liquors, malt	5	1,100,467	79,090	357,778	387,568	276,031		30	46,240	115	90,440
23	Lock and gun smithing	4	10,400	1,500	2,500	2,350	4,050	5			3	1,500
24	Looking-glass and picture frames	7	16,270	1,100	1,100	810	13,260	7			6	2,800
25	Lumber, planing mill products, including sash, doors, and blinds.	11	726,629	86,588	108,343	123,421	408,277	19	32	31,386	297	120,526
26	Masonry, brick and stone	3	6,075			575	5,500	4			32	21,900
27	Millinery, custom work	19	79,506	18,400	13,300	2,295	45,511	24	10	2,800	63	28,291
28	Models and patterns	3	10,870	1,000	2,000	3,552	4,318	5			6	3,766
29	Monuments and tombstones	6	65,505	21,000	8,580	11,675	24,250	7	5	2,300	28	26,750
30	Optical goods	3	3,300			1,550	1,750	4			2	625
31	Painting, house, sign, etc	34	37,780	1,900	2,100	5,950	27,830	39	1	260	95	57,231
32	Patent medicines and compounds	7	54,924	6,200	4,800	3,187	40,737	6	7	4,422	17	5,225
33	Photography	10	15,175	2,050	3,500	7,100	2,525	10			5	2,860
34	Plumbing, and gas and steam fitting	15	102,713	8,000	11,000	9,171	74,542	19	16	8,620	88	46,723
35	Printing and publishing, book and job	10	106,512	5,000	14,474	61,908	25,130	16	2	624	71	33,652
36	Printing and publishing, newspapers and periodicals.	9	212,350			168,449	43,901	11	19	14,086	131	72,972
37	Roofing and roofing materials	9	34,700	5,300	6,200	4,350	18,850	14	2	1,500	34	18,247
38	Saddlery and harness	7	16,375	2,000	4,300	1,475	8,600	8			11	6,146
39	Sewing machine repairing	4	1,475			375	1,100	5			2	1,200
40	Tinsmithing, coppersmithing, and sheet-iron working.	8	26,170	3,400	5,100	3,557	14,113	10			19	10,046
41	Tobacco, cigars and cigarettes	26	82,096	7,200	11,200	4,320	59,376	32	2	1,275	90	45,054
42	Watch, clock, and jewelry repairing	24	34,885	5,000	8,000	7,985	13,900	24	2	1,092	19	12,153
43	All other industries[1]	85	6,951,712	389,826	1,533,056	2,654,903	2,373,927	103	192	212,462	3,352	1,412,111

[1] Embraces babbitt metal and solder, 1; belting and hose, rubber, 1; bookbinding and blank book making, 1; boxes, cigar, 2; boxes, fancy and paper, 1; boxes, wooden packing, 1; brick and tile, 2; brooms and brushes, 1; buttons, 2; carriage and wagon materials, 2; carriages and sleds, children's, 1; cars and general shop construction and repairs by steam railroad companies, 2; cars, steam railroad, not including operations of railroad companies, 1; cheese, butter, and condensed milk, factory product, 2; chemicals, 1; clothing, men's, factory product, 2; clothing, women's, factory product, 1; coffee and spice, roasting and grinding, 1; coffins, burial cases, and undertakers' goods, 1; cutlery and edge tools, 1; electrical apparatus and supplies, 1; electrical construction and repairs, 2; electroplating, 2; engraving, steel, including plate printing, 1; engraving, wood, 1; fertilizers, 1; fur goods, 1; furniture, factory product, 1; gas and lamp fixtures, 1; gas and oil stoves, 2; gas, illuminating and heating, 1; gas machines and meters, 1; hand stamps, 1; hardware, 1; hats and caps, not including fur hats

BY SPECIFIED INDUSTRIES: 1900—Continued.

EASTON—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
28	$14,011					$603	$518	$2	$83		$6,069	$6,025	$44	$32,235	22
33	14,506					2,455	1,593	25	837		15,140	14,975	165	43,279	23
1	432					1,015	725		290		2,835	2,723	112	8,200	24
32	17,814					1,900	1,583	28	289		48,789	48,337	452	95,880	25
92	43,896	7	$1,850	9	$877	9,062	1,275	267	7,520		21,474	19,969	1,505	116,351	26
12	5,800			1	175	975	200	60	715		16,102	15,990	112	33,500	27
12	5,876					775	400	205	170		8,405	8,315	90	21,500	28
28	12,644					1,514	1,146	95	273		16,957	16,526	431	41,930	29
42	18,215	2	432	4	832	10,308	1,380	27	8,901		31,186	30,930	256	69,784	30
11	4,605			1	156	2,258	1,983	75	200		3,540	3,310	230	18,830	31
1,730	799,491	876	181,733	248	45,415	250,923	6,054	6,796	74,701	$163,372	2,959,698	2,912,264	47,434	4,721,669	32

and steel, 1; ironwork, architectural and ornamental, 1; leather, tanned, curried, and finished, 1; lime and cement, 1; lumber and timber products, 1; malt, 1; mattresses and spring beds, 1; musical instruments, organs and materials, 1; oil, not elsewhere specified, 1; paints, 1; paving and paving materials, 2; printing and publishing, book and job, 2; shirts, 1; silk and silk goods, 2; slaughtering and meat packing, wholesale, 1; steam fittings and heating apparatus, 2; surgical appliances, 1; watch and clock materials, 1; wire, 1.

ERIE.

8,389	$4,343,584	699	$183,811	251	$47,230	$1,197,411	$106,948	$64,153	$916,462	$109,848	$9,107,305	$8,796,402	$310,903	$19,053,202	1
1	310	1	300			77	10	32	35		3,441	3,430	11	6,000	2
19	8,370					2,708	2,177	12	519		17,493	16,738	755	44,930	3
258	142,336					29,938	1,000	657	28,281		239,839	237,703	2,136	466,223	4
24	14,706					2,177	1,466	302	409		12,910	12,099	811	54,688	5
16	8,983					5,434	4,931	182	321		20,009	18,933	1,076	72,205	6
18	11,696					6,554	2,331	35	4,188		32,412	31,960	452	89,673	7
26	12,816			1	245	2,493	260	166	1,867	200	30,425	29,494	931	60,125	8
81	39,771	21	3,288	1	123	5,566	2,170	824	2,572		142,612	137,490	5,122	287,734	9
255	153,947					71,912	416	952	8,525	62,019	258,934	258,387	547	568,904	10
1	1,000					465	304	49	112		2,055	1,925	130	9,500	11
22	11,592					1,430	505	225	700		11,131	10,400	731	32,211	12
137	74,859	37	11,376	1	104	23,504	15,114	318	7,672	400	95,304	93,636	1,668	308,130	13
		35	12,230			1,511	1,448		63		5,733	5,425	308	28,450	14
18	9,342	6	1,750			4,053	2,711	305	1,037		26,507	25,512	995	66,425	15
52	24,448			60	10,000	3,666	219	408	3,039		82,060	81,597	463	192,294	16
8	2,175	1	200			189	24	40	125		1,090	850	240	8,200	17
40	21,695					9,261	241	1,805	7,215		628,694	622,131	6,563	717,432	18
3,641	1,954,126			61	15,010	319,759	9,375	16,157	267,703	26,524	2,854,320	2,734,015	120,305	6,541,349	19
14	7,010					2,204	1,456	135	613		12,635	12,403	232	34,345	20
		2	599			811	766		45		1,196	1,090	106	4,700	21
115	90,440					256,959		12,585	244,374		138,092	122,975	15,117	696,745	22
3	1,500					1,319	1,084	25	210		1,375	1,170	205	8,700	23
6	2,800					2,766	2,396	40	330		17,897	17,607	290	34,975	24
297	120,526					52,388	6,300	2,196	24,897	18,995	429,781	425,126	4,655	768,549	25
32	21,900					250	250				38,820	38,820		73,000	26
		62	28,201	1	90	9,293	6,292	439	2,562		93,412	92,562	850	172,715	27
6	3,766					398	160	25	213		1,587	1,372	215	12,704	28
28	26,750					1,900	542	448	910		55,745	54,835	910	109,625	29
2	625					1,087	904		183		2,483	2,322	161	10,706	30
95	57,231					4,998	4,113	52	833		34,467	34,085	382	145,431	31
8	3,995	8	1,064	1	166	8,614	905	228	7,480		20,839	20,699	140	48,302	32
4	2,434	1	426			2,016	1,468	85	463		5,496	5,011	485	21,970	33
88	46,723					7,366	3,212	315	3,189	650	89,487	88,413	1,074	189,462	34
44	27,935	24	5,252	3	465	3,644	2,084	130	1,430		28,180	26,819	1,361	108,904	35
104	66,062	27	6,910			13,867	5,163	158	8,086	460	57,432	54,297	3,135	198,584	36
34	18,247					2,175	1,460	133	582		36,915	36,585	330	74,800	37
11	6,146					2,047	1,676	65	306		10,392	10,136	256	28,600	38
2	1,200					722	637		85		918	888	30	4,400	39
19	10,046					1,487	872	133	482		16,634	16,319	315	44,500	40
80	43,468	1	260	9	1,326	19,289	1,618	202	17,469		61,878	61,364	514	155,705	41
18	11,933	1	220			7,165	5,211	142	1,812		11,060	10,420	640	55,608	42
2,767	1,280,675	472	111,735	113	19,701	303,949	13,676	24,148	265,525	600	3,475,615	3,339,359	136,256	6,495,699	43

and wool hats, 1; house furnishing goods, not elsewhere specified, 1; ice, manufactured, 1; iron and steel, forgings, 1; ironwork, architectural and ornamental, 1; leather, tanned, curried, and finished, 2; lime and cement, 1; lithographing and engraving, 1; marble and stone work, 2; mattresses and spring beds, 1; mineral and soda waters, 2; mucilage and paste, 1; musical instruments, organs and materials, 2; musical instruments, pianos and materials, 2; paper and wood pulp, 2; paving and paving materials, 2; photolithographing and photoengraving, 1; pickles, preserves, and sauces, 1; plastering and stuccowork, 2; plumbers' supplies, 1; pumps, not including steam pumps, 2; regalia and society banners and emblems, 1; rubber and elastic goods, 1; ship and boat building, wooden, 1; show cases, 1; slaughtering, wholesale, not including meat packing, 2; springs, steel, car and carriage, 1; stereotyping and electrotyping, 1; tools, not elsewhere specified, 1; typewriter repairing, 1; washing machines and clothes wringers, 1.

TABLE 8.—MANUFACTURES IN CITIES

HARRISBURG.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	446	$8,749,516	$941,464	$1,316,977	$2,177,204	$4,313,871	464	404	$391,086	7,362	$2,949,544
2	Bicycle and tricycle repairing	7	16,910		500	3,750	12,660	6			11	5,573
3	Blacksmithing and wheelwrighting	18	7,945	1,700	3,465	1,700	1,080	20			12	5,099
4	Boots and shoes, custom work and repairing.	29	6,009	1,690	1,855	1,792	672	29			4	1,747
5	Boots and shoes, factory product	5	642,196	19,200	57,472	86,968	478,556	5	75	58,441	713	179,401
6	Bottling	4	47,815	1,500	2,300	14,500	29,515	5	1	780	17	7,980
7	Bread and other bakery products	44	92,060	23,550	46,000	10,910	11,600	48	2	936	75	35,745
8	Brick and tile	3	270,028	30,458	80,500	76,672	82,403	4	7	5,240	123	38,749
9	Carpentering	17	41,566	4,250	7,600	3,885	25,831	22			88	48,755
10	Carriages and wagons	8	85,220	22,500	29,350	8,983	24,387	7	5	4,620	45	21,653
11	Clothing, men's, custom work and repairing.	32	96,234	20,550	22,200	3,480	50,004	34	2	1,174	110	46,065
12	Clothing, women's, dressmaking	5	4,050	1,200	1,000	625	1,225	5			14	3,082
13	Confectionery	17	43,881	1,350	3,250	19,655	19,626	21	1	240	127	26,161
14	Dyeing and cleaning	3	13,390	6,000	4,800	2,090	500	3	1	216	7	2,380
15	Foundry and machine shop products	6	1,271,225	161,878	223,259	340,715	545,373	4	42	56,376	579	260,600
16	Furniture, cabinetmaking, repairing, and upholstering.	11	9,840	900	300	915	7,725	12	1	312	13	4,773
17	Iron and steel	7	3,065,702	409,000	415,000	521,968	1,719,734		74	101,276	1,701	821,547
18	Liquors, malt	3	260,725	65,000	81,000	54,600	60,125	3	4	2,365	32	20,882
19	Looking-glass and picture frames	6	10,075	700	900	975	7,500	7			6	1,804
20	Lumber, planing mill products, including sash, doors, and blinds.	4	128,720	17,020	29,600	28,600	53,500	3	6	4,750	82	41,814
21	Marble and stone work	3	7,850		350	2,475	5,025	5			24	13,254
22	Masonry, brick and stone	4	36,800	1,150	2,500	2,150	31,000	5			64	35,100
23	Millinery, custom work	9	20,095			650	19,445	12	7	2,496	41	12,516
24	Painting, house, sign, etc	19	17,055	1,850	2,350	4,197	8,658	19	1	234	36	33,462
25	Paper hanging	3	9,100	300	400	1,375	7,025	3	2	468	14	6,950
26	Patent medicines and compounds	5	23,133	300	500	1,683	20,650	5	1	1,000	5	2,360
27	Photography	5	10,500		700	5,800	4,000	5	3	566	13	4,900
28	Plumbing, and gas and steam fitting	32	81,580	7,700	8,635	19,540	45,705	34	11	6,249	117	47,709
29	Printing and publishing, book and job	14	219,921	13,000	23,000	141,189	42,732	16	9	8,009	198	89,891
30	Printing and publishing, newspapers and periodicals.	5	398,639	28,500	27,000	217,999	125,140	1	25	27,543	145	70,201
31	Roofing and roofing materials	5	8,650	200	1,000	1,600	5,850	6			18	8,770
32	Saddlery and harness	7	8,820			745	8,075	7			9	3,950
33	Tinsmithing, coppersmithing, and sheet-iron working.	13	32,165	4,650	4,500	5,875	17,140	15	5	2,908	47	17,548
34	Tobacco, cigars and cigarettes	25	89,351	7,200	12,400	5,905	63,846	28	9	4,251	609	131,800
35	Watch, clock, and jewelry repairing	13	14,065	1,000	500	5,130	7,435	14			18	8,364
36	All other industries[1]	55	1,658,201	87,173	222,791	578,108	770,129	51	110	100,636	2,195	888,959

[1] Embraces awnings, tents, and sails, 2; baking and yeast powders, 1; baskets, and rattan and willow ware, 1; bookbinding and blank book making, 2; boxes, cigar, 1; boxes, fancy and paper, 2; brass castings and brass finishing, 1; brooms and brushes, 2; carpets, rag, 2; cars and general shop construction and repairs by steam railroad companies, 2; cars and general shop construction and repairs by street railroad companies, 1; clothing, men's, factory product, 1; clothing, women's, factory product, 1; coffee and spice, roasting and grinding, 1; coffins, burial cases, and undertakers' goods, 1; electrical construction and repairs, 2; electroplating, 2;

JOHNSTOWN.

1	All industries	248	$16,940,450	$929,865	$3,065,682	$6,944,427	$6,000,476	316	394	$449,133	6,116	$3,218,189
2	Blacksmithing and wheelwrighting	9	7,155	1,800	2,240	1,800	1,315	12			12	7,215
3	Boots and shoes, custom work and repairing.	17	1,940		395	1,055	490	18			1	416
4	Bread and other bakery products	11	31,651	8,500	12,700	5,371	5,080	13			35	16,944
5	Carpentering	24	188,840	24,950	16,725	36,965	110,200	36	12	6,300	181	90,709
6	Carriages and wagons	3	5,800		1,000	1,900	2,900	4			9	4,634
7	Clothing, men's, custom work and repairing.	14	11,250	1,100	1,800	1,725	6,625	14			35	13,888
8	Clothing, women's, dressmaking	5	475			435	40	5			5	1,081
9	Confectionery	7	13,100	2,000	1,800	5,100	4,200	8	2	820	8	3,822
10	Foundry and machine shop products	5	2,526,591	223,775	249,112	1,135,416	918,288	6	90	100,231	663	396,780
11	Furniture, cabinetmaking, repairing, and upholstering.	5	2,157			1,555	602	8			3	1,686
12	Iron and steel	4	11,882,627	514,000	2,291,339	4,821,444	4,255,844		219	290,056	3,871	2,100,145
13	Liquors, malt	4	524,795	53,100	178,280	143,457	149,958	3	12	12,199	69	41,920
14	Masonry, brick and stone	11	10,910	700	500	1,810	7,900	16			52	26,083
15	Millinery, custom work	8	30,010	4,000	6,000	380	19,630	9	3	754	28	7,953
16	Mineral and soda waters	3	6,400	2,000	1,100	2,400	900	4			4	708
17	Monuments and tombstones	3	11,350	600	400	700	9,650	3			6	2,833
18	Painting, house, sign, etc	17	23,570	3,100	5,880	2,010	12,580	19			49	27,920
19	Photography	8	7,150		10	5,650	1,490	8			6	1,227
20	Plastering and stuccowork	3	3,470			270	3,200	5			7	4,400
21	Plumbing, and gas and steam fitting	10	66,050	2,500	750	2,925	59,875	12	5	3,132	43	20,584
22	Pottery, terra cotta, and fire-clay products.	3	345,626	25,500	145,600	89,912	84,614	13	12	10,346	611	260,999
23	Printing and publishing, book and job	5	14,500			10,700	3,800	6			16	3,327
24	Printing and publishing, newspapers and periodicals.	5	131,222	6,000	20,300	59,500	45,422	6	1	1,000	58	26,804

BY SPECIFIED INDUSTRIES: 1900—Continued.

HARRISBURG.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
5,435	$2,593,264	1,812	$342,986	115	$13,294	$646,950	$141,425	$24,365	$380,105	$101,055	$9,402,516	$8,992,718	$409,798	$16,064,597	1
11	5,573					2,499	1,252	19	1,228		29,143	28,809	334	51,960	2
11	4,839			1	260	857	742	76	39		5,178	4,801	377	22,280	3
4	1,747					1,396	1,331	34	31		7,319	6,999	320	23,348	4
326	108,184	358	68,964	29	2,253	20,864	478	558	19,828		465,838	463,119	2,719	748,798	5
17	7,980					2,713	1,380	226	1,107		35,663	34,973	690	62,620	6
63	33,161	6	1,692	6	892	6,915	4,187	933	1,795		116,052	111,420	4,632	225,713	7
122	38,541			1	208	6,194	2,000	694	3,500		18,661	3,031	15,630	87,667	8
88	48,755					41,646	690	120	1,045	39,791	114,364	114,170	194	260,575	9
45	21,653					2,093	75	646	1,372		24,698	23,877	821	62,708	10
69	36,627	38	9,113	3	325	6,339	4,496	671	1,172		56,836	55,890	946	147,732	11
1	320	13	2,762			722	664	18	40		4,093	3,929	164	11,493	12
57	19,519	66	6,133	4	509	6,856	5,456	156	1,244		98,521	96,455	2,066	164,701	13
4	1,755	3	625			406		131	275		812	680	132	9,500	14
564	257,157	9	2,377	6	1,066	48,174	744	2,456	44,974		373,529	362,546	10,983	840,914	15
10	4,445			3	328	1,660	1,258	25	377		8,332	8,237	95	22,293	16
1,701	821,547					105,728	43,620	8,684	53,424		5,050,689	4,718,058	332,631	7,602,404	17
32	20,882					70,362		1,924	68,438		41,819	38,699	3,120	186,030	18
4	1,534	2	270			1,095	1,036	28	31		4,553	4,433	120	12,050	19
82	41,814					3,960	1,422	708	1,830		83,782	82,147	1,635	150,875	20
23	13,072			1	182	615	390	5	120	100	10,082	10,007	75	29,550	21
64	35,100					18,744	295	54	195	18,200	129,600	129,575	25	217,600	22
		41	12,516			5,796	3,984	91	1,721		56,195	55,910	285	90,700	23
83	32,838			3	624	1,948	1,152	71	725		20,254	20,022	232	76,600	24
14	6,950					297	216	19	62		9,170	9,115	55	20,750	25
3	2,000	2	360			1,610	328	25	1,257		9,455	9,364	91	20,080	26
9	3,920	3	876	1	104	3,080	2,585	45	450		10,108	9,986	122	29,409	27
114	47,345			3	364	5,588	3,236	188	1,939	225	89,851	89,093	758	220,392	28
130	75,003	66	14,628	2	260	24,047	3,498	270	11,271	9,008	57,336	53,887	3,449	210,155	29
130	66,003	13	3,886	2	312	17,340	4,710	886	11,696	48	56,093	51,274	4,819	236,126	30
18	8,770					248	208	17	23		24,088	24,001	87	41,150	31
9	3,950					1,289	1,213	3	73		10,364	10,264	100	20,880	32
47	17,548					2,016	1,382	100	534		36,122	35,770	352	72,659	33
98	34,593	508	96,894	3	313	80,751	3,755	230	76,716		269,035	266,358	2,677	536,013	34
18	8,364					2,745	1,528	44	1,173		5,750	5,438	312	31,200	35
1,464	761,775	684	121,890	47	5,294	150,357	42,114	4,160	70,400	33,683	2,069,131	2,050,381	18,750	3,517,672	36

fertilizers, 1; food preparations, 1; furnishing goods, men's, 2; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; hand stamps, 1; hosiery and knit goods, 1; ice, manufactured, 1; lock and gun smithing, 2; mattresses and spring beds, 1; mineral and soda waters, 2; models and patterns, 1; monuments and tombstones, 2; paving and paving materials, 2; pottery, terra cotta, and fire-clay products, 1; shirts, 2; silk and silk goods, 1; slaughtering and meat packing, wholesale, 2; soap and candles, 1; tin and terne plate, 1; typewriters and supplies, 1; umbrellas and canes, 1; wheelbarrows, 1.

JOHNSTOWN.

5,918	$3,166,356	98	$26,129	100	$20,704	$1,922,080	$245,423	$62,923	$1,543,800	$69,934	$14,445,126	$13,066,883	$1,378,243	$22,559,890	1
12	7,215					723	618	40	65		7,226	7,062	164	23,388	2
1	416					1,166	1,026	6	134		3,201	3,201		12,903	3
28	15,976	3	412	4	556	3,678	922	276	2,480		39,729	38,814	915	78,577	4
181	90,709					75,844	2,475	898	4,490	67,981	214,631	213,049	1,582	465,609	5
9	4,634					902	418	4	380	100	8,544	8,244	300	20,760	6
24	11,266	11	2,622			4,240	2,377	31	1,507	325	17,658	17,618	40	46,116	7
		4	961	1	120	512	452		60		535	535		4,280	8
6	3,414	1	308	1	100	1,736	924	67	745		19,039	18,486	553	35,496	9
634	337,992	8	2,847	21	5,941	66,890	459	5,294	61,137		1,140,123	1,105,458	34,665	1,960,255	10
3	1,686					357	327		30		3,953	3,947	6	8,834	11
3,850	2,095,049			21	5,096	1,521,707	220,168	48,867	1,252,672		12,216,364	10,928,725	1,287,639	17,834,705	12
62	40,646	3	430	4	844	156,361		3,248	153,113		88,235	84,204	4,031	394,972	13
52	26,083					1,818		243	735	840	43,053	43,053		85,671	14
		27	7,849	1	104	3,422	2,289	50	1,083		43,101	43,081	20	68,828	15
1	300			3	408	371	70	27	274		570	570		3,820	16
6	2,833					631	370	10	251		6,840	6,840		13,380	17
49	27,920					1,280	445	268	567		19,513	19,493	20	64,338	18
2	595	2	328	2	304	1,516	1,267		249		3,373	3,373		14,173	19
7	4,400					502	167	75	260		5,432	5,400	32	14,317	20
41	20,244			2	340	5,936	2,121	231	3,584		69,085	68,860	225	110,633	21
605	258,519	1	480	5	2,000	7,422		1,311	6,111		137,142	105,437	31,705	459,202	22
5	1,718	4	721	7	888	1,123	726		367	30	7,117	6,821	296	19,497	23
58	25,651	4	1,075	1	78	14,231	989	390	12,218	634	10,038	9,011	1,027	74,199	24

TABLE 8.—MANUFACTURES IN CITIES

JOHNSTOWN—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
25	Saddlery and harness	5	$18,275	$2,000	$2,350	$3,113	$10,812	5	2	$600	13	$5,131
26	Tinsmithing, coppersmithing, and sheet-iron working.	14	30,465	5,100	4,190	4,220	16,955	19	-------	-------	33	18,345
27	Watch, clock, and jewelry repairing	11	6,450	500	1,000	2,175	2,775	13	-------	-------	9	5,281
28	All other industries[1]	34	1,038,621	48,640	122,211	602,439	265,331	51	36	23,695	289	122,354

[1] Embraces awnings, tents, and sails, 1; bicycle and tricycle repairing, 2; brick and tile, 1; brooms and brushes, 1; carpets, rag, 1; clothing, men's, factory product, 1; dyeing and cleaning, 1; enameling and enameled goods, 1; flouring and grist mill products, 1; furniture, factory product, 1; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; ice, manufactured, 1; lock and gun smithing, 2; looking-glass and picture frames, 2; lumber, planing mill

LANCASTER.

1	All industries	738	$10,803,464	$772,515	$1,901,955	$3,132,296	$4,996,698	855	427	$398,934	9,349	$3,323,748
2	Bicycle and tricycle repairing	10	7,170	100	100	2,715	4,255	13	1	500	13	3,983
3	Blacksmithing and wheelwrighting	27	20,485	7,570	5,040	3,245	4,630	32	-------	-------	19	9,632
4	Boots and shoes, custom work and repairing.	30	10,267	1,950	2,200	3,330	2,787	29	-------	-------	13	4,562
5	Bottling	11	54,800	9,350	15,000	24,500	5,950	15	1	600	34	14,092
6	Boxes, cigar	6	95,445	5,100	11,700	34,945	43,700	5	9	5,816	197	47,911
7	Boxes, wooden packing	3	7,985	3,500	2,300	135	2,050	4	1	800	8	2,220
8	Bread and other bakery products	45	75,344	17,650	37,700	6,615	13,379	49	3	2,107	97	40,391
9	Brick and tile	3	66,660	20,600	14,800	10,010	21,250	4	-------	-------	69	22,970
10	Brooms and brushes	3	1,355	150	350	270	585	4	-------	-------	3	820
11	Carpentering	41	126,895	16,775	31,000	7,805	71,315	42	10	6,013	234	124,148
12	Carpets, rag	5	21,625	4,100	5,900	3,525	8,100	9	3	1,580	22	7,266
13	Carriage and wagon materials	7	113,978	22,200	34,550	28,500	28,728	8	4	2,400	50	22,947
14	Carriages and wagons	12	372,746	43,015	55,100	62,513	212,118	13	22	11,201	275	131,336
15	Clothing, men's, custom work and repairing.	23	116,615	34,300	23,375	5,400	53,540	28	9	7,500	145	62,768
16	Clothing, women's, dressmaking	99	23,745	2,625	5,250	7,145	8,725	104	-------	-------	136	31,707
17	Coffee and spice, roasting and grinding	3	7,800	500	300	5,700	1,300	3	-------	-------	3	1,091
18	Confectionery	25	922,216	29,750	244,450	290,350	357,666	27	16	31,864	712	148,716
19	Dyeing and cleaning	4	975	100	400	320	155	4	-------	-------	1	300
20	Foundry and machine shop products	19	445,087	54,350	89,350	140,590	160,797	16	33	25,603	232	92,955
21	Furniture, cabinetmaking, repairing, and upholstering.	15	71,413	9,800	24,700	2,018	34,895	16	-------	-------	23	9,970
22	Hardware	3	61,850	10,000	10,000	13,550	28,300	3	4	2,450	78	30,250
23	Leather, tanned, curried, and finished	3	180,575	17,000	23,500	18,000	122,075	3	9	10,050	85	32,900
24	Liquors, malt	4	645,600	30,000	274,000	214,600	127,000	6	11	13,500	65	32,764
25	Lock and gun smithing	4	166,570	21,000	32,000	38,400	75,170	5	6	4,700	204	89,500
26	Lumber, planing mill products, including sash, doors, and blinds.	3	139,500	16,000	40,000	19,500	64,000	3	7	4,048	75	41,826
27	Marble and stone work	4	23,950	300	200	11,650	11,800	6	1	1,000	15	9,300
28	Masonry, brick and stone	16	94,565	2,300	5,750	52,270	34,245	29	6	4,812	232	98,280
29	Millinery, custom work	18	92,756	33,300	21,400	2,356	35,700	23	1	750	63	19,729
30	Monuments and tombstones	5	14,660	325	175	2,660	11,500	6	-------	-------	14	7,080
31	Painting, house, sign, etc	35	22,170	2,250	5,550	5,233	9,137	44	1	700	114	55,221
32	Paints	3	48,175	3,500	5,500	7,876	31,299	5	5	3,830	12	4,800
33	Paper hanging	5	7,780	-------	-------	480	7,300	5	-------	-------	13	6,001
34	Paving and paving materials	11	21,955	7,300	1,750	7,475	5,430	13	7	3,365	156	58,642
35	Photography	9	20,050	1,500	2,000	14,350	2,200	10	1	416	10	4,736
36	Plastering and stuccowork	7	1,460	-------	-------	140	1,320	10	-------	-------	18	9,130
37	Plumbing, and gas and steam fitting	16	49,305	3,000	6,900	7,550	31,855	21	2	1,092	56	25,168
38	Printing and publishing, book and job	9	149,110	27,250	21,300	76,474	24,086	9	3	3,500	71	31,265
39	Printing and publishing, newspapers and periodicals.	8	365,150	40,000	65,000	170,300	89,850	11	19	12,516	201	91,901
40	Roofing and roofing materials	3	5,825	1,000	500	1,025	3,300	5	-------	-------	5	2,680
41	Saddlery and harness	10	59,587	4,100	5,100	13,170	37,217	11	8	4,416	57	20,710
42	Tinsmithing, coppersmithing, and sheet-iron working.	11	82,050	11,800	28,300	19,950	22,000	13	9	4,960	70	28,404
43	Tobacco, cigars and cigarettes	69	1,063,230	30,005	155,235	94,488	783,502	84	61	79,183	1,765	692,322
44	Tools, not elsewhere specified	5	71,200	12,600	7,500	41,700	9,400	6	-------	-------	25	13,574
45	Umbrellas and canes	6	629,500	20,000	40,000	83,000	486,500	10	47	39,872	1,187	328,255
46	Watch, clock, and jewelry repairing	17	75,710	5,000	800	33,560	36,350	19	1	550	39	20,643
47	All other industries[1]	63	4,148,575	189,500	545,930	1,542,908	1,870,237	68	106	107,240	2,432	788,882

[1] Embraces awnings, tents, and sails, 1; bags, paper, 1; bookbinding and blank book making, 2; boots and shoes, factory product, 2; boxes, fancy and paper, 1; chocolate and cocoa products, 1; coffins, burial cases, and undertakers' goods, 1; combs, 1; cooperage, 1; cork, cutting, 2; cotton goods, 1; druggists' preparations, not including prescriptions, 1; electrical apparatus and supplies, 1; electrical construction and repairs, 1; electroplating, 1; emery wheels, 1; engraving and diesinking, 2; engraving, wood, 1; fancy articles, not elsewhere specified, 1; fertilizers, 1; files, 1; flouring and grist mill products, 2; furniture, factory product, 1; gas, illuminating and heating, 1; glue, 2; hand stamps, 1; ice, manufactured, 1; iron and steel, 1; ironwork, architectural and ornamental, 2; jewelry, 1; kaolin

McKEESPORT.

1	All industries	180	$17,876,016	$2,066,593	$3,106,296	$6,178,573	$6,524,554	199	523	$497,822	7,605	$4,370,381
2	Bicycle and tricycle repairing	4	16,250	-------	2,800	1,825	11,625	5	-------	-------	4	1,662
3	Blacksmithing and wheelwrighting	11	12,026	4,400	2,550	1,653	3,423	13	-------	-------	5	3,275
4	Boots and shoes, custom work and repairing.	11	2,738	-------	-------	1,105	1,633	11	-------	-------	3	940
5	Bottling	10	137,190	7,063	7,600	26,650	95,877	10	7	4,036	42	21,638
6	Bread and other bakery products	7	43,455	17,500	15,900	3,680	6,375	8	2	682	17	11,609

BY SPECIFIED INDUSTRIES: 1900—Continued.

JOHNSTOWN—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
7	$3,883	5	$1,248			$836	$238	$66	$532		$18,851	$18,681	$170	$30,724	25
28	16,315	4	1,940	1	$90	2,046	1,137	131	754	$24	29,664	29,529	135	68,013	26
7	4,835	1	280	1	166	1,777	1,374	75	328		3,888	3,868	20	17,507	27
245	114,057	19	4,628	25	3,669	45,053	4,064	1,315	39,674		288,221	273,523	14,698	629,693	28

products, including sash, doors, and blinds, 1; mattresses and spring beds, 1; paints, 1; paper hanging, 2; paving and paving materials, 2; roofing and roofing materials, 2; soap and candles, 1; steam fittings and heating apparatus, 1; tin and terne plate, 1; tobacco, cigars and cigarettes, 1; tools, not elsewhere specified, 1; window shades, 2.

LANCASTER.

5,585	$2,416,060	2,954	$774,801	810	$132,887	$1,193,997	$74,312	$33,164	$924,791	$161,730	$8,342,709	$8,187,475	$155,234	$16,370,281	1
10	3,643			3	840	1,832	1,252	5	350	225	7,451	7,156	295	21,398	2
19	9,632					1,779	1,493	191	95		7,523	7,077	446	42,304	3
13	4,562					2,592	2,402	58	132		9,946	9,547	399	30,895	4
34	14,092					2,106	1,052	229	825		63,733	63,391	342	125,097	5
81	25,740	90	19,844	26	2,327	1,619	640	429	550		136,392	134,911	1,481	222,131	6
8	2,220					1,044	600	19	425		60,060	60,035	25	68,090	7
92	39,377	4	910	1	104	5,762	2,571	871	2,320		108,597	103,538	5,059	219,177	8
69	22,970					3,741		341	3,400		10,702	202	10,500	52,275	9
1	300	1	260	1	260	158	144	4	10		1,798	1,780	18	5,004	10
234	124,148					121,939	885	802	2,017	118,235	441,106	440,223	883	786,369	11
17	6,074	5	1,192			1,065	450	190	425		12,818	12,472	346	32,480	12
50	22,947					1,781	174	507	1,100		46,341	45,287	1,054	99,775	13
274	131,070	1	266			14,221	2,050	876	11,295		157,055	154,903	2,152	408,173	14
117	56,619	27	6,019	1	130	6,862	3,637	757	2,318	150	94,996	93,999	997	237,434	15
		136	31,707			5,284	4,985	115	184		44,141	42,434	1,707	136,999	16
3	1,091					211	186	8	17		5,000	4,670	330	8,290	17
173	58,368	276	50,288	263	40,060	46,221	2,847	2,638	40,736		515,921	503,064	12,857	885,446	18
1	300					731	426	7	28	270	359	302	57	3,264	19
230	92,678			2	277	12,894	2,074	1,418	9,077	325	153,396	146,278	7,118	362,394	20
23	9,970					1,723	971	349	403		12,023	11,660	363	34,955	21
71	27,250	7	3,000			1,913	198	315	1,400		63,377	62,475	902	132,000	22
85	32,900					2,404		904	1,500		240,923	237,423	3,500	396,021	23
65	32,764					147,328	1,200	1,480	144,648		101,356	83,790	17,566	358,247	24
174	85,000			30	4,500	3,925	140	500	3,285		81,383	77,365	4,018	248,100	25
75	41,826					2,136		481	1,655		52,359	49,971	2,388	115,450	26
15	9,300					4,071	276	50	445	3,300	31,059	30,641	418	54,290	27
232	98,280					4,973	167	103	803	3,900	546,155	545,683	472	694,573	28
		62	19,651	1	78	8,024	4,571	560	2,793	100	77,054	76,306	748	132,903	29
14	7,080					1,376	990	5	381		23,263	23,233	30	44,563	30
113	54,921			1	300	3,117	2,392	151	574		29,166	28,958	208	122,306	31
12	4,800					3,280	600	180	2,500		68,575	67,475	1,100	97,950	32
13	6,001					1,085	798	1	286		6,363	6,336	27	18,150	33
153	58,138			3	504	1,204	542	61	601		91,953	91,783	170	198,800	34
8	4,554			2	182	2,730	1,740	275	715		8,350	8,141	209	26,375	35
18	9,130					40	40				4,849	4,849		19,398	36
55	25,012			1	156	1,690	1,281	93	316		49,520	49,010	510	104,698	37
58	28,523	11	2,486	2	256	5,914	1,333	584	3,934	63	17,546	16,683	863	73,075	38
196	90,957	3	610	2	334	18,366	2,650	1,021	14,515	180	63,649	60,770	2,879	239,260	39
6	2,680					190	50	20	120		12,940	12,900	40	20,185	40
55	20,246			2	464	2,018	1,399	112	507		47,700	45,422	2,278	111,233	41
69	28,250			1	154	3,267	330	739	2,098	100	72,741	72,243	498	124,630	42
826	392,940	804	269,319	135	30,063	514,348	9,765	1,531	503,052		951,782	942,683	9,099	2,557,787	43
25	13,574					1,867	520	110	1,237		12,495	11,972	523	44,840	44
411	148,950	630	153,605	146	25,700	57,912	3,450	1,497	52,965		1,552,110	1,548,030	4,080	2,694,200	45
37	20,414			2	229	6,431	3,672	182	2,577		31,168	30,727	441	93,819	46
1,350	546,769	897	215,644	185	26,469	160,823	7,369	12,395	106,177	34,882	2,215,515	2,159,677	55,838	3,865,478	47

and other earth grinding, 1; looking-glass and picture frames, 2; mattresses and spring beds, 1; millinery and lace goods, 1; models and patterns, 1; paper goods, not elsewhere specified, 1; patent medicines and compounds, 2; perfumery and cosmetics, 1; pottery, terra cotta, and fire-clay products, 2; sewing machine repairing, 1; shirts, 2; silk and silk goods, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 1; sporting goods, 1; surgical appliances, 1; tobacco, chewing, smoking, and snuff, 2; tobacco, stemming and rehandling, 1; watches, 1; window shades, 1; wirework, including wire rope and cable, 1.

McKEESPORT.

7,331	$4,302,201	96	$24,269	178	$43,911	$428,226	$29,594	$37,797	$300,886	$59,949	$22,309,161	$21,007,172	$1,301,989	$37,074,136	1
3	1,494			1	168	763	397	40	326		2,737	2,614	123	7,701	2
5	3,275					1,115	855	108	152		3,926	3,658	268	19,348	3
2	784			1	156	1,183	1,046	19	118		2,689	2,680	9	9,567	4
42	21,638					20,376	4,320	733	15,323		230,564	230,176	388	329,083	5
15	11,033	1	288	1	288	4,416	1,020	499	2,897		37,405	36,395	1,010	65,909	6

TABLE 8.—MANUFACTURES IN CITIES

McKEESPORT—Continued.

	Manufacturing and mechanical industries.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
7	Brick and tile	4	$57,500	$5,400	$15,000	$14,800	$22,300	7	5	$1,275	47	$21,604
8	Clothing, men's, custom work and repairing.	17	44,490	2,000	2,000	1,930	38,560	21	3	1,475	53	30,572
9	Clothing, women's, dressmaking	6	1,623			563	1,060	9			5	936
10	Foundry and machine shop products	5	38,987	2,400	5,000	15,345	16,242	6	3	3,922	36	14,985
11	Iron and steel	7	14,109,342	1,791,335	2,628,420	4,496,897	5,192,690		427	431,581	6,753	3,937,803
12	Lumber, planing mill products, including sash, doors, and blinds.	6	145,000	30,250	12,800	12,050	89,900	8	3	800	53	33,904
13	Millinery, custom work	7	31,710	4,000	2,250	2,470	22,990	10	2	1,700	23	7,498
14	Painting, house, sign, etc	3	2,150			700	1,450	4			9	6,024
15	Photography	9	9,810		200	2,975	6,635	10	16	9,560	5	3,266
16	Plumbing, and gas and steam fitting	9	35,936	6,600	1,900	2,050	25,386	12	3	1,286	40	22,040
17	Printing and publishing, newspapers and periodicals.	6	107,886	16,500	28,800	46,400	16,186	4	8	6,507	63	34,949
18	Roofing and roofing materials	3	9,000		150	1,650	7,200	3			13	8,091
19	Saddlery and harness	3	6,920			660	6,260	3			5	3,016
20	Tinsmithing, coppersmithing, and sheet-iron working.	5	24,806	7,000	3,950	2,175	11,681	6			12	9,402
21	Tobacco, cigars and cigarettes	11	6,667	300	1,100	925	4,342	11			20	3,716
22	Watch, clock, and jewelry repairing	8	9,829	500	800	1,584	6,945	8	1	130	7	4,903
23	All other industries[1]	28	3,022,701	171,345	375,076	1,540,486	935,794	30	43	34,868	390	188,548

[1] Embraces awnings, tents, and sails, 1; bookbinding and blank book making, 1; brass castings and brass finishing, 1; carriages and wagons, 2; confectionery, 1; dyeing and cleaning, 1; electrical construction and repairs, 1; furniture, cabinetmaking, repairing, and upholstering, 2; gas, illuminating and heating, 1; ice, manufactured, 1; iron and steel, pipe, wrought, 1; ironwork, architectural and ornamental, 1; liquors, distilled, 1; liquors, malt, 1; lock and gun smithing, 1;

NEWCASTLE.

1	All industries	216	$13,308,220	$722,356	$2,287,442	$6,934,933	$3,363,489	252	198	$243,689	4,992	$3,226,669
2	Blacksmithing and wheelwrighting	18	18,000	4,300	3,100	3,070	7,530	20			11	6,463
3	Boots and shoes, custom work and repairing.	9	2,915	800	1,200	640	275	9			1	475
4	Bread and other bakery products	6	13,848	5,000	4,500	2,350	1,998	6	1	156	22	12,422
5	Carpentering	10	90,350	7,200	4,300	7,850	71,000	16	3	1,420	144	80,695
6	Clothing, men's, custom work and repairing.	16	36,020	700	400	2,030	32,890	21	1	480	81	44,595
7	Clothing, women's, dressmaking	8	1,265			730	535	9			18	3,467
8	Confectionery	5	35,135	5,000	8,000	8,280	13,855	8	8	3,150	20	5,734
9	Dyeing and cleaning	4	8,650	2,900	3,700	1,750	300	4			5	1,860
10	Foundry and machine shop products	6	620,319	54,400	124,325	253,176	188,418	10	16	13,618	312	176,190
11	Furniture, cabinetmaking, repairing, and upholstering.	3	8,934	3,000	1,500	1,450	2,984	3	2	700	18	5,902
12	Iron and steel	10	9,042,734	414,000	1,355,000	5,246,511	2,027,223		91	148,114	3,320	2,226,335
13	Lumber, planing mill products, including sash, doors, and blinds.	7	145,182	13,500	11,945	17,686	102,051	14	8	6,312	71	35,103
14	Marble and stone work	3	8,325	1,350	1,050	725	5,200	5			5	3,750
15	Millinery, custom work	11	37,660	7,900	5,300	660	23,800	15			35	11,676
16	Mineral and soda waters	3	12,250	1,500	4,850	3,500	2,400	3			6	3,120
17	Painting, house, sign, etc	12	3,880	850	700	757	1,573	15			13	8,200
18	Paving and paving materials	3	88,825	21,000	12,000	28,125	27,700	3	5	5,064	42	22,350
19	Photography	3	9,900	4,700	1,900	2,250	1,050	3			3	2,284
20	Plumbing, and gas and steam fitting	9	57,067	10,000	3,000	5,108	38,959	14	5	1,259	44	28,682
21	Printing and publishing, book and job	3	18,950			15,100	3,850	6	1	150	8	3,150
22	Printing and publishing, newspapers and periodicals.	4	87,298			45,300	41,998	1	3	4,300	48	22,408
23	Roofing and roofing materials	4	11,700	600	800	1,925	8,375	5			16	7,530
24	Saddlery and harness	5	14,775	3,000	3,000	975	7,800	6			4	2,244
25	Tinsmithing, coppersmithing, and sheet-iron working.	5	5,050			1,250	3,800	7			13	6,700
26	Tobacco, cigars and cigarettes	4	3,590			215	3,375	4			11	4,699
27	Watch, clock, and jewelry repairing	11	14,770			4,825	9,945	14			10	5,178
28	All other industries[1]	34	2,910,828	160,656	736,872	1,278,695	734,605	31	54	58,966	711	495,457

[1] Embraces awnings, tents, and sails, 1; bicycle and tricycle repairing, 2; bookbinding and blank book making, 1; bottling, 2; brick and tile, 1; carpets, rag, 1; carriage and wagon materials, 1; carriages and wagons, 1; cooperage, 1; electrical construction and repairs, 1; fireworks, 1; flouring and grist mill products, 2; gas, illuminating and heating, 1; glass, 1; ice, manufactured, 1; iron and steel, pipe, wrought, 1; liquors, malt, 2; lock and gun smithing, 1; masonry, brick and

NORRISTOWN.

1	All industries	210	$4,069,449	$331,393	$779,690	$1,258,400	$1,699,966	227	168	$132,100	3,429	$1,168,942
2	Blacksmithing and wheelwrighting	11	13,890	2,500	4,500	3,800	3,090	12			14	6,291
3	Boots and shoes, custom work and repairing.	20	13,351	3,000	6,050	2,935	1,366	20			9	3,598
4	Bread and other bakery products	10	48,435	5,500	27,500	10,685	4,750	10	5	1,912	31	16,167
5	Carpentering	8	11,195	250	1,050	2,875	7,020	10			63	30,628

BY SPECIFIED INDUSTRIES: 1900—Continued.

McKEESPORT—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
43	$20,474			4	$1,130	$2,554	$514	$117	$1,923		$3,305	$370	$2,935	$35,261	7
37	24,763	16	$5,809			6,392	4,771	130	1,491		34,861	34,830	31	100,475	8
		5	936			982	942		40		2,889	2,889		8,565	9
36	14,985					1,954	1,200	160	594		37,431	36,198	1,233	69,774	10
6,588	3,896,538			165	41,265	209,608		29,298	180,310		20,706,228	19,439,900	1,266,328	34,339,612	11
52	33,744			1	160	62,224	100	418	3,181	$58,525	128,178	127,385	793	240,555	12
		23	7,498			4,507	3,096	141	1,270		26,254	26,254		52,669	13
9	6,024					318	216	10	92		3,532	3,525	7	13,322	14
8	2,850	2	416			2,562	1,732	36	794		7,904	7,881	23	32,818	15
40	22,040					2,370	1,071	89	1,210		37,230	36,932	298	79,028	16
60	34,272	1	469	2	208	9,616	954	364	7,208	1,090	15,635	14,985	650	80,541	17
18	8,091					1,804	440	7	1,357		12,270	12,176	94	29,180	18
5	3,016					1,441	963	18	460		11,923	11,914	9	19,868	19
12	9,402					1,123	360	145	618		13,278	13,193	85	35,419	20
4	1,058	14	2,304	2	354	9,976	1,091	65	8,820		7,257	7,249	8	22,393	21
7	4,903					1,262	834	31	397		3,679	3,679		14,832	22
355	181,817	34	6,549	1	182	81,680	3,672	5,369	72,305	334	979,986	952,289	27,697	1,468,216	23

marble and stone work, 1; mineral and soda waters, 1; monuments and tombstones, 2; patent medicines and compounds, 2; printing and publishing, book and job, 2; regalia and society banners and emblems, 1; ship and boat building, wooden, 1; tin and terne plate, 1.

NEWCASTLE.

4,754	$3,157,196	174	$53,623	64	$15,850	$491,336	$30,377	$53,691	$399,043	$8,225	$13,646,648	$12,245,897	$1,400,751	$21,046,842	1
11	6,463					1,627	1,255	163	209		10,360	9,750	610	34,780	2
1	475					544	517	9	18		2,842	2,716	126	7,687	3
20	11,952	2	470			487	196	205	86		32,202	31,144	1,058	60,553	4
144	80,695					16,539	470	243	8,326	7,500	164,396	164,126	270	344,816	5
42	31,688	38	12,782	1	125	7,022	6,013	30	979		51,164	50,600	564	133,640	6
		18	3,467			910	904		6		228	100	128	10,156	7
11	4,158	9	1,576			6,600	922	191	5,187	300	23,625	23,032	593	50,797	8
3	1,270	2	590			715	205	80	430		2,225	1,875	350	6,470	9
312	176,190					34,886		2,291	32,595		364,138	351,818	12,320	678,325	10
12	4,390	6	1,512			1,314	444	130	740		4,487	4,119	368	21,125	11
3,264	2,211,855			56	14,480	275,090		27,690	247,400		9,735,362	8,438,324	1,297,038	15,123,463	12
71	35,103					3,455	1,675	538	1,242		168,616	167,586	1,030	246,435	13
5	3,750					359	180	21	158		5,951	5,879	72	12,471	14
		35	11,676			3,119	1,710	190	1,219		44,733	43,787	946	73,000	15
5	2,780			1	340	138	25	65	48		5,330	5,275	55	19,309	16
13	8,200					948	853	37	58		9,239	9,097	142	28,925	17
42	22,350					17,238		243	16,995		85,492	82,287	3,205	144,928	18
3	2,284					581	180	77	299	25	3,354	3,232	122	10,500	19
43	28,422	1	260			2,946	1,862	229	855		63,214	62,923	291	118,473	20
7	3,000	1	150			887	763		124		5,172	5,101	71	17,929	21
41	20,258	6	2,000	1	150	2,705	1,564		1,141		15,468	14,620	848	84,390	22
16	7,530					670	466	15	189		29,694	29,547	147	45,253	23
4	2,244					670	490	128	52		7,076	6,990	86	13,362	24
13	6,700					1,075	898	8	169		14,066	13,990	76	28,250	25
7	4,279	2	320	2	100	4,728	750	38	3,940		3,776	3,712	64	15,845	26
10	5,178					4,255	3,060	85	1,110		5,827	5,427	400	20,904	27
654	475,982	54	18,820	3	655	101,828	4,975	20,985	75,468	400	2,788,611	2,708,840	79,771	3,695,056	28

stone, 2; models and patterns, 1; monuments and tombstones, 2; paper and wood pulp, 1; patent medicines and compounds, 1; shirts, 1; sugar and molasses, refining, 1; tin and terne plate, 2; wirework, including wire rope and cable, 1.

NORRISTOWN.

1,744	$742,063	1,458	$391,559	227	$35,320	$418,854	$39,878	$8,738	$362,918	$7,320	$2,467,861	$2,410,849	$57,012	$4,821,745	1
14	6,291					775	668	47	60		9,553	9,121	432	27,737	2
9	3,598					1,196	1,077	91	28		7,773	7,563	210	20,852	3
29	15,554	2	613			3,189	2,556	366	267		37,858	36,490	1,368	71,745	4
63	30,628					247	207	12	28		67,165	67,138	27	127,700	5

TABLE 8.—MANUFACTURES IN CITIES

NORRISTOWN—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
6	Clothing, men's, custom work and repairing.	9	$23,065	$1,000	$6,000	$1,140	$14,925	8	1	$350	30	$14,612
7	Clothing, women's, dressmaking	11	4,290	100	250	1,390	2,550	12			49	9,456
8	Confectionery	4	8,340			615	7,725	4			10	3,752
9	Foundry and machine shop products	9	322,601	22,504	69,050	109,000	122,047	9	14	15,276	237	115,253
10	Furniture, cabinetmaking, repairing, and upholstering.	4	3,575	300	900	925	1,450	4			3	1,678
11	Hosiery and knit goods	5	488,458	27,689	67,984	145,415	247,370	6	21	10,064	678	190,247
12	Lumber, planing mill products, including sash, doors, and blinds.	3	154,684	10,000	21,000	14,350	109,334	5	7	4,436	54	23,941
13	Masonry, brick and stone	3	1,750			700	1,050	6			22	8,420
14	Millinery, custom work	8	44,711	13,000	14,000	11	17,700	8	5	1,340	16	5,216
15	Monuments and tombstones	3	27,650	7,000	4,000	2,650	14,000	4	1	936	9	5,500
16	Painting, house, sign, etc	6	8,460	300	750	1,185	6,225	9	1	125	18	10,218
17	Photography	5	6,500			4,700	1,800	5			1	375
18	Plumbing, and gas and steam fitting	8	65,838	4,000	1,000	8,225	52,613	9	4	2,126	41	20,909
19	Printing and publishing, newspapers and periodicals.	4	189,450	27,000	55,000	86,250	21,200	2	8	5,720	53	21,078
20	Saddlery and harness	4	10,230	1,500	1,800	380	6,550	4			6	2,787
21	Tinsmithing, coppersmithing, and sheet-iron working.	5	9,000	1,000	2,200	2,000	3,800	4			9	4,670
22	Tobacco, cigars and cigarettes	10	263,480	5,700	22,500	9,025	226,255	15	9	14,516	598	168,537
23	Watch, clock, and jewelry repairing	7	5,215	300	1,200	2,575	1,140	7			9	4,026
24	Woolen goods	4	540,881	24,800	85,425	162,022	268,634	1	11	14,054	465	158,222
25	All other industries[1]	49	1,804,400	178,950	387,531	685,547	557,372	53	81	61,245	1,004	343,361

[1] Embraces belting and hose, leather, 1; bicycle and tricycle repairing, 2; bottling, 2; carpets and rugs, other than rag, 2; carpets, rag, 1; carriages and wagons, 1; coffins, burial cases, and undertakers' goods, 1; cotton goods, 1; dyeing and cleaning, 1; flouring and grist mill products, 2; fur hats, 1; gas, illuminating and heating, 1; glass, 1; hats and caps, not including fur hats and wool hats, 2; ice, manufactured, 2; ink, writing, 1; iron and steel, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; liquors, malt, 1; lock and gun smithing, 1; looking-glass and picture frames, 1; marble and stone work, 2;

PHILADELPHIA.

1	All industries	15,887	$476,529,407	$43,726,855	$64,859,709	$113,918,281	$254,024,562	18,062	19,113	$20,154,836	246,445	$111,847,076
2	Agricultural implements	3	536,731	42,500	138,963	63,418	291,850	4	49	55,956	204	111,271
3	Artificial feathers and flowers	24	544,251	42,700	33,500	49,675	418,376	34	42	52,948	873	208,869
4	Artificial limbs	6	9,710			4,055	5,655	6	1	1,300	5	2,975
5	Awnings, tents, and sails	46	152,625	900	600	30,110	121,015	50	6	5,225	190	88,471
6	Babbitt metal and solder	3	19,723			500	19,223	3	1	400	13	5,703
7	Bags, other than paper	3	41,250			9,250	32,000	6	2	2,020	29	10,425
8	Bags, paper	7	53,627			19,152	34,475	7	7	6,924	88	31,041
9	Baking and yeast powders	5	32,550	1,200	5,000	8,150	18,200	5	1	780	17	8,326
10	Baskets, and rattan and willow ware	28	22,042	2,800	2,704	1,086	15,452	29	1	520	33	11,166
11	Belting and hose, leather	5	340,055	6,000	20,570	35,448	278,037	8	15	9,225	60	35,300
12	Bicycle and tricycle repairing	191	180,812	6,750	8,535	64,037	101,490	209	19	11,081	179	78,240
13	Bicycles and tricycles	11	165,850	3,000	5,000	21,000	136,850	13	10	7,430	72	41,774
14	Billiard tables and materials	5	47,435	4,000	3,000	1,935	38,500	6	2	1,560	17	9,986
15	Blacking	10	379,204	20,000	35,688	43,125	280,391	10	57	57,674	141	48,055
16	Blacksmithing and wheelwrighting	414	776,254	225,775	185,886	118,605	245,988	456	5	4,286	706	430,138
17	Bluing	6	35,175	6,800	8,200	4,575	15,600	7			17	5,491
18	Bookbinding and blank book making	66	1,122,895	1,500	1,000	462,148	658,247	82	75	75,498	1,281	535,064
19	Boot and shoe cut stock	4	114,555			5,505	109,050	7	10	7,600	21	8,050
20	Boot and shoe uppers	13	31,380	11,950	10,150	1,915	7,365	14			25	12,538
21	Boots and shoes, custom work and repairing.	1,018	439,283	74,150	113,135	102,837	149,161	1,033	15	9,704	483	190,375
22	Boots and shoes, factory product	63	2,658,489	97,700	203,420	586,112	1,771,257	97	214	215,965	3,782	1,574,054
23	Bottling	218	1,666,976	269,900	290,044	167,259	939,773	234	72	65,435	579	304,236
24	Boxes, cigar	10	190,404	20,000	15,000	35,115	120,289	14	9	5,500	202	66,328
25	Boxes, fancy and paper	50	1,597,911	110,000	190,026	487,615	810,270	55	110	98,797	2,709	708,565
26	Boxes, wooden packing	29	663,499	89,800	108,500	146,054	319,145	33	35	27,819	582	253,718
27	Brass castings and brass finishing	33	1,805,055	188,500	191,878	358,765	1,065,912	40	95	108,712	704	345,376
28	Brassware	17	516,639	43,500	49,000	188,018	236,121	20	29	22,150	400	124,516
29	Bread and other bakery products	1,299	4,992,196	1,059,333	1,550,681	1,096,238	1,285,944	320	458	349,696	3,273	1,569,163
30	Brick and tile	37	2,448,668	541,496	590,913	417,874	898,385	49	47	53,593	1,451	678,201
31	Bridges	6	224,700	1,100	1,100	113,500	109,000	8	16	17,700	570	293,300
32	Bronze castings	3	229,692	27,000	26,000	40,200	136,492	3	18	26,468	105	67,093
33	Brooms and brushes	69	466,076	35,500	36,250	36,380	357,946	80	45	40,476	472	199,541
34	Buttons	17	376,982	21,500	27,580	140,478	187,424	26	25	26,992	626	215,566
35	Calcium lights	3	12,039			4,700	7,339	3	1	1,000	7	2,886
36	Card cutting and designing	16	99,132	3,000	2,600	40,779	52,753	21	1	520	113	54,540
37	Carpentering	731	5,048,534	331,720	376,148	456,626	3,884,040	338	210	172,775	4,337	2,747,800
38	Carpets and rugs, other than rag	88	16,866,764	916,375	2,527,255	4,774,463	8,648,671	102	296	330,155	12,190	5,092,252
39	Carpets, rag	55	149,901	22,675	51,100	18,637	57,489	63	4	2,380	227	72,531
40	Carpets, wood	4	38,699			6,050	32,649	9	10	5,430	57	24,634
41	Carriage and wagon materials	9	399,363	57,000	52,000	80,275	210,088	13	12	20,647	118	64,664

BY SPECIFIED INDUSTRIES: 1900—Continued.

NORRISTOWN—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
16	$10,920	13	$3,484	1	$208	$2,378	$1,812	$40	$526		$23,095	$22,779	$316	$50,334	6
		49	9,456			1,089	1,074	5	10		6,640	6,450	190	23,475	7
8	3,572	1	100	1	80	1,590	1,410		180		9,516	9,211	305	18,784	8
236	115,045	1	208			7,943	929	582	6,282	$150	165,055	156,812	8,243	348,328	9
2	1,314	1	364			194	167	11	16		5,270	5,145	125	10,890	10
109	43,814	464	131,409	105	15,024	29,265	700	711	27,854		456,344	453,934	2,410	793,698	11
54	23,941					3,670	600	477	2,593		39,027	39,027		91,100	12
22	8,420										1,586	1,586		16,483	13
		16	5,216			1,474	1,234	205	35		21,261	21,011	250	35,156	14
9	5,500					1,196	620	51	525		13,752	13,555	197	23,253	15
18	10,218					338	274	13	51		7,850	7,670	180	27,288	16
		1	375			592	484		108		4,208	4,100	108	7,734	17
41	20,909					3,058	2,024	46	988		72,757	72,489	268	125,230	18
48	19,486	5	1,592			5,887	1,600	424	3,863		14,119	12,479	1,640	58,961	19
6	2,787					644	512	30	102		5,717	5,670	47	11,640	20
9	4,670					502	444	42	16		5,301	5,200	101	15,033	21
128	55,487	421	105,550	49	7,500	125,356	1,500	275	123,581		225,783	224,289	1,494	562,073	22
9	4,026					719	655	21	43		1,730	1,670	60	13,600	23
253	96,243	180	56,075	32	5,904	32,451		660	31,791		385,858	376,270	9,588	690,879	24
661	259,640	304	77,117	39	6,604	195,101	19,331	4,629	163,971	7,170	880,643	851,190	29,453	1,649,772	25

mineral and soda waters, 1; oilcloth, enameled, 1; optical goods, 1; paper hanging, 2; patent medicines and compounds, 2; paving and paving materials, 1; plastering and stuccowork, 2; pottery, terra cotta, and fire-clay products, 1; printing and publishing, book and job, 1; roofing and roofing materials, 2; shirts, 1; slaughtering, wholesale, not including meat packing, 1; steam packing, 1; tobacco, chewing, smoking, and snuff, 1; wire, 1; wood, turned and carved, 1.

PHILADELPHIA.

172,011	$91,540,077	61,688	$18,151,177	12,746	$2,155,822	$55,575,685	$5,607,288	$1,222,710	$28,978,408	$19,767,279	$326,877,441	$320,684,140	$6,193,301	$603,466,526	1
204	111,271					44,329		1,486	42,843		177,453	166,573	10,880	416,930	2
84	40,135	521	137,021	268	31,713	53,790	17,508	1,018	34,264	1,000	466,724	464,350	2,374	948,763	3
5	2,975					1,599	1,075		524		4,627	4,574	53	21,747	4
119	70,435	69	17,706	2	330	20,229	12,203	46	7,980		223,762	222,573	1,189	468,926	5
13	5,703					1,199	1,130	22	47		45,509	44,914	595	63,310	6
8	4,650	21	5,775			2,446	1,924	45	477		85,220	84,970	250	130,208	7
48	22,381	40	8,660			4,826	3,272	144	1,410		111,814	111,079	735	215,240	8
17	8,326					2,395	1,450	70	875		37,525	36,723	802	70,001	9
28	10,426	1	208	4	532	3,054	2,455	101	498		24,119	24,021	98	58,678	10
58	34,940			2	360	8,109	2,930	308	4,871		299,402	297,719	1,683	427,964	11
168	76,284			11	1,956	36,164	28,951	356	5,687	1,170	138,339	134,042	4,297	407,771	12
72	41,774					20,878	5,015	103	10,760	5,000	193,603	191,398	2,205	289,900	13
17	9,986					2,185	1,068	80	1,037		24,565	24,485	80	51,837	14
46	22,117	85	24,191	10	1,747	46,674	9,652	1,144	35,878		229,552	226,600	2,952	491,278	15
695	428,093			11	2,045	65,405	51,368	5,342	8,195	500	278,365	258,106	20,259	1,281,850	16
7	2,941	3	800	7	1,750	1,136	390	231	515		18,699	18,377	322	37,694	17
635	358,247	579	167,752	67	9,065	104,851	59,003	507	36,908	8,433	539,408	529,793	9,615	1,571,502	18
21	8,050					1,142	898		244		368,224	366,895	1,329	406,000	19
20	10,266	5	2,272			1,988	664	246	928	150	32,004	31,781	223	57,641	20
464	184,697	16	5,245	3	433	124,104	95,455	3,138	16,171	9,340	342,689	336,065	6,624	1,216,926	21
2,194	1,095,170	1,303	399,810	285	79,074	343,545	37,815	3,434	298,123	4,173	3,360,157	3,334,815	25,342	5,931,045	22
573	302,582	2	624	4	1,030	287,881	42,360	125,697	119,408	416	5,247,663	5,238,927	8,736	6,548,604	23
130	47,287	71	18,841	1	200	23,974	1,766	450	21,758		194,671	192,877	1,794	338,696	24
578	249,252	1,825	415,896	306	43,417	134,045	46,722	3,660	83,663		1,005,931	989,509	16,422	2,412,687	25
572	251,834			10	1,884	32,928	9,284	2,599	21,045		890,441	881,074	9,367	1,411,781	26
700	343,326	4	2,050			123,128	14,120	5,262	103,179	567	1,682,196	1,654,887	27,309	2,554,629	27
256	97,737	59	13,863	85	12,916	29,336	10,047	850	18,239	200	218,635	212,691	5,944	490,063	28
2,825	1,454,688	376	101,716	72	12,759	440,127	156,384	39,564	244,060	119	5,709,048	5,542,153	166,895	10,464,689	29
1,430	673,296			21	4,905	195,100	49,088	6,433	139,579		283,085	78,281	204,804	1,497,304	30
570	293,300					77,110	1,420	15	6,325	69,350	470,880	464,430	6,450	1,022,390	31
105	67,093					32,530	1,800	592	28,608	1,530	284,816	279,325	5,491	470,042	32
358	176,340	83	18,058	31	5,143	35,358	19,509	1,081	14,593	175	476,504	472,669	3,835	938,245	33
289	139,132	277	67,454	60	8,980	15,556	6,823	810	7,743	180	330,600	326,685	3,915	728,805	34
7	2,886					1,432	1,004		428		3,286	2,768	518	17,774	35
106	51,520	3	2,400	4	620	6,877	3,030	128	2,183	1,536	37,244	36,446	798	150,414	36
4,327	2,744,818			10	2,982	10,596,845	77,614	11,307	120,221	10,387,703	5,072,603	5,059,009	13,594	21,751,145	37
6,157	3,095,414	5,268	1,876,093	765	120,745	1,448,363	95,074	33,946	1,039,697	279,646	13,223,263	13,015,552	207,711	21,986,062	38
201	66,808	25	5,554	1	169	13,084	4,776	970	3,510	3,778	116,970	115,979	991	269,080	39
57	24,634					10,618	3,710		6,908		76,273	74,856	1,417	165,148	40
112	63,294			6	1,370	18,469	3,102	1,884	11,483	2,000	122,855	116,420	6,435	219,773	41

TABLE 8.—MANUFACTURES IN CITIES

PHILADELPHIA—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
42	Carriages and sleds, children's	6	$104,341			$4,669	$99,672	9	16	$8,844	109	$59,634
43	Carriages and wagons	133	2,126,386	$515,534	$511,195	191,025	908,632	167	63	70,359	1,400	746,395
44	Cars and general shop construction and repairs by steam railroad companies.	10	1,433,997	422,759	491,440	216,320	303,478		81	71,945	2,780	1,609,055
45	Cheese and butter, urban dairy products.	3	9,500	2,500	4,500	1,850	650	4			2	775
46	Cheese, butter, and condensed milk, factory product.	3	32,989	2,500	4,000	13,000	13,489	4	1	525	10	5,871
47	Chemicals	24	13,400,479	1,156,405	2,130,151	2,612,832	7,501,091	4	248	391,014	1,917	1,026,013
48	China decorating	12	26,905	12,050	6,550	2,523	5,782	12			16	7,809
49	Cleansing and polishing preparations	10	33,350	300	700	4,155	28,195	10	22	12,594	12	4,167
50	Cloth, sponging and refinishing	3	51,339	8,000	5,000	19,484	18,855	3	4	3,990	50	21,750
51	Clothing, horse	6	135,650			13,450	122,200	10	13	11,940	144	41,603
52	Clothing, men's, custom work and repairing.	750	2,685,896	196,740	179,545	118,879	2,190,732	844	198	159,497	2,576	1,297,082
53	Clothing, men's, factory product	397	8,141,180	187,640	188,000	228,213	7,537,327	535	587	647,942	6,463	3,301,070
54	Clothing, men's, factory product, buttonholes.	18	16,495			12,190	4,305	19	1	760	140	47,763
55	Clothing, women's, dressmaking	482	647,935	49,775	85,400	68,013	444,747	522	39	27,885	2,070	675,635
56	Clothing, women's, factory product	191	3,384,850	8,000	13,500	399,501	2,963,849	283	510	427,558	6,233	2,122,028
57	Coffee and spice, roasting and grinding	43	1,167,821	83,500	110,400	178,808	795,113	60	135	176,686	308	137,379
58	Coffins, burial cases, and undertakers' goods.	4	46,760	800	1,600	560	43,800	5			21	9,698
59	Combs	4	86,515	12,000	5,000	20,044	49,471	9			156	55,350
60	Confectionery	338	3,235,945	502,050	623,680	727,339	1,382,876	381	414	330,781	2,622	870,441
61	Cooperage	58	1,097,863	209,980	179,338	51,740	656,805	67	15	14,936	331	167,129
62	Cordage and twine	9	3,906,458	229,900	312,700	796,650	2,567,208	12	59	73,255	1,168	398,905
63	Cork, cutting	6	161,345	10,800	28,164	35,688	86,693	8	9	10,604	161	34,745
64	Corsets	13	74,970	2,300	1,500	16,465	54,705	13	10	12,100	149	50,852
65	Cotton goods	122	12,541,083	661,041	1,582,915	4,342,514	5,954,613	174	361	457,239	9,334	3,573,536
66	Cotton small wares	21	1,839,258	107,500	215,500	578,734	937,524	32	39	55,674	1,361	435,807
67	Cotton waste	9	235,405	13,500	29,100	36,925	155,880	11	7	9,230	62	32,450
68	Crucibles	4	582,074	30,000	105,601	100,780	345,693	10	7	12,049	66	38,008
69	Cutlery and edge tools	11	264,303	25,500	53,800	96,350	88,653	14	15	13,078	115	59,600
70	Dentists' materials	17	1,278,171	120,000	217,000	202,028	739,143	20	66	64,134	590	314,017
71	Druggists' preparations, not including prescriptions.	15	4,513,682	193,700	459,406	421,717	3,438,859	18	312	352,200	1,172	408,289
72	Dyeing and cleaning	100	270,520	59,050	69,770	84,778	56,922	106	27	11,908	228	103,485
73	Dyeing and finishing textiles	91	4,981,389	690,662	908,848	1,757,929	1,623,950	143	164	172,043	3,455	1,578,434
74	Dye stuffs and extracts	3	53,912	10,000	15,000	13,150	15,762	4			17	7,975
75	Electrical apparatus and supplies	40	3,662,910	60,000	131,846	613,732	2,857,332	33	143	196,385	1,253	490,921
76	Electrical construction and repairs	66	304,632	9,000	2,000	55,485	238,147	30	47	45,625	385	218,820
77	Electroplating	34	106,151	5,000	1,000	58,250	41,901	45	6	4,976	141	63,708
78	Enameling and enameled goods	8	49,350	9,000	8,600	22,540	9,210	9	4	1,415	22	7,635
79	Engraving and diesinking	45	51,387			33,530	17,857	52	1	1,040	67	35,257
80	Engraving, steel, including plate printing.	30	369,567	18,750	28,000	186,245	136,572	43	79	50,800	530	257,110
81	Engraving, wood	16	53,850	5,500	3,000	2,950	42,400	20	1	1,000	24	12,964
82	Envelopes	5	176,084			78,498	97,586	9	19	13,858	139	47,707
83	Fancy articles, not elsewhere specified	26	254,917	2,500	7,500	53,200	191,717	30	32	13,231	326	81,942
84	Fertilizers	6	2,330,918	371,838	347,753	253,443	1,357,884	3	96	136,657	443	218,943
85	Files	8	1,201,810	106,324	154,676	422,218	518,592	10	33	51,106	918	350,229
86	Flags and banners	3	9,268	1,000	1,200	606	6,462	3	2	1,352	10	4,028
87	Flavoring extracts	17	144,592	9,000	13,500	12,729	109,363	22	16	12,328	38	14,749
88	Flouring and grist mill products	17	340,595	58,400	53,809	62,700	165,686	22	15	15,510	71	40,398
89	Food preparations	34	638,985	65,400	69,558	113,780	390,247	43	120	73,087	368	138,362
90	Foundry and machine shop products	370	45,935,567	5,191,017	6,123,678	10,705,850	23,915,022	427	1,575	1,807,479	19,643	11,176,259
91	Fur goods	45	545,646	5,450	10,820	23,326	506,050	52	53	26,916	229	126,882
92	Fur hats	12	5,051,084	793,690	1,285,152	619,602	2,352,640	11	159	248,552	2,116	893,494
93	Furnishing goods, men's	32	642,568	8,500	7,500	78,028	548,540	46	123	131,791	988	301,437
94	Furniture, cabinetmaking, repairing, and upholstering.	351	727,119	72,850	103,725	76,499	474,045	389	34	29,965	880	469,969
95	Furniture, factory product	77	3,102,995	369,850	433,596	392,891	1,906,658	102	162	201,185	2,391	1,240,940
96	Galvanizing	4	133,560	30,000	17,000	17,826	68,734	6	9	11,956	122	51,448
97	Gas and lamp fixtures	22	1,597,581	52,500	74,230	292,058	1,178,793	22	105	116,480	937	462,754
98	Gas, illuminating and heating	3	21,745,611	1,437,948	1,391,539	17,042,515	1,873,609		291	285,093	2,560	1,201,347
99	Gas machines and meters	5	553,146	75,000	45,000	69,100	364,046	8	18	16,446	405	217,746
100	Glass	8	1,258,450	225,000	286,831	144,678	601,941	8	66	85,307	1,529	618,047
101	Glass, cutting, staining, and ornamenting.	41	246,190	8,500	9,300	58,212	170,178	48	43	32,298	385	197,563
102	Glue	3	1,911,949	105,000	140,000	135,200	1,531,749	6	17	32,000	437	171,089
103	Gold and silver, leaf and foil	8	408,894	53,900	92,900	47,602	214,492	12	6	5,268	189	87,730
104	Gold and silver, reducing and refining, not from the ore.	6	38,565	6,000	10,000	14,153	8,412	4	3	2,094	7	4,216
105	Grease and tallow	11	1,213,007	122,300	294,000	359,703	437,004	9	34	42,240	278	145,500
106	Hairwork	27	103,125	34,500	16,500	8,885	43,240	30	2	1,600	83	30,912
107	Hand knit goods	8	15,795	1,075	1,200	2,770	10,750	9			44	8,400
108	Hand stamps	18	176,877	11,000	7,500	78,161	80,216	19	14	15,425	101	50,480
109	Hardware	22	2,369,329	449,000	358,779	569,628	991,922	25	81	60,520	1,273	595,482
110	Hardware, saddlery	3	14,500	1,000	1,000	2,400	10,100	3	3	2,166	16	7,584
111	Hat and cap materials	6	88,200	12,000	8,000	5,600	62,600	8	2	1,500	27	11,350

BY SPECIFIED INDUSTRIES: 1900—Continued.

PHILADELPHIA—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
96	$55,884	9	$3,150	4	$600	$30,475	$5,980	$71	$24,424		$103,953	$103,153	$800	$239,442	42
1,396	745,710	2	450	2	235	150,483	33,936	11,810	98,773	$5,964	607,331	585,807	21,524	1,960,779	43
2,717	1,596,045	63	13,010			24,631		6,972	17,659		1,945,770	1,920,320	25,450	3,651,401	44
2	775					40		36	4		6,432	6,237	195	7,588	45
10	5,371					4,274	2,150	72	2,052		76,264	75,108	1,156	96,409	46
1,701	965,483	208	58,702	8	1,828	454,636	13,525	26,125	414,986		4,333,716	4,077,927	255,789	7,810,456	47
12	6,317	4	1,492			2,153	1,584	323	246		7,806	6,895	911	32,760	48
8	2,957	4	1,210			9,483	1,227	63	8,193		17,614	17,290	324	50,598	49
49	21,650			1	100	7,431	2,280	170	4,981		2,558	1,265	1,293	52,548	50
25	10,618	92	25,526	27	5,459	29,920	5,550		1,870	22,500	248,779	247,726	1,053	383,750	51
2,043	1,125,347	483	164,021	50	7,714	591,295	237,536	5,819	146,732	201,208	2,034,858	2,018,415	16,443	5,616,886	52
4,177	2,593,569	2,121	677,175	165	80,326	1,998,753	213,176	5,050	320,154	1,460,373	9,629,915	9,597,511	32,404	18,802,637	53
76	31,212	49	14,456	15	2,095	3,959	2,614		1,345		16,383	15,579	804	102,181	54
218	132,844	1,834	540,568	18	2,223	112,179	86,435	2,247	21,973	1,524	792,929	786,284	6,645	2,240,090	55
1,803	973,808	4,367	1,138,231	63	9,989	465,679	133,363	5,608	230,216	96,492	5,039,999	5,009,491	30,508	9,452,259	56
228	116,209	79	21,014	1	156	80,918	20,259	3,108	57,551		1,905,633	1,885,666	19,967	2,642,080	57
13	7,564	8	2,134			2,718	1,560	18	1,140		15,133	15,057	76	40,680	58
117	47,112	24	5,326	15	2,912	5,044	1,492	245	3,307		100,406	98,124	2,282	185,143	59
1,182	561,323	1,288	288,602	152	20,516	329,087	93,516	15,806	219,495	270	3,423,298	3,367,690	55,608	6,000,815	60
331	167,129					127,670	20,420	4,889	18,663	83,698	1,025,142	1,019,378	5,764	1,490,119	61
535	255,958	529	127,955	104	14,992	65,032	2,100	3,572	59,360		4,210,942	4,197,714	13,228	5,291,239	62
75	21,262	47	8,250	39	5,233	29,650	2,064	304	27,282		102,922	101,595	1,327	195,907	63
11	7,118	123	41,799	15	1,935	5,134	4,356	40	738		67,404	67,124	280	178,090	64
4,383	2,086,936	4,055	1,343,190	896	143,410	1,371,465	123,714	26,205	754,507	467,039	8,249,823	8,050,137	199,686	15,723,654	65
295	137,064	970	281,583	96	17,160	196,405	20,562	4,222	81,211	90,410	862,620	841,218	21,402	1,896,644	66
58	31,360	4	1,090			13,365	4,188	688	8,239	250	479,317	474,735	4,582	583,894	67
66	38,008					10,446	1,200	1,588	7,658		495,403	487,265	8,138	689,307	68
115	59,600					6,030	1,130	726	4,174		38,647	31,946	6,701	182,124	69
368	224,680	219	88,817	3	520	55,460	11,446	5,102	38,912		937,764	927,333	10,431	1,736,976	70
384	206,336	781	200,723	7	1,230	525,523	25,981	3,808	435,734	60,000	2,000,476	1,979,291	21,185	3,900,189	71
143	74,668	82	28,296	8	521	41,597	13,761	2,329	24,132	1,375	59,618	52,787	6,831	348,200	72
3,037	1,483,556	200	54,662	218	40,216	411,749	67,182	25,293	316,369	2,905	2,440,916	2,165,715	275,201	5,562,099	73
11	6,600	5	1,250	1	125	3,886	260	175	3,390	61	27,249	26,459	790	49,200	74
991	434,341	139	34,697	123	21,883	461,266	37,576	7,467	247,611	168,612	2,198,146	2,157,594	40,552	4,230,619	75
377	216,475			8	2,345	63,402	20,052	145	16,915	26,290	435,960	433,534	2,426	945,522	76
129	60,345	8	2,751	4	612	13,157	10,608	42	2,507		40,440	36,016	4,424	189,808	77
14	6,087	8	1,548			2,311	1,068	165	910	168	10,252	9,686	566	39,485	78
62	34,326	1	300	4	631	8,500	7,125	11	1,364		13,883	12,561	1,322	123,261	79
821	197,654	194	57,336	15	2,120	51,098	18,297	649	31,152	1,000	176,492	171,922	4,570	763,526	80
23	12,808			1	156	7,203	1,665	148	890	4,500	3,781	3,729	52	46,631	81
33	14,930	100	31,841	6	936	14,169	7,720	132	6,317		101,916	99,083	2,833	243,486	82
111	42,101	208	38,474	7	1,367	21,003	11,203	167	8,633	1,000	170,739	168,618	2,121	417,828	83
443	218,943					162,851	13,114	6,828	134,186	8,723	1,755,111	1,727,332	27,779	2,375,750	84
661	291,230	117	34,692	140	24,307	97,668	3,850	4,091	89,677	50	372,900	342,106	30,794	1,013,598	85
6	3,073	4	955			925	520	41	364		2,465	2,450	15	12,811	86
31	12,709	7	2,040			17,813	5,097	303	10,363	2,050	116,759	116,391	368	242,250	87
71	40,398					21,660	7,240	1,193	13,227		1,215,265	1,204,505	10,760	1,380,063	88
255	110,807	106	26,505	7	1,050	105,982	10,804	1,792	93,386		750,024	742,069	7,955	1,232,722	89
19,438	11,134,969	40	12,381	165	28,909	2,083,940	223,205	101,738	1,628,226	130,771	18,551,390	18,042,312	509,078	38,372,971	90
77	68,997	146	56,879	6	1,006	60,267	32,083	213	27,761	210	317,139	315,291	1,848	752,285	91
1,515	743,035	504	135,293	97	15,166	305,704	7,316	5,574	272,329	19,885	1,090,428	1,064,674	25,754	3,075,470	92
162	77,980	797	219,233	29	4,224	57,180	20,736	393	36,051		1,308,985	1,304,933	4,052	2,057,686	93
727	420,166	145	48,372	8	1,431	158,248	68,963	2,860	32,448	53,977	635,629	629,607	6,022	1,905,494	94
2,342	1,229,623	18	5,820	31	5,497	233,359	55,481	9,954	165,124	2,800	1,912,327	1,885,462	26,865	4,416,703	95
122	51,448					11,409	2,064	489	8,856		146,406	141,416	4,990	296,326	96
897	452,435	27	7,095	13	3,224	132,496	37,154	2,843	88,999	3,500	793,693	774,881	18,812	1,748,198	97
2,560	1,201,347					694,339	351,469	3,498	339,372		2,661,482	2,630,728	30,754	5,578,873	98
389	213,900	13	3,300	3	546	8,673	3,215	1,248	3,910	300	299,615	292,982	6,633	715,185	99
1,100	545,781	102	24,340	327	47,926	62,423	1,114	6,014	53,795	1,500	387,750	305,903	81,847	1,347,011	100
336	186,787	28	7,583	21	3,193	35,333	17,489	353	16,886	605	163,104	156,355	6,749	544,801	101
409	163,809	3	780	25	6,500	159,022	108	12,314	146,600		901,940	849,918	52,022	1,291,204	102
137	73,794	44	12,304	8	1,632	4,072	729	1,792	1,551		341,534	339,879	1,655	483,192	103
6	3,956	1	260			3,240	1,884	31	1,325		90,679	90,255	424	114,109	104
278	145,500					130,404	7,760	4,832	117,812		1,466,694	1,429,469	37,225	1,978,545	105
14	9,034	68	21,696	1	182	7,416	4,620	813	1,643	340	39,509	38,881	628	119,329	106
		44	8,400			1,600	856	42	178	524	7,650	7,605	45	33,363	107
81	46,706	11	2,200	9	1,574	12,060	5,436	280	6,344		39,360	37,454	1,906	151,427	108
1,193	572,051	43	15,630	37	7,801	145,882	6,557	13,570	125,295	460	594,225	567,052	27,173	1,761,875	109
14	7,324			2	260	651	435	37	179		10,700	9,972	728	27,555	110
17	8,966	7	1,760	3	624	4,282	2,870	360	1,052		99,586	99,460	126	136,821	111

TABLE 8.—MANUFACTURES IN CITIES.

PHILADELPHIA—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
112	Hats and caps, not including fur hats and wool hats.	66	$489,147	$27,800	$22,200	$91,522	$347,625	83	62	$56,935	772	$291,4[illegible]4
113	Hosiery and knit goods	142	10,024,606	465,582	1,098,599	3,426,783	5,033,642	171	364	388,426	11,944	3,567,0[illegible]7
114	House furnishing goods, not elsewhere specified.	11	455,278	28,000	83,000	80,057	264,221	15	29	18,751	261	79,4[illegible]70
115	Ice, manufactured	20	3,158,914	455,850	644,551	1,653,575	404,938	3	117	71,435	345	191,4[illegible]65
116	Ink, printing	7	471,006	73,000	47,000	74,099	276,907	7	29	60,824	78	47,9[illegible]47
117	Ink, writing	3	17,003	250	750	1,175	14,828	4	2	2,500	9	3,492
118	Instruments, professional and scientific	32	700,443	33,000	65,720	236,903	364,820	49	42	31,049	555	291,649
119	Iron and steel	8	6,069,671	829,594	484,119	1,242,299	3,513,659	6	213	298,804	2,815	1,866,572
120	Iron and steel, bolts, nuts, washers, and rivets.	7	1,802,846	368,600	172,080	604,105	658,061	9	35	50,750	1,178	368,337
121	Iron and steel, forgings	7	196,664	6,000	8,500	78,146	104,018	10	12	14,400	184	127,080
122	Ironwork, architectural and ornamental.	46	1,493,811	157,400	181,120	363,290	792,001	54	86	82,342	876	476,269
123	Ivory and bone work	6	89,190	1,000	3,000	24,500	60,690	6	6	7,000	107	39,454
124	Japanning	6	26,680	2,000	8,000	3,870	12,810	7	1	300	23	8,753
125	Jewelry	19	679,287	15,000	5,000	116,473	542,814	25	58	37,027	402	183,493
126	Jewelry and instrument cases	6	54,750			13,300	41,450	8	5	2,560	76	28,928
127	Jute and jute goods	4	926,800	128,700	131,844	120,500	545,756	4	9	7,948	619	168,455
128	Kaolin and other earth grinding	5	178,593	48,500	42,264	30,238	57,591	4	10	19,840	57	28,433
129	Kindling wood	5	30,400	6,500	7,250	6,600	10,050	7	1	780	32	12,918
130	Labels and tags	7	45,595			23,200	22,395	9	8	7,116	62	12,507
131	Lamps and reflectors	9	151,066			23,860	127,206	12	20	21,810	154	79,945
132	Lapidary work	3	3,800			700	3,100	3			4	3,000
133	Lasts	5	100,676	18,000	19,922	21,494	41,260	5	4	4,134	72	36,914
134	Lead, bar, pipe, and sheet	5	550,736	118,000	78,000	131,625	223,111	9	11	11,145	71	43,681
135	Leather goods	19	827,001	60,400	44,300	90,459	631,842	29	98	103,762	1,168	360,868
136	Leather, tanned, curried, and finished	44	9,105,989	475,294	1,506,212	965,698	6,158,785	65	169	184,746	5,781	2,529,120
137	Lime and cement	4	371,991	106,751	92,554	87,008	85,678	2	16	13,257	80	28,136
138	Liquors, malt	59	27,636,289	3,118,209	9,638,933	4,876,147	10,003,000	50	303	652,148	1,791	1,229,248
139	Lithographing and engraving	22	1,022,118	18,000	24,000	654,737	325,381	25	46	57,234	609	264,467
140	Lock and gun smithing	126	129,139	17,620	32,177	32,274	47,068	132	1	156	70	36,094
141	Looking-glass and picture frames	74	368,843	3,300	3,200	52,145	310,198	93	65	41,934	309	142,379
142	Lumber and timber products	4	289,200	65,600	40,000	53,100	130,500	5	10	1,380	100	44,936
143	Lumber, planing mill products, including sash, doors, and blinds.	37	2,670,749	441,750	324,358	328,076	1,576,565	44	112	114,361	1,605	807,418
144	Malt	3	644,000	70,000	110,000	21,000	443,000	2	11	22,950	33	18,652
145	Mantels, slate, marble, and marbleized	5	59,473	3,500	7,500	2,835	45,638	4	12	9,570	35	20,220
146	Marble and stone work	78	2,126,726	597,560	130,330	260,864	1,137,972	108	53	51,982	1,028	652,395
147	Masonry, brick and stone	264	4,910,820	537,350	721,500	403,426	3,248,544	319	142	133,872	4,897	2,906,682
148	Mattresses and spring beds	37	335,773	11,700	15,000	54,177	254,896	35	43	25,907	339	139,131
149	Millinery and lace goods	37	606,892	97,000	48,500	63,897	397,495	48	52	44,612	759	275,061
150	Millinery, custom work	211	723,867	164,280	118,475	13,731	427,381	241	69	29,228	742	254,704
151	Mineral and soda waters	51	403,296	26,300	53,700	196,649	126,647	70	39	26,952	169	80,330
152	Mirrors	4	56,210			5,060	51,150	3	4	4,250	42	21,126
153	Models and patterns	40	273,264	3,000	9,500	70,760	190,004	49	8	7,920	270	160,890
154	Monuments and tombstones	41	337,256	84,850	39,010	19,040	194,356	50	9	7,076	214	145,852
155	Mucilage and paste	12	263,088			31,857	231,231	12	34	35,084	80	23,483
156	Musical instruments and materials, not specified.	16	152,008	11,900	15,600	26,990	97,518	22	7	3,830	70	40,703
157	Musical instruments, organs and materials.	6	40,822			3,575	37,247	9	1	780	52	33,850
158	Musical instruments, pianos and materials.	7	375,042	50,000	25,000	32,427	267,615	7	27	34,650	184	119,716
159	Needles and pins	3	9,565			5,500	4,065	4	1	720	15	6,926
160	Oil, not elsewhere specified	8	216,097	51,000	12,000	45,150	107,947	10	22	19,870	27	16,075
161	Optical goods	49	422,468	76,000	30,000	88,979	227,489	58	54	37,057	387	141,461
162	Painting, house, sign, etc	594	1,151,808	131,260	138,695	149,388	732,465	655	76	66,185	2,364	1,433,451
163	Paints	30	7,531,243	1,202,950	887,203	2,326,366	3,114,724	18	278	296,485	1,071	502,925
164	Paper and wood pulp	7	2,671,431	224,378	348,422	1,217,614	881,017	5	45	60,876	933	388,617
165	Paper goods, not elsewhere specified	14	568,266	63,000	73,749	62,950	368,567	15	27	29,850	279	105,038
166	Paper hanging	302	747,209	107,400	139,242	27,032	473,535	332	51	28,585	931	553,339
167	Paper hangings	11	1,472,171	45,000	151,250	597,749	678,172	8	70	103,023	663	316,047
168	Patent medicines and compounds	78	2,116,874	118,800	127,300	241,950	1,628,824	80	219	186,839	659	255,285
169	Paving and paving materials	63	3,227,092	166,279	410,665	276,577	2,373,571	68	113	109,890	3,111	1,522,765
170	Perfumery and cosmetics	21	296,106	15,000	11,250	20,485	249,371	26	54	44,252	162	47,389
171	Photographic materials	13	225,805	11,400	19,500	57,400	137,505	14	24	23,276	119	48,024
172	Photography	129	494,048	30,100	38,000	244,441	181,507	150	69	47,475	353	156,354
173	Photolithographing and photoengraving.	9	257,975	15,000	31,000	127,100	84,875	8	37	31,787	218	141,111
174	Pickles, preserves, and sauces	17	392,490	40,500	88,825	61,110	202,055	20	59	28,796	236	89,364
175	Pipes, tobacco	6	150,363	10,000	13,000	34,175	93,188	7	4	8,754	229	99,077
176	Plastering and stuccowork	79	181,973	29,525	38,025	31,758	82,665	90	8	5,380	352	207,951
177	Plated and britannia ware	3	24,000			18,000	6,000	3	1	624	29	11,037
178	Plumbers' supplies	12	1,270,913	143,550	174,450	220,400	732,513	15	90	84,368	457	229,952
179	Plumbing, and gas and steam fitting	685	2,381,553	265,720	372,330	284,915	1,458,588	772	153	120,070	2,629	1,527,427
180	Pocketbooks	5	98,050			5,864	92,186	3	10	8,810	104	32,518
181	Pottery, terra cotta, and fire-clay products.	16	986,511	300,219	281,800	108,080	296,412	18	37	41,138	494	228,887

BY SPECIFIED INDUSTRIES: 1900—Continued.

PHILADELPHIA—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
310	$168,351	453	$121,769	9	$1,294	$48,604	$22,240	$350	$22,774	$2,740	$607,296	$601,842	$5,454	$1,364,100	112
2,243	1,035,051	7,542	2,193,999	2,159	338,037	1,447,055	86,691	15,590	686,090	658,684	6,174,278	6,062,085	112,193	13,040,905	113
84	28,895	168	48,947	9	1,628	41,415	5,350	1,625	25,590	8,850	403,876	399,728	4,148	586,949	114
845	191,465					118,795	8,326	12,991	97,478		204,085	74,752	129,333	894,592	115
76	47,427	1	260	1	260	33,477	2,705	1,072	29,700		204,482	199,089	5,393	407,966	116
5	2,156	4	1,336			3,433	900	13	2,520		15,770	15,662	108	29,288	117
837	286,187	11	4,394	7	1,068	61,375	18,677	1,387	41,311		182,527	172,306	10,221	733,544	118
2,806	1,864,672			9	1,900	671,868	1,365	10,408	214,985	445,110	3,564,526	3,227,103	337,423	7,208,948	119
1,082	342,087			146	26,250	66,362	3,410	6,430	56,522		982,620	949,785	32,835	1,885,494	120
184	127,080					17,284	7,649	680	8,955		209,494	196,858	12,636	455,903	121
874	475,653			2	616	94,595	16,515	3,086	43,776	31,218	1,232,381	1,214,234	18,147	2,118,622	122
92	35,154	12	3,790	3	510	2,416	1,673	55	688		70,537	69,622	915	156,719	123
19	7,973	1	280	3	500	2,636	1,812	45	779		6,649	5,859	790	28,752	124
299	157,046	82	22,981	21	3,466	36,719	11,936	355	22,723	1,705	244,478	239,879	4,599	647,559	125
34	18,941	36	9,073	6	914	4,493	3,085	15	1,393		52,490	51,575	915	109,712	126
226	91,481	236	49,117	157	27,857	37,509	300	685	14,127	22,397	523,121	517,763	5,358	870,306	127
57	28,433					13,238	1,500	1,270	10,468		100,064	94,118	5,946	182,536	128
32	12,918					3,444	643	199	2,602		28,384	28,200	184	64,577	129
19	7,690	41	4,500	2	317	4,040	2,956		834	250	36,878	36,348	530	71,253	130
145	78,065	5	1,287	4	593	22,164	6,830	87	15,297		98,226	94,844	3,382	274,486	131
4	3,000					338	312		26		1,101	1,020	81	8,500	132
67	35,659	2	720	3	535	5,130	1,616	494	3,020		20,273	18,567	1,706	87,330	133
71	43,681					24,619	2,000	2,634	19,985		885,931	878,743	7,188	990,809	134
524	249,073	533	98,872	111	12,923	102,019	20,694	1,894	79,431		782,125	778,922	3,203	1,768,894	135
5,318	2,402,022	253	76,680	210	50,418	685,050	32,904	29,209	618,999	3,938	13,429,241	13,332,841	96,400	18,187,231	136
80	23,136					13,297	2,200	2,187	8,910		114,246	104,216	10,030	194,910	137
1,790	1,228,780	1	468			6,062,010	20,566	119,806	5,921,638		2,876,982	2,622,915	254,067	12,606,551	138
507	241,045	74	19,050	28	4,372	104,389	22,055	490	61,104	20,740	289,212	280,671	8,541	905,478	139
64	34,311	2	1,060	4	723	17,452	13,815	877	1,765	995	37,919	35,285	2,634	175,305	140
274	135,138	17	4,192	18	3,049	50,882	33,766	196	16,895	25	381,915	379,099	2,816	807,212	141
100	44,936					8,763	2,550	1,624	4,589		383,653	383,653		543,492	142
1,495	782,863	66	18,355	44	6,200	168,396	40,255	9,056	116,759	2,326	1,678,773	1,660,822	17,951	3,200,142	143
33	18,652					8,755	3,700	1,655	3,400		214,691	211,311	3,380	300,300	144
35	20,220					3,912	1,530	204	2,178		57,464	57,452	12	131,017	145
1,026	651,744	1	495	1	156	125,376	24,477	9,485	82,594	8,820	801,179	785,247	15,932	1,937,349	146
4,896	2,906,442			1	240	2,066,178	24,062	26,243	144,147	1,871,726	5,978,692	5,964,129	14,563	13,565,550	147
235	105,526	99	32,565	5	1,040	46,364	20,362	435	25,555	12	515,653	511,734	3,919	881,898	148
102	56,604	649	217,009	8	1,448	78,090	29,673	2,635	45,782		743,043	737,563	5,480	1,445,984	149
9	8,062	714	244,014	19	2,628	64,513	41,171	5,120	18,222		787,366	784,986	2,380	1,535,868	150
165	79,490	1	290	3	550	51,329	9,676	1,715	39,938		131,793	128,637	3,156	435,945	151
41	20,918			1	208	3,325	1,438		1,887		90,543	89,193	1,350	140,999	152
265	159,967	2	458	3	465	19,044	11,968	237	6,709	130	90,531	86,161	4,370	377,788	153
213	145,644			1	208	15,273	3,503	1,364	5,181	5,225	162,947	161,546	1,401	443,237	154
46	17,772	33	5,555	1	156	33,232	6,152	183	26,897		350,805	348,230	2,575	519,149	155
69	40,338	1	365			5,855	1,675	401	2,998	781	32,645	31,529	1,116	120,188	156
51	33,550	1	300			5,944	2,739	5	1,904	1,296	18,550	17,149	1,401	74,411	157
176	118,716			8	1,000	36,047	4,402	1,003	30,642		138,791	131,333	7,458	446,108	158
10	5,824	2	572	3	530	606	474		132		1,570	1,300	270	16,300	159
24	15,575			3	500	6,453	1,700	310	4,443		164,893	162,188	2,705	250,984	160
187	96,541	183	42,762	17	2,158	62,360	30,926	1,631	28,678	1,125	254,315	248,920	5,395	704,177	161
2,350	1,430,604			14	2,847	135,327	65,093	4,141	40,763	25,330	913,151	909,106	4,045	3,559,437	162
1,001	484,345	67	18,086	3	494	372,274	22,356	13,370	288,657	47,891	3,180,684	3,072,074	108,610	5,923,930	163
735	343,342	193	44,275	5	1,000	217,104	5,800	8,121	201,223	1,960	1,511,057	1,344,447	166,610	2,635,749	164
174	79,143	104	25,745	1	150	20,374	9,130	1,503	9,241	500	547,112	542,848	4,264	944,991	165
922	551,719	2	520	7	1,100	76,976	41,690	3,456	26,418	5,412	483,632	481,888	1,744	1,608,821	166
447	269,566	89	26,310	127	20,171	147,545	36,707	4,800	106,038		1,424,441	1,404,513	19,928	2,062,339	167
326	168,845	328	85,735	5	705	760,607	39,105	3,051	717,639	812	973,389	958,673	14,716	3,013,034	168
3,109	1,522,515			2	250	429,852	19,568	5,434	394,732	10,118	1,909,337	1,887,416	21,921	4,868,975	169
33	15,641	115	29,810	14	1,938	90,701	14,004	652	76,045		254,100	252,663	1,437	531,291	170
78	36,398	35	10,708	6	918	27,288	8,560	386	18,342		140,851	138,484	2,367	319,232	171
228	119,644	106	33,306	19	3,404	97,802	68,003	1,026	24,968	3,805	205,699	203,447	2,252	759,061	172
198	136,180	11	3,565	9	1,366	30,455	5,138	502	22,615	2,200	44,139	39,892	4,247	296,357	173
159	67,054	77	22,310			38,195	8,172	1,443	28,580		425,630	420,462	5,168	691,524	174
195	91,047	19	5,340	15	2,690	8,217	1,380	417	6,420		107,131	104,778	2,353	234,715	175
351	207,795			1	156	44,881	8,374	1,017	6,445	29,045	136,072	136,251	421	533,705	176
22	9,376	6	1,505	1	156	2,305	1,560		745		5,318	4,863	455	25,325	177
428	222,410	18	5,236	11	2,306	35,194	12,322	4,165	17,982	725	449,260	436,772	12,488	873,150	178
2,593	1,521,101			36	6,326	177,247	88,303	10,168	63,385	15,391	2,993,807	2,973,037	20,770	6,294,008	179
55	21,321	38	9,672	11	1,525	13,725	4,996		8,729		57,342	56,920	422	133,264	180
481	226,087	11	2,500	2	300	38,309	2,862	4,826	30,546	75	132,151	97,440	34,711	556,650	181

TABLE 8.—MANUFACTURES IN CITIES

PHILADELPHIA—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
182	Printing and publishing, book and job	401	$11,539,833	$281,955	$561,411	$4,659,078	$6,037,389	458	844	$775,094	5,827	$2,508,317
183	Printing and publishing, music	12	479,288	25,000	20,000	180,142	254,146	19	38	47,840	233	93,354
184	Printing and publishing, newspapers and periodicals.	209	11,011,212	1,455,425	1,631,064	3,692,143	4,232,580	190	1,986	1,989,881	3,397	2,111,009
185	Printing materials	9	36,927			15,998	20,929	10	5	1,845	30	10,692
186	Pumps, not including steam pumps	4	45,259	13,500	16,050	870	14,839	4	2	2,004	8	4,354
187	Refrigerators	3	27,500	1,000	3,000	15,700	7,800	4	1	500	55	40,500
188	Regalia and society banners and emblems.	11	141,906	10,500	10,500	36,656	84,250	15	15	9,960	114	48,462
189	Roofing and roofing materials	105	600,653	48,750	72,400	176,132	303,371	112	66	57,321	542	272,321
190	Rubber and elastic goods	6	219,575	22,000	11,500	20,325	165,750	9	7	4,720	86	83,100
191	Saddlery and harness	169	435,403	44,200	56,400	36,742	298,061	173	14	11,172	298	161,115
192	Safes and vaults	4	479,421	5,000	35,207	103,432	335,782	3	33	43,108	211	110,978
193	Sausage	11	31,365	9,800	9,900	7,180	4,485	13	1	1,000	21	10,847
194	Saws	4	4,231,103	304,051	425,234	566,041	2,935,777	4	69	75,289	1,310	681,582
195	Scales and balances	5	160,300	4,000	14,000	33,900	108,400	9	8	5,820	116	64,808
196	Sewing machine repairing	19	21,714			9,379	12,335	17	1	1,040	29	14,272
197	Ship and boat building, wooden	10	51,955	8,400	9,000	12,630	21,925	14			69	38,184
198	Shirts	60	2,124,862	61,750	90,250	197,605	1,775,257	93	213	208,485	2,829	915,523
199	Shoddy	21	823,083	78,650	130,600	207,688	406,145	12	32	23,186	324	132,226
200	Show cases	3	27,000			5,000	22,000	3	2	1,300	35	20,800
201	Silk and silk goods	28	3,813,532	46,666	220,000	898,404	2,648,462	49	184	179,253	2,506	826,456
202	Silverware	4	165,600	32,000	10,000	65,000	58,600	7	10	6,412	55	38,736
203	Slaughtering and meat packing, wholesale.	22	1,417,002	196,700	251,092	245,400	723,810	36	118	86,037	353	198,110
204	Slaughtering, wholesale, not including meat packing.	36	465,730	59,000	123,000	43,884	239,846	50	23	25,288	264	174,500
205	Smelting and refining, not from the ore	7	382,209	16,500	38,600	22,587	304,522	9	56	26,871	98	48,338
206	Soap and candles	33	2,307,478	165,950	285,914	247,125	1,608,489	43	116	111,986	499	198,430
207	Soda water apparatus	3	589,867			34,464	555,403	5	35	60,960	165	78,204
208	Sporting goods	11	276,300	9,200	54,600	39,520	172,980	11	14	24,420	371	123,560
209	Springs, steel, car and carriage	3	937,075	74,943	79,860	88,849	693,423	6	24	57,302	280	172,632
210	Stamped ware	9	524,600	21,800	43,800	140,400	318,600	7	26	37,301	606	227,210
211	Stationery goods, not elsewhere specified.	4	11,300			4,500	6,800	6	6	5,010	20	5,200
212	Steam fittings and heating apparatus	11	797,296	74,000	95,900	111,957	515,439	10	58	70,172	281	158,691
213	Steam packing	17	386,990	4,000	11,562	88,465	282,963	20	68	78,813	238	96,088
214	Stencils and brands	8	23,875	6,500	2,500	10,650	4,225	12			10	4,296
215	Stereotyping and electrotyping	11	246,434			120,134	126,300	17	17	15,844	256	149,696
216	Sugar and molasses, refining	7	23,992,552	2,750,000	2,050,000	2,649,719	16,542,833	15	119	185,078	1,249	647,592
217	Surgical appliances	23	554,635	34,600	85,900	133,185	300,950	27	43	47,447	253	128,628
218	Taxidermy	3	6,510	2,000	1,500	260	2,750	3			2	664
219	Tin and terne plate	4	795,697	47,000	72,684	91,736	584,277	5	101	59,281	340	105,838
220	Tinsmithing, coppersmithing, and sheet-iron working.	437	2,636,063	295,365	370,649	545,375	1,424,674	502	172	137,317	2,304	1,218,139
221	Tobacco, chewing, smoking, and snuff	6	852,379	76,447	216,442	189,255	370,235	5	9	4,230	48	21,063
222	Tobacco, cigars and cigarettes	550	4,042,502	127,350	231,837	112,078	3,571,237	602	264	324,882	6,032	2,571,808
223	Tools, not elsewhere specified	14	434,091	52,500	37,500	65,467	278,624	15	24	29,450	251	135,386
224	Toys and games	13	243,427	24,300	60,400	42,323	116,404	13	9	17,924	232	76,000
225	Trunks and valises	32	280,923	4,000	9,500	23,370	244,053	48	19	12,102	234	108,317
226	Umbrellas and canes	36	1,245,056	30,750	40,147	193,044	981,115	57	185	157,745	1,628	550,374
227	Upholstering materials	22	2,579,897	169,900	346,300	386,188	1,677,509	40	75	90,084	1,282	416,333
228	Varnish	16	1,526,329	182,580	134,654	141,658	1,067,437	9	78	115,136	129	91,013
229	Vinegar and cider	5	101,450	15,900	10,200	32,750	42,600	7	11	5,776	38	23,016
230	Washing machines and clothes wringers.	3	4,360	600	1,500	160	2,100	3			4	1,875
231	Watch, clock, and jewelry repairing	354	476,027	45,330	68,355	123,987	238,355	375	11	6,080	337	188,443
232	Whips	4	8,823			1,115	7,708	4	2	1,500	9	4,500
233	Window shades	16	299,248	45,700	45,600	23,400	184,548	17	29	22,328	131	54,358
234	Wire	3	110,137	20,000	15,158	30,049	44,930	4	3	2,850	65	29,953
235	Wirework, including wire rope and cable.	26	338,464	15,400	53,000	122,508	147,556	31	19	17,132	330	130,338
236	Wood, turned and carved	54	315,730	36,400	37,400	76,485	165,445	67	11	10,284	358	149,697
237	Woodenware, not elsewhere specified	10	85,356			20,805	64,551	13	9	6,280	99	48,197
238	Woolen goods	93	12,874,265	751,762	1,528,003	3,515,721	7,078,779	126	216	252,655	9,438	3,622,765
239	Wool pulling	5	178,740	15,000	26,700	15,400	121,640	7	4	2,192	69	36,203
240	Worsted goods	36	14,079,859	332,334	1,148,926	3,529,729	9,068,870	23	138	200,954	7,407	2,429,603
241	All other industries[1]	80	43,651,745	4,177,774	7,523,115	10,422,745	21,528,111	73	701	939,906	14,624	7,257,764

[1] Embraces artists' materials, 2; bells, 1; belting and hose, linen, 1; bone, ivory, and lampblack, 1; boots and shoes, rubber, 1; brass, 1; cardboard, 1; cars and general shop construction and repairs by street railroad companies, 2; cars, steam railroad, not including operations of railroad companies, 1; cars, street railroad, not including operations of railroad companies, 1; chocolate and cocoa products, 2; clocks, 1; drug grinding, 2; emery wheels, 2; engravers' materials, 2; felt goods, 1; firearms, 2; fire extinguishers, chemical, 2; fireworks, 1; fish, canning and preserving, 1; foundry supplies, 1; fruits and vegetables, canning and preserving, 2; furs, dressed, 2; gloves and mittens, 1; graphite and graphite refining, 1; grindstones, 1; hammocks, 1; hooks and eyes, 2; iron and steel, nails and

BY SPECIFIED INDUSTRIES: 1900—Continued.

PHILADELPHIA—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
3,856	$2,107,542	1,207	$359,882	264	$40,893	$1,626,292	$241,859	$9,388	$552,127	$822,918	$2,948,999	$2,863,897	$85,102	$10,066,740	182
165	77,316	66	15,632	2	406	45,038	11,752	585	17,643	15,058	107,590	105,319	2,271	365,295	183
2,882	1,940,581	426	155,911	89	14,517	2,374,571	184,191	40,961	1,474,766	674,653	3,640,590	3,541,068	99,522	13,076,840	184
17	8,373	12	2,130	1	189	4,699	3,373	------	1,326	------	21,912	21,248	664	59,019	185
8	4,354	------	------	------	------	5,067	135	267	4,470	195	22,617	22,617	------	42,587	186
55	40,500	------	------	------	------	4,863	2,016	27	2,820	------	37,040	36,500	540	100,367	187
20	14,126	92	33,946	2	390	13,600	3,606	296	7,698	2,000	70,133	69,296	837	196,592	188
541	272,171	------	------	1	150	98,768	18,316	1,383	79,069	------	551,378	548,151	3,227	1,226,257	189
80	81,370	6	1,730	------	------	3,049	483	344	2,102	120	282,825	281,994	831	407,110	190
282	157,049	9	2,762	7	1,304	38,811	28,547	1,589	8,355	320	272,594	270,306	2,288	709,689	191
211	110,978	------	------	------	------	56,677	3,170	683	12,824	40,000	165,024	158,820	6,204	565,138	192
21	10,847	------	------	------	------	1,781	1,041	426	314	------	47,278	46,197	1,081	75,475	193
1,139	642,832	46	12,250	125	26,500	64,504	1,510	2,529	60,465	------	917,601	890,873	26,728	2,286,471	194
116	64,808	------	------	------	------	10,631	1,656	225	8,250	500	66,295	64,363	1,932	178,000	195
25	12,812	4	1,460	------	------	4,461	3,776	3	682	------	16,374	15,601	773	51,141	196
67	37,784	------	------	2	400	4,143	1,804	173	1,483	683	21,342	20,964	378	91,957	197
496	267,333	2,236	633,604	97	14,586	315,916	71,509	2,591	103,033	138,783	1,937,564	1,919,819	17,745	3,979,408	198
253	113,928	69	17,934	2	364	42,965	6,103	2,633	31,704	2,525	966,181	950,944	15,237	1,285,411	199
35	20,800	------	------	------	------	5,091	4,256	19	816	------	25,700	25,010	690	66,500	200
676	307,079	1,628	487,794	202	31,583	299,965	55,878	2,563	94,451	147,073	2,291,674	2,255,688	35,986	4,531,794	201
54	38,586	------	------	1	150	3,810	1,110	737	1,963	------	53,033	52,083	950	178,550	202
353	198,110	------	------	------	------	73,903	12,116	5,347	56,440	------	4,317,472	4,290,873	26,599	5,128,823	203
261	173,848	1	500	2	152	147,771	95,999	2,570	49,202	------	6,003,593	5,990,843	12,750	6,891,639	204
98	48,338	------	------	------	------	38,942	2,385	1,251	35,306	------	912,183	904,387	7,796	1,092,352	205
340	162,286	143	33,129	16	3,015	433,544	12,762	4,885	415,197	700	1,554,511	1,534,996	19,515	2,716,357	206
163	77,684	2	520	------	------	52,409	9,220	1,574	41,615	------	181,600	179,803	1,797	454,102	207
177	76,446	173	43,844	21	3,270	8,972	3,145	656	5,171	------	203,720	201,924	1,796	495,765	208
280	172,632	------	------	------	------	131,762	10,000	1,850	119,912	------	761,131	727,981	33,150	1,375,521	209
406	123,037	194	103,289	6	884	13,751	3,126	1,365	8,410	850	235,394	227,887	7,507	578,220	210
9	2,660	7	1,872	4	668	3,563	1,795	------	1,668	100	13,607	13,220	387	47,000	211
255	152,432	11	2,736	15	3,523	70,143	6,880	2,259	61,004	------	382,781	378,435	4,346	809,225	212
203	87,378	35	8,710	------	------	52,916	12,330	413	39,673	500	385,866	378,618	7,248	769,116	213
10	4,296	------	------	------	------	1,770	1,422	166	182	------	5,762	5,700	62	31,217	214
246	147,696	------	------	10	2,000	23,970	12,100	------	11,060	810	117,269	110,890	6,379	404,319	215
1,171	635,231	60	8,911	18	3,450	604,871	11,600	25,693	564,578	3,000	33,658,440	33,414,459	243,981	36,163,817	216
160	101,833	84	25,383	9	1,412	54,015	8,628	1,758	30,629	13,000	160,944	157,871	3,073	530,190	217
2	664	------	------	------	------	633	444	56	133	------	3,490	3,480	10	9,750	218
264	86,743	76	19,095	------	------	38,202	375	1,628	36,199	------	1,378,564	1,371,712	6,852	1,761,936	219
2,206	1,194,412	43	11,231	55	12,496	247,195	80,859	9,792	143,855	12,689	2,146,642	2,126,648	19,994	4,731,473	220
34	16,894	14	4,169	------	------	117,133	602	1,339	115,192	------	102,939	101,113	1,826	303,246	221
4,153	2,038,973	1,751	511,471	128	21,364	1,258,818	114,209	6,552	1,137,979	78	3,321,261	3,312,938	8,323	8,687,349	222
232	131,928	13	2,500	6	958	13,825	4,794	1,546	7,485	------	292,776	281,960	10,816	657,928	223
103	51,156	42	13,945	87	10,899	26,702	2,106	920	22,166	1,510	74,452	72,829	1,623	240,640	224
210	101,938	16	5,231	8	1,148	45,427	16,091	224	22,612	6,500	220,731	219,465	1,266	492,730	225
579	276,881	976	259,707	73	13,786	198,216	37,090	1,061	159,990	75	1,879,852	1,862,805	17,047	3,145,446	226
442	197,772	762	205,973	78	12,588	133,680	16,980	5,791	106,965	3,944	1,771,336	1,754,586	16,750	2,769,758	227
127	90,673	1	240	1	100	115,278	2,600	4,707	55,971	52,000	1,027,649	1,020,056	7,593	1,523,259	228
38	23,016	------	------	------	------	7,781	2,500	430	4,851	------	142,380	139,985	2,395	214,075	229
4	1,875	------	------	------	------	384	204	20	160	------	3,190	3,180	10	8,650	230
294	180,073	10	3,726	33	4,644	80,893	47,161	1,950	10,064	21,718	178,264	174,053	4,211	826,389	231
9	4,500	------	------	------	------	1,397	1,092	------	305	------	13,333	13,173	160	28,675	232
116	48,803	12	4,989	3	566	16,287	2,912	1,538	11,637	200	164,144	163,009	1,135	332,350	233
65	29,953	------	------	------	------	2,040	600	406	1,034	------	158,508	151,812	6,696	218,390	234
239	116,094	55	10,994	36	3,250	11,901	5,742	603	4,956	600	199,842	195,316	4,526	496,056	235
325	145,389	------	------	33	4,308	24,077	10,481	1,033	12,113	450	155,127	149,330	5,797	427,538	236
77	44,832	4	611	18	2,754	17,621	5,740	29	11,852	------	79,905	78,466	1,439	182,194	237
5,102	2,307,245	3,579	1,177,305	757	138,215	1,098,240	89,865	29,022	725,934	253,419	11,751,088	11,551,911	199,177	18,340,012	238
69	36,203	------	------	------	------	6,568	2,400	690	3,478	------	7,703	5,243	2,460	75,206	239
2,799	1,278,239	3,300	917,067	1,308	234,297	1,408,925	88,404	15,189	891,080	414,252	10,518,700	10,376,616	142,084	16,242,250	240
12,907	6,836,642	859	259,720	858	161,402	1,657,420	100,502	66,636	1,283,883	206,399	32,693,939	32,058,103	635,836	49,557,878	241

spikes, cut and wrought, including wire nails, 2; iron and steel, pipe, wrought, 1; liquors, distilled, 2; mats and matting, 2; nets and seines, 1; oil, lard, 1; oil, linseed, 2; oilcloth, floor, 2; pens, fountain and stylographic, 1; pens, steel, 1; petroleum, refining, 2; phonographs and graphophones, 2; photographic apparatus, 2; sand and emery paper and cloth, 1; screws, machine, 2; sewing machines and attachments, 2; shipbuilding, iron and steel, 2; silversmithing, 2; tinfoil, 1; type founding, 2; typewriter repairing, 2; typewriters and supplies, 1; vault lights and ventilators, 1; watch cases, 2; wood, preserving, 1; wool scouring, 1.

TABLE 8.—MANUFACTURES IN CITIES

PITTSBURG.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	1,938	$193,162,900	$19,612,219	$23,001,802	$41,161,172	$109,387,707	2,253	5,064	$5,457,443	69,977	$36,684,563
2	Artificial limbs	3	20,085			8,585	11,500	4	11	4,212	33	13,994
3	Awnings, tents, and sails	7	57,875		300	4,925	52,650	8	10	5,965	61	27,452
4	Bicycle and tricycle repairing	13	13,135		100	4,715	8,320	17			5	2,114
5	Blacksmithing and wheelwrighting	83	301,186	75,100	45,060	33,383	147,643	97	5	2,580	170	110,794
6	Bookbinding and blank book making	7	40,808			25,000	15,808	8	3	3,000	87	32,692
7	Boots and shoes, custom work and repairing.	126	53,338	8,170	10,840	15,045	19,283	129	3	1,500	51	22,491
8	Bottling	22	219,078	46,800	46,500	26,240	99,538	26	12	12,458	105	60,403
9	Boxes, fancy and paper	4	48,929			18,116	30,813	6	1	225	137	31,711
10	Brass castings and brass finishing	5	199,894	24,000	14,000	35,437	126,457	2	21	15,666	87	53,003
11	Bread and other bakery products	83	2,122,318	169,850	312,536	1,100,845	539,087	88	219	198,374	1,108	424,123
12	Brick and tile	21	1,232,110	502,600	306,633	188,274	234,603	33	31	28,295	671	300,963
13	Brooms and brushes	4	243,965	4,000	5,000	28,245	206,720	10	2	1,800	134	42,200
14	Carpentering	68	1,344,493	140,970	105,296	72,033	1,026,194	94	41	33,510	895	549,071
15	Carpets, rag	5	6,350	1,000	1,150	2,200	2,000	5			15	4,456
16	Carriages and wagons	23	382,700	44,000	75,950	39,657	223,093	35	17	14,268	292	171,286
17	Cars and general shop construction and repairs by steam railroad companies.	4	170,635	16,500	57,500	50,115	46,520		43	36,823	921	417,505
18	Chemicals	4	650,324	121,200	94,000	288,253	146,871	1	23	19,007	88	50,920
19	China decorating	3	12,610			1,910	10,700	3	6	1,494	5	2,650
20	Clothing, men's, custom work and repairing.	142	756,271	66,400	74,000	22,845	593,026	173	67	54,242	728	375,927
21	Clothing, men's, factory product	12	926,304	150,000	100,000	29,500	646,804	28	55	44,228	735	247,158
22	Clothing, women's, dressmaking	55	137,516	500	700	14,180	122,136	61	14	8,516	331	107,444
23	Clothing, women's, factory product	9	1,010,840			11,240	999,600	17	28	34,766	325	133,232
24	Confectionery	11	334,878	18,000	22,000	39,432	255,446	15	129	55,810	322	76,075
25	Cooperage	10	214,121	54,400	37,040	10,629	112,052	13	3	3,000	252	131,261
26	Dyeing and cleaning	18	92,380	36,000	39,600	6,290	10,490	22	5	5,112	54	27,656
27	Electrical apparatus and supplies	8	16,070,738	221,348	1,888,427	2,023,537	11,937,426	7	431	562,431	5,938	3,302,790
28	Electrical construction and repairs	12	85,628	20,300	5,800	9,216	50,312	21	3	1,796	63	35,524
29	Engraving and diesinking	3	315			95	220	4				
30	Engraving, steel, including plate printing.	5	14,044			6,983	7,061	8	4	2,550	26	11,897
31	Food preparations	3	55,000	6,500	18,000	18,500	12,000	4	1	780	39	12,232
32	Foundry and machine shop products	83	14,897,525	2,656,636	2,206,332	3,611,596	6,422,961	82	448	564,233	6,359	3,609,721
33	Fur goods	4	119,075	27,000	8,000	4,275	79,800	4	7	2,566	26	7,796
34	Furniture, cabinetmaking, repairing, and upholstering.	9	9,345	1,600	3,650	1,305	2,790	12			8	5,272
35	Furniture, factory product	6	59,429	6,000	8,000	14,850	30,579	14	26	5,500	71	41,964
36	Galvanizing	3	68,026		7,000	9,746	51,280	3	2	980	66	22,975
37	Gas and lamp fixtures	5	75,263			15,400	59,863	6	17	17,156	66	31,307
38	Gas, illuminating and heating	3	11,751,033	350,471	343,000	3,273,200	7,784,362		22	19,143	128	81,295
39	Glass	16	3,588,202	835,274	748,444	631,786	1,372,698	5	107	136,971	2,104	1,132,985
40	Glass, cutting, staining, and ornamenting.	9	153,884	13,500	14,500	22,500	103,384	12	12	13,160	191	81,308
41	Hand stamps	5	24,720			8,600	16,120	8	10	6,118	29	14,603
42	Iron and steel	36	75,149,146	7,192,910	10,175,168	19,355,578	38,425,490	37	915	1,183,227	24,418	13,887,501
43	Iron and steel, bolts, nuts, washers, and rivets.	3	408,062	37,720	25,500	196,625	148,217	6	16	20,450	344	100,993
44	Ironwork, architectural and ornamental.	9	4,412,379	542,845	238,381	553,875	3,077,278	6	158	173,545	2,043	1,042,760
45	Leather goods	3	7,735			85	7,650	5	1	52	1	300
46	Liquors, malt	7	13,419,671	1,068,264	1,231,886	1,523,973	9,595,548		70	159,861	383	312,102
47	Lithographing and engraving	3	53,000	3,500	8,500	25,500	15,500	9	3	4,100	22	9,156
48	Lock and gun smithing	9	63,790	50,000	5,000	3,340	5,450	13	2	366	10	5,541
49	Looking-glass and picture frames	16	105,556	6,500	2,100	3,694	93,262	17	14	8,544	62	30,602
50	Lumber, planing mill products, including sash, doors, and blinds.	13	740,333	99,136	108,487	90,616	442,094	24	33	30,082	296	174,368
51	Marble and stone work	15	3,622,627	224,507	24,498	190,711	3,182,911	22	103	132,881	3,409	1,392,496
52	Masonry, brick and stone	32	1,444,900	90,500	100,520	71,814	1,182,066	46	60	57,550	1,231	707,350
53	Mattresses and spring beds	3	172,110	30,000	50,000	13,298	78,812	4	7	6,900	79	34,152
54	Millinery, custom work	38	345,899	43,800	30,000	5,349	266,750	44	124	46,356	198	61,353
55	Mineral and soda waters	10	137,785	21,000	11,200	48,010	57,575	10	22	16,622	52	23,408
56	Mirrors	4	64,417		3,238	21,204	39,975	7	7	6,368	90	32,853
57	Models and patterns	7	51,226		1,500	23,775	25,951	10	5	5,900	54	41,946
58	Monuments and tombstones	11	131,289	50,250	15,050	13,122	52,867	14	3	2,540	75	58,036
59	Oil, not elsewhere specified	3	134,644	46,515	15,701	7,575	64,853	2	16	27,778	12	5,942
60	Optical goods	7	94,400	20,000	10,000	8,490	55,910	10	19	8,302	24	17,247
61	Painting, house, sign, etc	47	323,421	48,000	53,100	18,463	203,858	59	15	10,286	325	194,757
62	Paints	6	1,024,114	137,500	155,100	147,525	583,989	3	43	62,409	184	73,293
63	Patent medicines and compounds	9	226,388		8,000	47,049	171,339	9	66	39,639	105	42,352
64	Petroleum, refining	4	1,183,609	252,628	25,489	369,687	535,805	2	30	48,745	140	74,714
65	Photography	27	49,463	400	1,200	18,675	29,188	30	9	4,108	42	21,829
66	Photolithographing and photoengraving.	6	34,075			17,500	16,575	11	6	3,692	50	27,518

BY SPECIFIED INDUSTRIES: 1900—Continued.

PITTSBURG.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
62,381	$34,809,175	5,873	$1,542,689	1,723	$332,699	$15,293,017	$929,081	$699,025	$11,045,033	$2,619,878	$116,833,174	$110,858,518	$5,974,656	$203,261,251	1
30	13,384	1	312	2	298	4,750	3,420		1,330		10,955	10,580	375	55,792	2
33	18,666	28	8,786			6,426	3,840	20	2,566		62,949	62,509	440	140,725	3
4	1,924			1	190	3,282	2,924	5	353		8,529	8,338	191	20,550	4
169	110,616			1	178	18,056	12,031	2,456	3,569		115,833	109,798	6,035	375,332	5
40	20,888	45	11,417	2	387	7,212	3,457	62	1,393	2,300	15,629	14,755	874	76,028	6
50	22,335			1	156	19,301	17,438	412	1,451		49,718	48,626	1,092	158,184	7
104	60,199			1	204	30,280	10,445	3,446	16,389		308,731	307,666	1,065	486,539	8
26	12,050	87	16,725	24	2,936	6,421	3,816	170	2,435		45,833	45,233	600	102,100	9
87	53,003					32,695	1,550	641	30,504		299,331	295,443	3,888	418,425	10
594	332,831	332	65,628	182	25,664	276,068	39,996	10,473	225,599		1,359,423	1,327,389	32,034	2,709,293	11
632	291,666			39	9,297	81,845	9,348	8,045	24,452	40,000	149,195	25,150	124,045	729,632	12
95	35,218	37	6,732	2	250	10,798	6,492	278	4,028		164,856	163,979	877	248,038	13
898	548,825			2	246	1,875,675	11,682	5,226	33,088	1,825,679	1,145,623	1,140,945	4,678	4,115,033	14
10	3,256	5	1,200			1,082	697	75	310		2,289	2,138	151	11,034	15
291	171,086			1	200	30,076	15,588	4,197	9,691	600	147,587	143,539	4,048	447,601	16
866	401,087	55	16,418			2,890		537	2,353		253,001	244,341	8,660	710,219	17
87	50,821			1	99	49,093	294	3,098	45,701		143,799	137,609	6,190	317,711	18
4	2,450	1	200			1,769	938	42	654	135	10,351	9,991	360	20,892	19
563	326,514	147	46,936	18	2,477	145,462	87,936	3,095	26,656	27,775	586,338	582,043	4,295	1,472,053	20
169	91,810	556	153,824	10	1,524	45,136	17,758	3,754	10,624	13,000	801,772	794,490	7,282	1,270,717	21
27	20,093	301	86,843	8	508	26,825	20,683	93	6,099		153,750	152,475	1,275	389,371	22
72	38,611	253	94,621			68,985	7,750	175	61,060		388,195	385,775	2,420	691,000	23
73	37,798	167	27,457	82	10,820	90,742	25,340	1,743	63,659		261,217	258,134	3,083	565,341	24
238	124,363			14	6,898	7,214	2,794	2,024	2,396		424,242	422,707	1,535	605,845	25
41	23,440	11	3,772	2	444	8,991	2,970	1,664	2,752	1,605	7,252	5,831	1,421	79,930	26
5,269	3,096,580	641	200,148	28	6,062	1,113,783	4,436	21,861	1,009,075	78,411	8,838,186	8,744,583	93,603	14,013,450	27
60	34,968			3	556	5,683	2,746	309	2,428	200	93,293	92,749	544	177,905	28
						264	264							5,300	29
20	10,663	5	1,130	1	104	2,354	1,390	60	904		9,237	9,068	169	39,114	30
24	9,268	15	2,964			1,729		629	1,100		52,925	51,525	1,400	80,717	31
6,290	3,593,094	15	5,099	54	11,528	755,411	67,874	98,376	578,301	10,860	8,165,696	7,879,939	285,757	15,545,561	32
9	4,950	17	2,846			4,263	1,700	760	1,763	40	79,525	79,093	432	113,500	33
7	5,152	1	120			1,384	1,146	126	112		9,644	9,595	49	26,988	34
69	41,340	2	624			7,373	3,825	318	3,080	150	42,718	40,905	1,813	136,645	35
66	22,975					7,700	2,072	1,278	4,350		74,025	70,969	3,056	108,206	36
53	28,764	12	2,361	1	182	15,180	6,940	179	8,061		69,945	69,080	865	155,850	37
128	81,295					70,759	1,200	23,456	46,103		79,361	77,017	2,344	667,241	38
1,461	972,562	175	43,857	468	116,566	136,944	2,920	20,739	113,285		741,562	559,751	181,811	2,429,686	39
87	51,949	97	27,859	7	1,500	12,734	4,365	781	7,588		168,873	162,925	5,948	349,161	40
27	14,291			2	312	5,659	2,870	87	2,702		10,983	10,491	492	51,945	41
23,821	13,765,044	290	58,580	307	63,877	4,505,421	66,820	218,619	4,184,461	35,521	59,322,561	54,785,332	4,537,229	90,798,086	42
289	82,360	21	8,750	34	9,883	8,937	2,250	2,100	4,587		371,265	359,969	11,296	573,121	43
2,028	1,038,939			15	3,821	183,659	4,765	14,621	163,230	1,043	4,396,141	4,362,646	33,495	6,111,943	44
1	300					407	291	29	87		4,702	4,701	1	6,525	45
333	312,102					1,525,061		62,012	1,463,049		677,672	626,110	51,562	3,586,393	46
20	8,740	1	260	1	156	2,652	1,300	627	725		13,205	12,990	215	31,600	47
8	5,111	1	286	1	144	3,022	1,665	1,008	349		9,427	9,235	192	25,633	48
53	28,710	2	662	7	1,230	13,199	11,142	668	1,389		78,508	77,889	619	162,030	49
296	174,368					28,816	6,168	4,867	17,781		474,749	468,023	6,726	827,059	50
3,409	1,392,496					213,949	4,665	10,570	48,119	150,595	886,864	877,627	9,237	3,189,631	51
1,231	707,350					368,098	9,686	4,877	28,241	325,294	1,468,650	1,465,018	3,632	2,921,294	52
60	28,026	19	6,126			23,450	3,780	914	18,756		157,959	157,209	750	245,597	53
7	3,848	185	56,491	6	1,014	62,050	32,503	1,658	27,189	700	287,411	286,447	964	574,250	54
45	22,008	2	600	5	800	19,320	1,967	1,305	16,048		41,119	40,629	490	130,816	55
63	26,717	27	6,136			11,309	3,707	407	7,195		52,776	50,708	2,068	117,465	56
53	41,746	1	200			5,009	3,310	172	1,527		22,897	21,520	1,377	100,818	57
75	58,036					15,729	1,520	1,487	1,562	11,160	59,626	58,740	886	168,908	58
12	5,942					4,486	1,375	840	2,271		252,457	252,182	275	322,956	59
22	16,822			2	425	7,926	5,600	212	2,114		27,992	27,140	852	85,690	60
319	193,433	1	480	5	844	21,670	13,364	1,593	6,713		150,322	149,743	579	485,903	61
170	69,543	14	3,750			50,847	1,495	4,751	42,801	1,800	797,190	782,947	14,243	1,402,038	62
58	29,776	47	12,576			133,080	9,441	2,380	121,259		289,287	287,537	1,750	685,148	63
140	74,714					56,660	840	8,708	44,223	2,889	1,051,617	1,021,887	29,730	1,315,040	64
27	17,725	14	3,974	1	130	21,317	12,606	281	6,272	2,158	30,901	30,458	443	132,099	65
45	26,582	3	624	2	312	7,031	3,935	17	1,196	1,883	13,966	12,433	1,533	78,757	66

TABLE 8.—MANUFACTURES IN CITIES

PITTSBURG—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
67	Plumbing, and gas and steam fitting	107	$638,693	$57,875	$68,600	$56,796	$455,422	139	38	$24,954	481	$313,851
68	Pottery, terra cotta, and fire-clay products.	8	2,774,471	462,939	935,279	158,503	1,217,750	------	143	136,964	1,995	509,035
69	Printing and publishing, book and job	67	1,100,015	134,500	93,347	533,824	338,344	91	90	75,076	886	434,481
70	Printing and publishing, newspapers and periodicals.	45	3,849,792	330,500	612,150	1,147,855	1,759,287	29	444	390,857	1,229	966,818
71	Roofing and roofing materials	15	194,899	28,000	29,175	12,175	125,549	22	9	6,437	147	74,228
72	Saddlery and harness	32	141,389	10,700	18,650	13,630	98,409	37	9	7,400	99	53,255
73	Shirts	8	52,416	------	------	9,473	42,943	12	27	15,243	155	42,259
74	Slaughtering and meat packing, wholesale.	5	786,810	130,113	44,362	28,040	584,295	6	47	42,713	150	93,950
75	Smelting and refining, not from the ore	5	347,350	43,000	33,500	22,250	248,600	------	10	18,830	87	49,731
76	Steam fittings and heating apparatus	9	356,158	------	------	63,250	292,908	1	47	55,590	205	99,345
77	Stereotyping and electrotyping	4	53,696	------	------	15,900	37,796	2	15	14,868	28	11,288
78	Tin and terne plate	4	374,336	65,000	32,000	112,700	164,636	4	19	20,130	215	115,647
79	Tinsmithing, coppersmithing, and sheet-iron working.	54	547,818	73,100	63,832	106,282	304,604	76	33	29,405	430	211,836
80	Tobacco, cigars and cigarettes	147	714,730	151,407	164,165	85,580	313,578	157	61	45,081	1,365	460,739
81	Tools, not elsewhere specified	6	545,903	47,000	44,000	123,513	331,390	5	34	42,802	317	189,279
82	Trunks and valises	3	15,917	2,000	8,000	320	10,597	4	2	850	12	5,680
83	Watch, clock, and jewelry repairing	68	130,376	14,250	17,100	37,710	61,316	71	9	3,152	131	78,577
84	Wirework, including wire rope and cable.	4	193,470	------	------	32,100	161,370	4	2	4,200	13	5,870
85	Wood, turned and carved	3	3,190	------	------	2,100	1,090	3	2	700	2	858
86	All other industries [1]	100	19,377,062	2,477,741	1,943,666	4,094,955	10,860,700	105	437	543,653	5,655	2,787,017

[1] Embraces artists' materials, 1; babbitt metal and solder, 2; baking and yeast powders, 1; baskets, and rattan and willow ware, 1; belting and hose, leather, 1; bicycles and tricycles, 1; boots and shoes, factory product, 1; boxes, wooden packing, 2; brassware, 2; bridges, 2; cars and general shop construction and repairs by street railroad companies, 1; cars, steam railroad, not including operations of railroad companies, 2; cleansing and polishing preparations, 1; coffee and spice, roasting and grinding, 2; coffins, burial cases, and undertakers' goods, 1; coke, 2; cork, cutting, 2; cotton waste, 1; cutlery and edge tools, 1; druggists' preparations, not including prescriptions, 1; electroplating, 2; explosives, 1; fancy articles, not elsewhere specified, 1; fertilizers, 2; flavoring extracts, 2; flouring and grist mill products, 2; foundry supplies, 2; fruits and vegetables, canning and preserving, 1; fur hats, 2; furnishing goods, men's, 2; gas and oil stoves, 2; gas machines and meters, 1; grease and tallow, 1; hairwork, 1; hats and caps, not including fur hats and wool hats, 2; house furnishing goods, not elsewhere specified, 2; ice,

READING.

1	All industries	843	$27,975,628	$2,458,523	$4,469,370	$6,999,595	$14,048,140	989	1,073	$924,551	19,165	$7,544,950
2	Bicycle and tricycle repairing	7	7,276	------	------	3,585	3,691	9	2	500	7	2,508
3	Bicycles and tricycles	4	656,816	54,380	67,662	137,346	397,428	------	37	28,722	407	165,106
4	Blacksmithing and wheelwrighting	27	21,640	8,000	4,385	3,950	5,305	30	------	------	27	12,721
5	Bookbinding and blank book making	3	27,100	5,000	7,000	10,574	4,526	3	2	780	33	10,671
6	Boots and shoes, custom work and repairing.	52	21,065	6,600	6,065	4,510	3,890	51	2	900	15	6,642
7	Bottling	6	63,150	11,250	17,700	20,300	13,900	6	3	1,449	28	12,478
8	Boxes, cigar	3	67,030	4,500	15,000	8,000	39,530	5	1	68	74	19,892
9	Boxes, fancy and paper	5	66,109	6,450	15,000	24,225	20,434	9	2	1,500	111	27,444
10	Brass castings and brass finishing	3	31,763	13,000	7,000	3,400	8,363	4	5	3,250	15	9,170
11	Bread and other bakery products	51	284,713	50,000	82,825	95,388	56,500	59	31	18,666	217	104,412
12	Brick and tile	3	9,750	1,000	3,200	1,300	4,250	3	------	------	24	7,887
13	Brooms and brushes	7	27,550	2,050	3,675	2,875	18,950	11	5	1,018	43	12,805
14	Carpentering	47	194,492	4,150	3,010	7,935	179,397	55	6	4,470	267	132,190
15	Carpets, rag	8	11,425	3,800	5,200	905	1,520	9	1	312	5	1,910
16	Carriages and wagons	12	443,721	55,000	76,359	75,578	236,784	11	21	9,737	203	83,115
17	Cars and general shop construction and repairs by steam railroad companies.	4	2,069,203	48,043	465,000	323,141	1,233,019	------	46	45,845	1,962	1,045,675
18	Clothing, men's, custom work and repairing.	41	236,094	41,700	34,800	8,190	151,404	48	23	14,748	315	111,504
19	Clothing, men's, factory product	4	185,292	23,500	26,000	3,900	131,892	9	11	18,941	172	52,583
20	Clothing, women's, dressmaking	11	9,850	2,300	2,800	3,025	1,725	17	------	------	54	15,109
21	Clothing, women's, factory product	5	18,465	------	------	5,325	13,140	9	------	------	49	12,013
22	Coffee and spice, roasting and grinding	3	12,158	1,000	1,500	2,050	7,608	4	1	700	3	1,728
23	Confectionery	21	164,191	30,500	40,588	51,087	42,016	25	41	32,224	328	71,076
24	Dyeing and finishing textiles	4	36,771	------	------	17,495	19,276	5	3	1,000	23	9,050
25	Electrical construction and repairs	6	15,311	100	75	400	14,736	6	1	290	13	6,805
26	Foundry and machine shop products	27	2,799,240	274,246	436,176	567,304	1,521,514	30	99	90,705	1 572	681,574
27	Fur hats	3	623,408	48,000	66,055	101,130	408,223	6	20	19,767	731	283,000
28	Furniture, cabinetmaking, repairing, and upholstering.	14	28,326	3,000	3,100	3,710	18,516	17	3	750	18	9,272
29	Hardware	4	1,734,544	86,000	185,438	516,657	946,449	4	119	98,284	1,587	600,861
30	Hosiery and knit goods	21	710,128	33,950	82,904	283,832	309,442	24	50	38,315	1,667	390,857
31	Iron and steel	7	8,132,619	536,460	1,395,829	1,925,228	4,275,102	1	108	157,689	3,769	1,612,011
32	Ironwork, architectural and ornamental.	4	50,663	------	------	7,679	42,984	4	3	3,640	49	21,299
33	Lime and cement	3	950	100	300	55	495	4	------	------	5	1,605
34	Liquors, malt	6	1,032,510	133,200	290,434	213,340	395,536	8	19	25,732	119	66,361
35	Looking-glass and picture frames	4	9,675	325	325	660	8,365	4	------	------	7	2,778
36	Lumber, planing mill products, including sash, doors, and blinds.	5	178,949	15,675	25,050	38,376	99,848	7	6	4,666	146	69,467

BY SPECIFIED INDUSTRIES: 1900—Continued.

PITTSBURG—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
478	$313,426			3	$425	$52,014	$26,566	$3,099	$22,236	$113	$632,144	$627,491	$4,653	$1,297,816	67
1,978	505,801	16	$3,034	1	200	86,252	2,806	15,586	55,360	12,500	839,153	726,475	112,678	2,118,902	68
581	359,924	249	66,537	56	8,020	116,728	45,433	8,239	41,778	21,278	513,223	498,839	14,384	1,396,292	69
1,124	926,640	96	38,506	9	1,672	457,182	78,196	21,046	309,949	47,991	835,531	812,364	23,167	3,247,809	70
146	73,916			1	312	9,297	3,934	1,882	3,481		288,964	288,386	578	427,625	71
97	52,999			2	256	15,504	10,308	875	4,321		83,960	83,362	598	229,895	72
6	4,976	147	36,997	2	286	5,892	2,492	50	3,295	55	75,803	74,581	1,222	157,579	73
148	93,525	2	425			28,001	4,650	2,876	20,475		1,779,600	1,774,137	5,463	2,054,521	74
87	49,781					17,583	1,640	810	14,613	520	1,005,020	997,008	8,012	1,239,309	75
201	98,025	4	1,320			32,178	10,120	1,007	21,051		344,466	340,011	4,455	644,180	76
20	9,776			8	1,512	4,143	2,222		1,921		17,151	16,386	765	70,437	77
191	110,451	24	5,196			10,534	500	3,321	6,713		1,451,335	1,444,296	7,039	1,837,926	78
410	208,239	5	1,535	15	2,062	47,815	19,464	2,872	21,856	3,623	378,395	372,124	6,271	861,476	79
474	229,621	790	225,722	101	5,396	708,689	14,789	5,672	688,228		371,666	368,283	3,383	1,757,499	80
302	185,488			15	3,791	25,249	5,050	5,199	15,000		307,449	289,189	18,260	666,258	81
12	5,680					1,607	850	126	631		7,260	7,255	5	19,890	82
123	77,340			8	1,237	16,165	10,811	1,132	4,222		77,824	76,409	1,415	251,378	83
12	5,714			1	156	8,599	1,947	49	6,603		31,637	31,127	510	59,831	84
2	858					578	470	36	72		1,470	1,259	211	7,935	85
4,586	2,585,822	906	176,043	163	25,152	1,363,558	69,703	59,735	1,234,120		11,499,488	11,243,242	256,246	20,717,239	86

manufactured, 2; ink, writing, 1; iron and steel, forgings, 2; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; iron and steel, pipe, wrought, 1; lamps and reflectors, 2; lead, bar, pipe, and sheet, 1; lime and cement, 1; liquors, distilled, 1; millinery and lace goods, 1; oil, linseed, 1; oleomargarine, 1; paper hanging, 2; perfumery and cosmetics, 1; photographic materials, 1; plastering and stuccowork, 1; plated and britannia ware, 1; plumbers' supplies, 1; printing and publishing, music, 1; printing materials, 1; refrigerators, 1; regalia and society banners and emblems, 1; sand and emery paper and cloth, 1; saws, 1; ship and boat building, wooden, 2; show cases, 1; soap and candles, 2; springs, steel, car and carriage, 2; stamped ware, 2; surgical appliances, 1; taxidermy, 1; tobacco, chewing, smoking, and snuff, 2; umbrellas and canes, 1; upholstering materials, 1; varnish, 1; wheelbarrows, 1; window shades, 1.

READING.

14,351	$6,449,268	3,786	$958,704	1,028	$136,983	$5,085,456	$169,140	$92,480	$1,570,746	$3,253,090	$19,089,332	$18,301,154	$788,178	$36,902,511	1
7	2,508					763	678		85		7,948	7,782	166	16,306	2
354	154,565	26	6,410	27	4,131	55,094	4,182	363	50,549		525,133	518,674	6,459	816,332	3
27	12,721					2,152	1,816	177	134	25	12,770	12,012	758	48,318	4
14	6,044	19	4,627			1,286	430	123	733		7,180	6,572	608	26,071	5
12	5,966	3	676			3,104	2,127	162	291	524	23,232	22,866	366	57,526	6
28	12,478					10,330	460	480	9,390		51,941	51,009	932	88,541	7
35	11,909	35	7,489	4	494	3,684	960	245	2,479		71,037	70,307	730	104,456	8
26	11,082	66	13,852	19	2,510	4,513	840	330	3,343		39,125	37,794	1,331	99,544	9
15	9,170					926	220	280	426		14,577	13,682	895	34,503	10
212	103,405	2	551	3	456	21,935	4,578	2,292	15,065		233,547	223,409	10,138	501,197	11
19	6,687			5	1,200	1,262	830	52	380		2,903	588	2,315	17,525	12
35	11,460	5	936	3	409	1,937	336	70	1,531		44,697	44,582	115	73,604	13
267	132,190					197,403	1,345	718	3,179	192,161	365,226	364,885	341	782,571	14
5	1,910					419	174	89	156		6,647	6,582	65	13,529	15
203	83,115					13,262	1,855	962	9,945	500	104,685	101,499	3,186	307,859	16
1,962	1,045,675					2,968,665		8,584	9,742	2,950,339	2,254,943	2,242,323	12,620	6,315,128	17
129	62,422	185	48,978	1	104	21,905	10,453	844	8,830	1,778	180,228	178,747	1,481	407,149	18
46	20,780	114	29,987	12	1,816	6,629	1,674	486	4,469		241,139	240,741	398	359,771	19
4	1,620	50	13,489			1,258	1,150	48	60		9,703	9,402	301	30,869	20
4	1,425	39	9,562	6	1,026	1,618	914	44	660		29,726	29,246	480	55,341	21
3	1,728					1,189	240	316	633		19,206	18,865	341	24,761	22
191	46,300	111	20,448	26	4,328	16,977	5,600	845	10,532		249,146	244,358	4,788	420,169	23
21	8,660			2	390	1,613	879		734		15,921	13,097	2,824	32,942	24
13	6,805					1,798	1,146	2	650		42,070	42,050	20	61,163	25
1,565	679,822			7	1,752	123,718	7,848	8,220	107,650		1,269,309	1,215,533	53,776	2,437,355	26
498	233,939	198	44,473	35	4,588	40,806	1,200	1,260	38,346		765,247	749,046	16,201	1,133,688	27
18	9,272					1,987	1,384	88	515		14,812	14,391	421	37,010	28
1,280	551,125	80	17,262	227	32,474	39,237	60	4,625	34,552		562,569	535,301	27,268	1,611,268	29
183	75,674	1,184	279,337	300	35,846	53,266	5,420	1,887	40,307	5,652	696,527	681,689	14,838	1,326,397	30
3,732	1,606,460			37	5,551	344,793	250	14,061	330,482		6,320,660	5,816,234	504,426	9,530,286	31
49	21,299					5,807	1,092		4,715		66,227	65,572	655	113,267	32
5	1,605					785	350	5	90	340	1,922	752	1,170	6,100	33
119	66,361					393,600	13,520	17,066	363,014		189,777	176,212	13,565	881,665	34
7	2,778					513	328	10	175		5,791	5,731	60	11,195	35
146	69,467					7,280	581	680	6,019		184,636	182,566	2,070	302,339	36

TABLE 8.--MANUFACTURES IN CITIES

READING—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
37	Marble and stone work	8	$86,635	$17,800	$8,300	$15,685	$44,850	13	2	$936	49	$22,063
38	Masonry, brick and stone	14	87,902	2,900	3,420	17,175	64,407	22	9	3,050	275	129,945
39	Millinery, custom work	11	64,547	8,100	7,650	582	48,215	14	29	7,080	81	26,136
40	Models and patterns	4	7,517	1,800	1,200	2,802	1,715	4			5	1,728
41	Monuments and tombstones	7	82,410	12,300	2,350	5,025	62,735	11	4	2,500	59	33,725
42	Optical goods	3	268,090	10,000	25,000	173,000	60,090	3	20	15,289	154	34,640
43	Painting, house, sign, etc	42	84,423	12,725	18,925	8,751	44,022	55	3	860	156	70,399
44	Paints	5	154,776	29,500	25,000	23,600	76,676	1	12	13,716	23	9,484
45	Paper and wood pulp	3	549,913	93,000	84,000	165,000	207,913		13	23,787	129	52,021
46	Paper hanging	3	14,750	400	600	1,350	12,400	3	1	380	11	5,272
47	Paving and paving materials	9	11,910	4,975	1,875	1,170	3,890	9			57	19,353
48	Photography	9	49,287	17,500	12,000	8,975	10,812	10	5	1,134	37	16,254
49	Plastering and stuccowork	8	12,170	1,050	1,050	1,055	9,015	10			40	18,179
50	Plumbing, and gas and steam fitting	25	125,583	14,600	14,825	9,006	87,152	27	6	3,240	128	58,808
51	Pottery, terra cotta, and fire-clay products.	3	240,815	51,000	60,000	21,000	108,815	3	7	6,804	86	27,011
52	Printing and publishing, book and job	17	121,607	6,350	11,200	70,400	33,657	26			63	27,485
53	Printing and publishing, newspapers and periodicals.	10	391,723	79,500	65,500	105,660	141,063	5	31	21,625	176	88,999
54	Roofing and roofing materials	8	24,945	5,700	4,700	1,595	12,950	9	1	78	43	19,995
55	Saddlery and harness	7	25,235	8,000	3,500	1,710	12,025	8	1	500	15	6,116
56	Shirts	5	41,456	9,000	3,000	3,279	26,177	9	8	4,580	74	16,905
57	Tinsmithing, coppersmithing, and sheet-iron working.	38	158,281	48,830	33,600	18,160	57,691	45	9	2,920	83	37,585
58	Tobacco, cigars and cigarettes	76	750,497	58,775	154,848	29,747	507,127	91	62	53,078	1,107	421,775
59	Watch, clock, and jewelry repairing	22	34,326	8,800	5,400	10,451	9,675	22			26	15,735
60	Wool hats	4	450,149	33,000	38,000	42,300	336,849	8	1	600	295	126,558
61	All other industries[1]	67	4,154,734	419,639	512,972	1,789,662	1,432,461	84	178	137,726	1,928	585,200

[1] Embraces artificial feathers and flowers, 1; bags, paper, 2; baskets, and rattan and willow ware, 2; boots and shoes, factory product, 1; boxes, wooden packing, 1; brassware, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by street railroad companies, 2; cheese and butter, urban dairy products, 2; cheese, butter, and condensed milk, factory product, 1; cordage and twine, 1; cotton goods, 1; cotton small wares, 1; cutlery and edge tools, 1; dyeing and cleaning, 1; electroplating, 1; fancy articles, not elsewhere specified, 1; flouring and grist mill products, 1; food preparations, 1; furnishing goods, men's, 2; gas, illuminating and heating, 1; glass, 1; glass, cutting, staining, and ornamenting, 1; grease and tallow, 1; hairwork, 1; hand stamps, 1; hats and caps, not including fur hats and wool hats, 2; house furnishing goods, not elsewhere specified, 2; ice, manufactured, 2; iron and steel, bolts, nuts, washers,

SCRANTON.

1	All industries	710	$19,954,525	$2,303,113	$3,768,815	$5,227,697	$8,654,900	771	661	$791,589	12,669	$5,191,522
2	Bicycle and tricycle repairing	7	19,615	3,000	3,975	8,190	4,450	10	1	1,300	24	10,565
3	Blacksmithing and wheelwrighting	48	58,300	18,400	9,565	10,870	19,465	52			52	22,221
4	Boots and shoes, custom work and repairing.	71	18,160	2,700	1,075	7,870	6,515	71			16	7,155
5	Bottling	10	19,190	2,400	1,800	3,210	11,780	12	3	1,130	19	7,824
6	Bread and other bakery products	27	191,711	33,500	55,282	46,022	56,907	30	28	17,918	132	55,453
7	Brick and tile	3	60,161	19,500	9,500	10,500	20,661	11	2	1,620	67	22,520
8	Carpentering	18	198,433	42,966	41,105	13,202	101,160	22	15	14,520	207	112,563
9	Carpets, rag	8	5,395	2,200	1,500	895	800	8			2	404
10	Carriages and wagons	9	344,396	137,700	74,700	25,834	106,162	13	8	4,296	129	65,333
11	Clothing, men's, custom work and repairing.	56	87,670	9,300	9,500	10,410	58,460	57	1	1,040	165	68,582
12	Clothing, women's, dressmaking	18	13,345			3,350	9,995	18			60	12,682
13	Clothing, women's, factory product	8	35,500			17,500	18,000	4	6	3,320	322	59,950
14	Dyeing and cleaning	7	10,775	3,000	2,500	4,300	975	8			15	5,690
15	Electrical construction and repairs	4	7,175			2,175	5,000	4	3	5,000	9	6,270
16	Flavoring extracts	5	22,775	6,400	4,625	2,600	9,150	5	5	3,664	7	3,530
17	Flouring and grist mill products	4	335,000	107,000	73,000	48,000	107,000	5	8	11,940	35	17,722
18	Foundry and machine shop products	13	3,953,580	842,784	888,644	841,663	1,380,489	10	52	90,994	1,381	706,787
19	Furniture, cabinetmaking, repairing, and upholstering.	8	6,595	700	900	1,485	3,510	9			5	2,100
20	Hats and caps, not including fur hats and wool hats.	3	1,855			780	1,075	3			5	2,080
21	Iron and steel	5	4,400,779	140,000	500,215	909,322	2,851,242	1	60	144,094	2,315	1,227,788
22	Liquors, malt	6	1,431,012	186,625	490,634	457,425	296,328		29	92,077	181	116,666
23	Looking-glass and picture frames	3	4,100			800	3,300	3			3	1,038
24	Lumber, planing mill products, including sash, doors, and blinds.	11	592,507	166,050	73,131	80,959	272,367	12	21	20,430	277	119,994
25	Marble and stone work	7	235,648	40,100	22,594	100,214	72,740	6	6	6,160	90	46,041
26	Masonry, brick and stone	13	182,080	33,800	21,300	38,990	87,990	19	15	13,440	528	279,299
27	Mattresses and spring beds	3	69,313	12,000	22,489	9,000	25,824	3	5	3,725	28	12,284
28	Millinery, custom work	21	75,582	4,750	10,500	5,436	54,896	24	42	16,375	104	21,395
29	Mineral and soda waters	4	36,200	10,500	7,500	11,800	6,400	7	2	1,520	22	8,604
30	Painting, house, sign, etc	64	57,462	12,500	14,850	7,610	22,502	70	2	900	172	91,374
31	Paper hanging	10	4,970	1,700	1,200	995	1,075	11			13	6,266
32	Patent medicines and compounds	6	3,925	1,000	400	1,300	1,225	7	1	400	6	1,780
33	Photography	11	35,727	2,000	1,000	16,699	16,028	12	6	8,400	27	8,909
34	Plastering and stuccowork	3	865			375	490	3			3	1,200
35	Plumbing, and gas and steam fitting	40	158,552	13,225	16,400	16,709	112,218	51	16	9,746	169	86,128
36	Printing and publishing, book and job	13	74,898	5,575	5,000	53,462	10,861	16	3	1,280	50	22,715

BY SPECIFIED INDUSTRIES: 1900—Continued.

READING—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
49	$22,063					$1,167	$339	$108	$720		$31,024	$30,542	$482	$68,996	37
275	129,945					63,191	1,612	141	2,093	$59,345	78,516	77,724	792	314,184	38
		81	$26,136			9,915	5,848	194	3,873		89,849	88,925	924	163,102	39
5	1,728					521	356	30	135		2,547	2,287	260	7,617	40
59	33,725					1,518	956	157	405		21,717	21,114	603	79,521	41
14	8,400	126	23,240	14	$3,000	4,322	560	400	3,362		96,140	95,500	640	184,770	42
156	70,399					6,960	3,549	407	2,629	375	59,721	59,387	334	190,636	43
21	8,808	2	676			5,195	90	1,418	3,687		117,524	116,603	921	168,846	44
90	45,104	39	6,917			52,106		3,001	49,105		214,041	193,114	20,927	429,205	45
11	5,272					1,040	800	15	225		8,245	8,205	40	18,150	46
57	19,353					655	25	105	525		28,164	28,159	5	57,837	47
20	11,600	17	4,654			4,289	1,758	420	1,711	400	14,366	13,642	724	52,116	48
40	18,179					1,000		32	90	878	18,210	18,210		43,966	49
128	58,808					5,973	3,248	466	2,259		132,794	132,269	525	249,163	50
84	26,911			2	100	1,770		733	1,037		28,688	24,678	4,010	105,128	51
54	26,441			9	1,044	7,062	2,328	257	4,477		35,020	32,872	2,148	99,447	52
147	84,070	14	3,090	15	1,839	50,360	4,635	1,190	40,058	4,477	49,483	45,950	3,533	309,266	53
43	19,995					1,748	247	137	1,364		39,678	39,583	95	73,725	54
15	6,116					2,550	1,904	170	476		12,275	12,091	184	28,261	55
3	1,225	71	15,680			1,387	490	174	723		39,541	39,226	315	76,155	56
82	37,416			1	169	10,039	3,233	1,128	5,478	200	102,072	101,018	1,054	200,746	57
526	235,725	540	180,254	41	5,796	260,252	6,297	2,239	251,701	15	784,094	781,404	2,690	1,683,466	58
25	15,631			1	104	3,760	2,462	156	1,142		11,041	10,529	512	46,327	59
157	80,273	104	41,299	34	4,986	6,769	300	1,672	4,797		293,860	288,813	5,047	528,130	60
1,056	403,649	675	158,681	197	22,870	230,393	53,183	12,316	128,813	36,081	2,150,515	2,095,210	55,305	3,638,006	61

and rivets, 1; iron and steel, forgings, 1; lamps and reflectors, 1; leather, tanned, curried, and finished, 2; lock and gun smithing, 1; malt, 1; mattresses and spring beds, 1; mirrors, 1; patent medicines and compounds, 1; photolithographing and photoengraving, 1; regalia and society banners and emblems, 2; sewing machine repairing, 1; silk and silk goods, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 1; stereotyping and electrotyping, 1; tobacco, chewing, smoking, and snuff, 2; toys and games, 1; trunks and valises, 1; umbrellas and canes, 1; washing machines and clothes wringers, 2; window shades, 1; wirework, including wire rope and cable, 1; wood, turned and carved, 1; woolen goods, 2.

SCRANTON.

8,776	$4,509,263	2,863	$525,849	1,030	$156,410	$1,857,881	$154,034	$91,394	$1,159,672	$452,781	$18,411,022	$17,340,548	$1,070,474	$27,646,418	1
24	10,565					3,211	1,420	295	1,496		7,702	7,321	381	26,286	2
51	22,077			1	144	6,606	5,489	300	817		28,964	26,896	2,068	99,702	3
16	7,155					7,458	6,773	90	595		26,320	26,008	312	73,873	4
19	7,824					5,105	1,992	169	2,944		78,170	77,923	247	121,524	5
88	46,940	28	6,513	16	2,000	14,518	7,176	682	6,660		207,973	203,131	4,842	357,666	6
66	22,220			1	300	3,103	1,275	270	1,558		3,653	650	3,003	42,000	7
207	112,563					47,940	1,121	888	2,591	43,340	194,947	194,334	613	426,906	8
2	404					435	372	39	24		2,051	2,001	50	5,994	9
124	64,412			5	921	7,960	2,444	1,280	4,236		81,895	80,422	1,473	220,703	10
94	47,792	71	20,790			21,487	11,878	191	8,958	460	74,806	73,886	920	216,992	11
		60	12,682			4,654	3,814		840		25,925	25,830	95	57,087	12
7	3,150	294	53,000	21	3,800	3,478	2,820		370	288	50,420	49,720	700	133,270	13
8	3,920	7	1,770			2,890	2,600	25	265		1,847	1,437	410	16,685	14
9	6,270					6,509	632		877	5,000	47,525	47,410	115	89,316	15
5	2,980	2	550			1,396	396	75	925		9,101	8,951	150	23,780	16
35	17,722					11,175	720	2,233	8,222		394,608	392,275	2,333	461,790	17
1,368	704,382			13	2,405	217,320	1,920	18,718	196,682		853,604	819,807	33,797	1,755,909	18
5	2,100					1,229	1,008	16	205		9,105	9,067	38	18,970	19
4	1,780	1	300			1,641	1,316		325		2,026	1,945	81	9,080	20
2,315	1,227,788					57,258		23,659	33,599		9,363,721	8,418,542	945,179	10,231,139	21
181	116,666					550,427		15,322	535,105		220,250	212,384	7,866	1,196,105	22
2	960			1	78	1,480	1,200		280		7,833	7,808	25	17,600	23
277	119,994					12,369	404	1,849	10,116		378,948	375,242	3,706	610,201	24
90	46,041					5,357	376	812	4,169		53,220	52,657	563	123,090	25
528	279,299					117,254	4,520	1,242	3,309	108,183	193,014	192,544	470	716,571	26
22	10,724	5	1,560			3,356	240	381	2,735		33,233	32,907	326	75,500	27
		104	21,395			16,140	13,165	197	2,778		66,489	65,976	513	148,661	28
22	8,604					2,281	264	321	1,696		16,691	16,559	132	52,696	29
168	90,374			4	1,000	5,843	4,556	352	935		67,012	66,927	85	222,510	30
13	6,266					779	553	61	165		3,790	3,780	10	19,770	31
2	1,020	3	640	1	120	2,019	924	30	1,065		4,305	4,260	45	11,470	32
11	5,802	14	2,881	2	276	7,251	4,901	10	2,340		16,990	16,870	120	53,150	33
3	1,200					328	308		20		970	935	35	3,945	34
167	85,760			2	368	21,472	9,966	448	9,108	1,950	215,126	213,817	1,309	415,747	35
42	21,434			8	1,281	5,715	3,668	150	1,897		21,464	20,099	1,365	66,717	36

TABLE 8.—MANUFACTURES IN CITIES

SCRANTON—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
37	Printing and publishing, newspapers and periodicals.	23	$919,093	$26,300	$59,700	$243,456	$589,637	23	74	$51,889	319	$155,797
38	Saddlery and harness	10	25,270	1,300	2,200	3,515	18,255	12	2	1,500	20	9,316
39	Silk and silk goods	5	1,641,251	59,000	359,290	633,792	589,169	6	50	77,077	2,318	863,476
40	Tinsmithing, coppersmithing, and sheet-iron working.	7	29,474	2,800	2,700	3,875	20,099	12	2	490	45	16,790
41	Tobacco, chewing, smoking, and snuff	3	188,933	38,000	44,291	16,240	90,402	6	19	16,735	102	36,672
42	Tobacco, cigars and cigarettes	24	84,785	4,200	6,400	5,855	68,330	28	8	4,868	108	42,291
43	Watch, clock, and jewelry repairing	23	15,560			5,461	10,099	24			17	8,476
44	All other industries[1]	73	4,296,908	310,138	929,350	1,545,551	1,511,869	63	166	163,741	3,100	1,317,792

[1] Embraces artificial limbs, 2; bookbinding and blank book making, 2; boot and shoe cut stock, 1; boxes, cigar, 1; brass castings and brass finishing, 1; brassware, 1; brooms and brushes, 1; buttons, 2; carriage and wagon materials, 2; cars and general shop construction and repairs by steam railroad companies, 2; cars and general shop construction and repairs by street railroad companies, 1; cheese, butter, and condensed milk, factory product, 2; china decorating, 1; clothing, men's, factory product, 1; coffee and spice, roasting and grinding, 1; coffins, burial cases, and undertakers' goods, 1; confectionery, 2; cotton goods, 1; electroplating, 1; emery wheels, 1; explosives, 1; food preparations, 1; fur goods, 1; furniture, factory product, 1; gas and lamp fixtures, 1; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; grease and tallow, 1; hones and whetstones, 1; hosiery and knit goods, 1; ice, manufactured, 1; ink,

SHENANDOAH.

1	All industries	78	$374,057	$41,125	$143,865	$98,644	$90,423	83	13	$13,544	210	$88,555
2	Blacksmithing and wheelwrighting	5	8,725	1,300	4,900	1,500	1,025	5	1	600	14	5,672
3	Boots and shoes, custom work and repairing.	7	1,570	400	300	705	165	7			6	1,925
4	Bread and other bakery products	5	4,615	1,000	2,000	610	1,005	5			10	3,961
5	Clothing, men's, custom work and repairing.	13	8,463	750	665	1,350	5,698	16			34	12,277
6	Millinery, custom work	8	1,699	500	475	29	695	10			7	933
7	Painting, house, sign, etc	3	1,005	125	500	175	205	3			4	2,520
8	Printing and publishing, newspapers and periodicals.	4	18,000	500	500	15,500	1,500	9			17	7,287
9	Tinsmithing, coppersmithing, and sheet-iron working.	3	2,140	100	75	1,150	815	4				
10	Tobacco, cigars and cigarettes	3	2,500			350	2,150	4			6	3,334
11	Watch, clock, and jewelry repairing	5	1,975			1,375	600	5			4	1,440
12	All other industries[1]	22	823,365	86,450	134,450	75,900	76,565	20	12	12,944	108	49,206

[1] Embraces bottling, 2; carpentering, 2; confectionery, 1; dyeing and cleaning, 1; fertilizers, 1; foundry and machine shop products, 1; gas, illuminating and heating, 1; hats and caps, not including fur hats and wool hats, 1; ice, manufactured, 1; liquors, malt, 1; monuments and tombstones, 1; paper hanging, 1;

WILKESBARRE.

1	All industries	438	$10,501,537	$825,426	$1,629,129	$3,963,148	$4,083,834	520	340	$406,823	5,977	$2,286,676
2	Bicycle and tricycle repairing	10	11,760			5,700	6,060	12			15	6,145
3	Blacksmithing and wheelwrighting	26	24,500	7,125	4,350	5,130	7,895	26			34	15,719
4	Boots and shoes, custom work and repairing.	30	7,260	1,400	900	2,920	2,040	29			14	6,080
5	Bottling	3	6,500			3,100	3,400	4			5	2,392
6	Bread and other bakery products	15	146,354	46,400	19,723	30,060	50,171	18	9	6,011	138	51,166
7	Carpentering	30	178,837	31,760	23,717	17,922	105,438	37	11	8,940	310	163,885
8	Carriages and wagons	7	66,100	20,100	14,100	5,800	26,100	8			31	15,150
9	Clothing, men's, custom work and repairing.	40	92,745	8,400	8,550	4,525	71,270	45	2	2,100	112	50,591
10	Clothing, women's, dressmaking	17	4,585			1,950	2,635	23			59	14,806
11	Clothing, women's, factory product	3	511,500	18,500	37,500	48,000	407,500	7	24	43,800	636	136,708
12	Coffee and spice, roasting and grinding	3	19,750	1,200	1,600	3,800	13,150	3			10	5,586
13	Confectionery	9	14,410			9,150	5,260	10	4	1,712	14	3,930
14	Flouring and grist mill products	4	121,884	26,100	28,486	22,007	45,291	3	11	7,512	15	7,467
15	Foundry and machine shop products	5	1,165,209	157,802	163,184	333,571	510,652	7	43	55,455	574	265,200
16	Furniture, cabinetmaking, repairing, and upholstering.	7	12,270	2,500	4,000	2,260	3,510	8			16	5,232
17	Looking-glass and picture frames	5	8,925			775	8,150	7			8	3,518
18	Lumber, planing mill products, including sash, doors, and blinds.	3	57,500	12,000	6,500	15,500	23,500	5	1	1,000	38	20,522
19	Marble and stone work	4	5,545	960	25	910	3,650	6			16	7,110
20	Masonry, brick and stone	9	82,843	3,920	623	9,261	69,039	9	2	1,440	179	74,436
21	Mattresses and spring beds	3	13,600	500	500	2,600	10,000	5			8	4,184
22	Millinery, custom work	11	52,720			870	51,850	13	5	2,100	115	23,044
23	Mineral and soda waters	5	29,100	2,000	1,000	10,800	15,300	6			14	7,550
24	Painting, house, sign, etc	28	48,565	8,200	7,105	4,880	28,380	32	2	1,080	85	44,526
25	Paving and paving materials	5	3,477			1,214	2,263	7			10	4,008
26	Photography	6	15,450			6,100	9,350	8	1	400	10	3,545
27	Plumbing, and gas and steam fitting	22	101,015	4,200	8,100	14,850	73,865	35	9	5,980	134	70,255
28	Printing and publishing, book and job	11	147,857	20,000	9,500	72,300	46,057	12	8	5,604	80	40,594
29	Printing and publishing, newspapers and periodicals.	15	222,625	39,000	16,500	101,100	66,025	14	42	31,572	179	77,409
30	Saddlery and harness	8	26,325	2,200	900	1,975	21,250	10			13	7,642
31	Shirts	3	12,800			5,000	7,800	5	2	1,850	77	18,720

BY SPECIFIED INDUSTRIES: 1900—Continued.

SCRANTON—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
233	$138,889	68	$13,956	18	$2,952	$243,104	$11,862	$1,004	$25,370	$204,868	$174,852	$171,671	$3,181	$815,375	37
20	9,316					3,142	2,277	70	795		17,777	17,691	86	42,901	38
139	35,574	1,374	205,884	805	122,018	134,746	4,938	4,397	37,079	88,332	2,861,857	2,844,289	17,568	3,616,885	39
28	14,690			17	2,100	1,521	1,370	71	80		15,222	15,006	216	42,167	40
29	18,204	73	18,468			91,401	780	1,032	89,589		140,678	140,041	637	344,593	41
58	30,562	40	10,896	10	833	26,223	6,148	147	19,928		69,025	68,768	257	161,665	42
16	8,326			1	150	6,759	5,788	58	913		3,889	3,853	36	33,409	43
2,278	1,147,514	718	154,614	104	15,664	173,541	20,660	14,510	138,011	860	2,364,024	2,328,908	35,116	4,467,018	44

writing, 1; ironwork, architectural and ornamental, 2; jewelry, 1; lamps and reflectors, 2; lime and cement, 2; lock and gun smithing, 1; lumber and timber products, 1; monuments and tombstones, 2; musical instruments, pianos and materials, 1; oil, not elsewhere specified, 1; optical goods, 2; paints, 1; paving and paving materials, 2; perfumery and cosmetics, 1; pickles, preserves, and sauces, 2; pottery, terra cotta, and fire-clay products, 2; roofing and roofing materials, 1; scales and balances, 1; sewing machine repairing, 1; shirts, 1; slaughtering and meat packing, wholesale, 2; soap and candles, 1; stereotyping and electrotyping, 1; tools, not elsewhere specified, 1; varnish, 1; wirework, including wire rope and cable, 1.

SHENANDOAH.

186	$83,031	22	$5,286	2	$238	$96,929	$6,139	$1,873	$88,627	$290	$180,224	$176,959	$3,265	$479,336	1
14	5,672					331	144	101	86		3,257	3,001	256	15,662	2
6	1,925					504	348	18	138		2,553	2,441	112	7,579	3
10	3,961					325	228	35	62		18,851	18,461	390	27,879	4
26	10,442	8	1,835			1,852	1,248	72	242	290	18,830	18,597	233	41,250	5
		7	933			890	720	26	144		6,186	6,135	51	13,432	6
4	2,520					190	96	8	86		758	742	16	4,900	7
15	6,906	1	288	1	93	800	612	9	179		5,054	4,824	230	18,944	8
						90	76	6	8		1,449	1,401	48	2,335	9
6	3,334					2,312	228		2,084		4,978	4,924	54	14,864	10
4	1,440					807	696		111		1,445	1,389	56	5,760	11
101	46,831	6	2,230	1	145	88,828	1,743	1,598	85,487		116,863	115,044	1,819	326,731	12

photography, 2; plumbing, and gas and steam fitting, 1; regalia and society banners and emblems, 1; saddlery and harness, 2; shirts, 1; wirework, including wire rope and cable, 1.

WILKESBARRE.

3,727	$1,847,462	1,780	$379,615	470	$59,599	$1,142,358	$86,479	$32,194	$736,454	$287,231	$5,167,777	$5,090,803	$76,974	$10,758,348	1
15	6,145					1,935	1,462	4	469		4,112	3,862	250	25,320	2
32	15,344			2	375	2,866	2,551	100	215		16,070	15,048	1,022	56,217	3
13	5,950			1	130	3,093	2,935	56	102		10,164	9,987	177	32,327	4
6	2,392					1,095	410	20	665		10,994	10,878	116	19,600	5
108	44,545	27	6,096	3	525	13,384	6,280	599	6,505		123,226	120,231	2,995	247,230	6
309	163,660			1	225	127,727	2,153	905	3,466	121,203	313,950	313,345	605	754,196	7
31	15,150					2,432	1,090	195	1,147		13,470	12,835	635	45,225	8
89	43,506	22	6,989	1	96	14,633	11,313	368	2,952		55,421	55,054	367	168,332	9
		57	14,706	2	100	2,728	2,637	4	87		7,427	7,389	38	38,842	10
36	22,862	542	106,200	58	7,646	77,410	1,710	625	70,575	4,500	316,508	315,620	888	627,039	11
8	5,236	2	350			1,350	860	70	420		19,882	19,257	625	32,684	12
7	2,420	6	1,410	1	100	3,997	3,402	16	579		17,675	17,068	607	43,884	13
15	7,467					5,830	300	592	4,938		119,814	118,976	838	148,177	14
574	265,200					25,115		4,951	20,164		428,116	419,851	8,265	865,726	15
11	4,271	5	961			564	411	45	108		6,205	6,180	25	17,700	16
8	3,518					954	750	4	200		11,020	11,020		20,744	17
38	20,522					3,739	1,800	400	1,539		31,203	30,575	628	71,258	18
16	7,110					643	328	25	90	200	10,843	10,833	10	24,590	19
179	74,436					25,738		110	6,094	19,534	83,023	82,891	132	205,056	20
6	3,092	2	1,092			914	705	19	190		18,860	18,745	115	27,658	21
2	500	112	22,402	1	142	8,461	6,934	75	1,452		69,209	69,084	125	129,293	22
14	7,550					1,136	660	36	440		12,153	11,986	167	36,856	23
84	44,376			1	150	3,049	1,997	206	846		27,301	27,226	75	110,889	24
10	4,008					221	202		19		8,540	8,540		16,335	25
5	2,089	5	1,456			3,606	2,546		1,060		7,658	7,612	46	24,080	26
132	69,930			2	325	31,107	4,066	261	6,115	20,665	86,749	85,943	806	250,483	27
54	33,831	11	3,867	15	2,896	6,031	3,062	348	2,621		31,554	29,957	1,597	103,182	28
163	74,688	3	585	13	2,136	49,463	3,034	470	38,570	7,389	52,301	50,304	1,997	307,467	29
12	7,482	1	160			2,025	1,629	30	366		10,627	10,578	49	30,650	30
5	2,436	67	15,324	5	960	1,300	950		350		69,145	68,720	425	103,940	31

TABLE 8.—MANUFACTURES IN CITIES

WILKESBARRE—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
32	Slaughtering and meat packing, wholesale.	3	$184,424	$10,000	$15,546	$6,302	$152,576	6	14	$13,610	21	$10,363
33	Tinsmithing, coppersmithing, and sheet-iron working.	5	95,635	1,100	450	27,500	66,585	7	11	4,680	59	17,620
34	Tobacco, cigars and cigarettes	16	32,530	2,900	1,100	1,685	26,845	20	1	572	38	16,416
35	Watch, clock, and jewelry repairing	15	8,285	1,900	2,200	3,125	1,060	15			10	5,408
36	Wirework, including wire rope and cable.	3	1,281,822	57,800	154,050	493,059	576,913	3	19	19,740	239	124,181
37	All other industries[1]	49	5,686,830	337,459	1,098,920	2,687,447	1,563,004	55	119	191,665	2,660	955,568

[1] Embraces artificial limbs, 1; awnings, tents, and sails, 1; bluing, 1; bookbinding and blank book making, 1; boot and shoe uppers, 1; boots and shoes, factory product, 1; brass castings and brass finishing, 1; brick and tile, 2; carpets, rag, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by steam railroad companies, 1; cars and general shop construction and repairs by street railroad companies, 1; cotton goods, 2; cutlery and edge tools, 2; dyeing and cleaning, 2; electrical construction and repairs, 2; fancy articles, not elsewhere specified, 1; fertilizers, 1; furniture, factory product, 1; gas, illuminating and

WILLIAMSPORT.

1	All industries	396	$9,863,811	$912,145	$977,480	$2,094,664	$5,879,522	439	397	$352,348	5,595	$2,065,930
2	Bicycle and tricycle repairing	8	20,077	1,600	3,300	4,530	10,647	8	1	468	9	3,431
3	Blacksmithing and wheelwrighting	15	29,005	9,600	7,650	2,325	9,430	19			14	6,625
4	Boots and shoes, custom work and repairing.	18	8,045	3,200	1,800	1,545	1,500	15			10	4,292
5	Bottling	4	24,319	500	1,800	12,718	9,301	4	3	3,420	8	3,639
6	Bread and other bakery products	17	93,131	6,200	14,500	39,347	33,084	18	10	6,923	58	21,749
7	Brick and tile	3	34,825	13,875	3,500	950	16,500	2	2	2,300	19	9,464
8	Carpentering	18	64,674	4,200	9,993	6,675	43,806	25	1	80	115	51,669
9	Carriages and wagons	4	47,292	3,500	3,600	1,300	38,892	5			37	19,038
10	Clothing, men's, custom work and repairing.	27	78,323	6,725	13,100	5,636	52,862	32			132	45,979
11	Clothing, men's, factory product	5	226,800	4,800	24,000	26,000	172,000	8	54	28,770	733	231,860
12	Clothing, women's, dressmaking	23	14,146	900	3,000	2,646	7,600	24			75	11,780
13	Confectionery	6	70,488	10,000	11,200	14,065	35,223	7	8	4,920	35	11,878
14	Foundry and machine shop products	15	608,652	54,100	84,643	197,347	272,562	15	36	28,548	418	186,591
15	Furniture, cabinetmaking, repairing, and upholstering.	6	10,715	2,550	2,150	755	5,260	8			7	3,525
16	Furniture, factory product	8	555,893	53,510	152,043	94,801	255,539	13	35	30,863	373	123,287
17	Leather, tanned, curried, and finished	3	1,610,352	17,000	49,000	12,200	1,532,152	5	9	4,820	190	78,749
18	Lock and gun smithing	3	7,050	1,500	1,000	2,100	2,450	4			3	1,160
19	Looking-glass and picture frames	4	45,350	6,200	7,500	7,750	23,900	5	5	2,912	51	22,196
20	Lumber and timber products	6	1,601,696	286,578	38,000	81,509	1,195,609	10	22	28,535	374	159,048
21	Lumber, planing mill products, including sash, doors, and blinds.	13	461,693	31,628	46,809	77,566	305,690	21	21	35,070	338	128,593
22	Masonry, brick and stone	3	9,950	600	350	3,650	5,350	3			30	11,385
23	Millinery, custom work	15	40,159	3,000	7,000	2,808	27,351	16	1	1,200	58	11,294
24	Monuments and tombstones	3	19,356	2,200	825	825	15,506	4			5	2,500
25	Painting, house, sign, etc	21	14,155	850	1,760	2,498	9,047	21			46	21,536
26	Photography	10	39,466	5,000	3,575	12,750	18,141	10			12	6,230
27	Plumbing, and gas and steam fitting	12	27,497	1,750	1,600	3,800	20,347	12	2	600	42	21,944
28	Printing and publishing, book and job	5	29,955	300	200	21,720	7,735	8	2	1,830	27	12,186
29	Printing and publishing, newspapers and periodicals.	4	281,197	9,000	17,417	113,661	141,119	4	44	30,619	95	49,295
30	Roofing and roofing materials	10	10,180	1,300	800	3,145	4,935	10			15	7,021
31	Saddlery and harness	8	177,638	1,500	12,262	46,786	117,090	9	15	15,101	179	49,711
32	Saws	8	12,658	1,000	1,600	4,878	5,180	4	1	144	20	8,325
33	Shirts	3	5,800	500	1,000	1,800	2,500	3			20	7,500
34	Tinsmithing, coppersmithing, and sheet-iron working.	9	34,317	4,000	1,350	3,525	25,442	9	6	1,690	28	14,047
35	Tobacco, cigars and cigarettes	4	9,413			265	9,148	5			14	7,573
36	Watch, clock, and jewelry repairing	14	6,015			2,600	3,415	15			7	3,476
37	All other industries[1]	65	3,533,529	362,979	449,153	1,278,188	1,443,209	58	119	123,535	1,988	707,354

[1] Embraces belting and hose, leather, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 1; boots and shoes, rubber, 1; boxes, cigar, 1; boxes, fancy and paper, 1; boxes, wooden packing, 1; brooms and brushes, 2; carpets, rag, 1; cars and general shop construction and repairs by steam railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; chemicals, 2; corsets, 1; cotton small wares, 1; dyeing and cleaning, 2; electrical construction and repairs, 1; electroplating, 1; engraving, wood, 1; flouring and grist mill products, 2; furnishing goods, men's, 2; furs, dressed, 1; gas, illuminating and heating, 1; grease and tallow, 1; hairwork, 1; ice, manufactured, 1; kindling wood, 2; leather goods, 1; liquors, malt, 2; lithographing and engraving, 1;

YORK.

1	All industries	464	$9,640,784	$926,336	$1,357,974	$2,240,686	$5,115,788	564	404	$438,281	7,785	$2,679,175
2	Agricultural implements	4	333,410	20,300	28,000	71,000	214,110	3	35	26,278	314	112,141
3	Baskets, and rattan and willow ware	9	5,530	950	2,675	255	1,650	9			8	1,866
4	Bicycle and tricycle repairing	8	10,247	100	200	4,207	5,740	8			11	3,707
5	Blacksmithing and wheelwrighting	16	25,845	7,900	7,250	3,075	7,620	17			14	4,992
6	Boots and shoes, custom work and repairing.	41	17,030	2,300	4,650	3,220	6,860	44			7	1,969
7	Bottling	4	19,500			7,800	11,700	4			13	4,628
8	Boxes, cigar	6	231,711	10,500	25,033	40,191	155,987	12	8	6,136	171	42,904
9	Bread and other bakery products	24	154,820	22,150	37,900	38,990	55,780	26	17	12,749	215	61,312
10	Brick and tile	4	49,600	16,000	10,000	5,600	18,000	7			128	39,154
11	Brooms and brushes	5	3,520	850	1,400	310	960	5			3	1,000

BY SPECIFIED INDUSTRIES: 1900—Continued.

WILKESBARRE—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
21	$10,363					$11,313	$4,500	$374	$6,439		$406,538	$406,058	$480	$474,646	32
43	14,920	12	$2,200	4	$500	11,194	1,700	39	1,655	$7,800	52,898	52,632	266	102,400	33
33	15,732	3	444	2	240	9,769	1,783	59	7,927		28,740	28,704	36	66,747	34
9	5,308			1	100	1,520	775	120	625		2,318	2,295	23	19,008	35
239	124,181					32,910	75	2,560	30,275		610,346	602,581	7,765	810,031	36
1,400	717,242	903	195,373	357	42,953	653,106	11,469	18,508	517,189	105,940	2,073,717	2,028,938	44,779	4,700,936	37

heating, 1; hats and caps, not including fur hats and wool hats, 1; ice, manufactured, 1; ironwork, architectural and ornamental, 2; jewelry, 1; liquors, malt, 2; lock and gun smithing, 2; monuments and tombstones, 2; paper hanging, 1; patent medicines and compounds, 1; plastering and stuccowork, 2; roofing and roofing materials, 2; ship and boat building, wooden, 1; silk and silk goods, 2; steam packing, 1; taxidermy, 1; tools, not elsewhere specified, 1; wood, turned and carved, 1.

WILLIAMSPORT.

3,679	$1,587,052	1,614	$434,185	802	$44,693	$517,059	$54,824	$19,754	$400,698	$41,783	$6,420,337	$6,349,847	$70,490	$11,199,600	1
7	3,119			2	312	941	450	71	420		9,867	9,503	364	19,521	2
14	6,625					1,132	780	182	170		9,805	9,407	398	31,581	3
10	4,292					1,246	1,188	22	36		6,640	6,451	189	18,736	4
8	3,639					4,082	960	560	2,562		39,916	39,563	353	58,825	5
47	19,773	10	1,716	1	260	17,608	1,759	358	15,491		77,404	75,198	2,206	151,563	6
18	9,302			1	162	3,771	1,200	123	2,448		18,040	14,443	3,597	40,882	7
115	51,669					29,200	356	320	1,487	27,037	112,120	111,763	357	225,197	8
37	19,038					2,397	949	62	1,256	130	29,535	29,123	412	70,071	9
69	34,218	63	11,761			3,991	3,052	223	716		72,428	71,478	950	156,714	10
123	46,600	560	177,760	50	7,500	3,748	1,500	125	2,123		624,261	621,470	2,791	977,000	11
		75	11,780			2,040	1,622	58	360		5,845	5,526	319	34,634	12
23	9,725	11	1,945	1	208	2,235	510	334	1,391		53,063	52,310	753	101,105	13
411	185,688			7	903	20,169	1,962	1,816	16,391		429,076	416,773	12,303	747,617	14
7	3,525					2,588	81	123	384	2,000	16,160	15,873	287	27,672	15
351	119,749			22	3,538	20,337	1,605	1,770	16,962		287,667	285,000	2,667	508,223	16
175	75,804			15	2,945	69,983		1,651	68,332		604,244	602,393	1,851	839,375	17
2	1,040			1	120	402	220	78	74	30	879	815	64	4,912	18
41	16,572	11	3,610	9	2,014	2,070	320	183	1,567		29,744	28,762	982	65,224	19
374	159,048					77,084	6,270	2,136	60,413	8,265	734,607	734,607		1,429,028	20
826	126,948			12	1,645	13,742	2,405	849	10,488		367,513	364,593	2,920	637,116	21
30	11,385					1,124	120	16	158	830	8,185	8,185		22,779	22
1	1,000	56	10,198	1	96	5,500	4,874	84	542		44,655	44,491	164	83,885	23
5	2,500					1,982	132	35	315	1,500	9,342	9,312	30	18,014	24
45	21,471			1	65	1,329	652	74	603		11,507	11,435	72	48,242	25
8	4,960	4	1,270			2,415	1,436	117	862		15,036	14,680	356	36,538	26
42	21,944					2,369	1,154	86	1,069	60	36,546	36,382	164	73,204	27
22	11,458	2	390	3	338	2,043	1,200	3	540	300	19,160	18,790	370	44,277	28
92	48,771	2	264	1	260	53,424	2,712	348	50,364		62,686	59,068	3,618	254,498	29
15	7,021					952	539	41	372		11,790	11,705	85	28,694	30
105	35,870	74	13,841			10,050	1,210	289	8,121	430	115,463	113,740	1,723	222,645	31
19	8,200			1	125	572	201	90	281		6,793	6,071	722	20,180	32
3	2,500	17	5,000			568	390	15	163		5,885	5,570	315	18,600	33
28	14,047					2,599	1,491	106	1,002		42,247	41,899	348	70,734	34
11	6,455	3	1,118			3,087	263	29	2,795		10,422	10,341	81	24,600	35
7	3,476					2,090	1,987	10	93		2,887	2,696	191	13,200	36
1,088	489,620	726	193,532	174	24,202	148,189	9,274	7,367	130,347	1,201	2,488,919	2,460,431	28,488	4,074,514	37

marble and stone work, 2; matches, 1; mattresses and spring beds, 1; mineral and soda waters, 2; models and patterns, 1; musical instruments and materials, not specified, 1; optical goods, 1; paints, 2; paper hanging, 2; patent medicines and compounds, 1; paving and paving materials, 2; plastering and stuccowork, 1; sand and emery paper and cloth, 1; sewing machines and attachments, 1; silk and silk goods, 1; steam fittings and heating apparatus, 1; surgical appliances, 1; taxidermy, 2; umbrellas and canes, 1; window shades, 1; wirework, including wire rope and cable, 1; wood, turned and carved, 1; woolen goods, 1.

YORK.

5,802	$2,283,326	1,501	$335,093	482	$60,756	$798,453	$50,851	$19,727	$654,429	$73,446	$6,078,070	$5,869,260	$208,810	$11,961,706	1
310	111,573			4	568	9,721	750	250	8,721		183,506	180,933	2,573	407,417	2
5	1,516			3	350	225	24	52	149		1,681	1,567	114	8,400	3
8	3,312			3	395	1,331	1,044	7	160	120	7,966	7,614	352	18,800	4
14	4,992					925	505	130	290		10,085	9,686	399	30,025	5
6	1,894			1	75	2,436	1,392	117	817	110	12,551	11,937	614	36,294	6
13	4,628					1,350	1,075	10	265		25,927	25,346	581	42,557	7
65	22,446	103	19,990	3	468	4,343	300	794	3,249		140,772	139,448	1,324	223,774	8
160	52,099	17	3,072	38	6,141	19,653	1,883	926	16,844		284,195	274,834	9,361	458,762	9
113	36,588			15	2,566	5,600	1,650	238	3,712		12,373	2,831	9,542	99,750	10
3	1,000					475	108	47	320		4,659	4,542	117	9,981	11

TABLE 8.—MANUFACTURES IN CITIES

YORK—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES AND CITIES AND BOROUGHS.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
12	Carpentering	3	$50,700	$1,100	$950	$5,650	$43,000	5			91	$39,312
13	Carpets, rag	5	29,600	4,200	1,150	5,350	18,900	6			37	10,746
14	Carriage and wagon materials	4	113,971	12,000	22,500	17,900	61,571	9	1	$208	99	36,669
15	Carriages and wagons	11	473,925	31,650	75,400	26,525	340,350	12	23	15,724	306	95,090
16	Clothing, men's, custom work and repairing.	22	108,429	13,600	15,250	3,827	75,752	26	2	875	115	34,394
17	Clothing, women's, dressmaking	4	4,010			1,010	3,000	4			19	3,090
18	Confectionery	20	178,253	33,710	38,909	65,905	39,729	21	15	24,757	293	58,373
19	Cooperage	4	12,375	3,500	4,600	775	3,500	4			8	2,412
20	Flouring and grist mill products	3	36,559	3,500	12,500	13,559	7,000	3	3	2,000	6	2,900
21	Foundry and machine shop products	11	2,544,619	316,500	274,400	551,056	1,402,663	20	62	63,030	1,591	661,779
22	Furniture, cabinetmaking, repairing, and upholstering.	6	17,775	5,800	4,400	825	6,750	8			9	4,000
23	Furniture, factory product	3	66,357	6,500	6,500	13,000	40,357	9	2	512	81	35,528
24	Iron and steel, nails and spikes, cut and wrought, including wire nails.	4	264,941	17,995	22,633	81,200	143,113	3	16	13,582	344	115,061
25	Lime and cement	6	34,050	10,500	3,850	7,000	12,700	8			29	9,469
26	Lock and gun smithing	4	3,575			1,600	1,975	4			3	1,102
27	Looking-glass and picture frames	3	18,150	600	1,500	1,350	14,700	3	4	2,600	18	6,828
28	Lumber, planing mill products, including sash, doors, and blinds.	6	420,060	88,500	47,600	59,300	224,660	13	3	2,250	281	115,625
29	Marble and stone work	3	17,200	600	100	4,700	11,800	5			25	15,224
30	Masonry, brick and stone	4	53,750	4,500	3,500	3,050	42,700	4			144	53,820
31	Millinery, custom work	11	69,050			5,750	63,300	15	35	8,575	52	14,945
32	Monuments and tombstones	3	5,005			725	4,280	3			5	2,320
33	Painting, house, sign, etc	12	37,135	2,050	1,700	3,455	29,930	13	4	1,944	84	33,681
34	Paper and wood pulp	3	154,358	5,000	28,000	76,905	44,453	7	4	3,176	50	30,862
35	Patent medicines and compounds	4	16,300	700	5,000	450	10,150	7	1	1,800	13	5,300
36	Photography	5	15,200			4,800	10,400	7			18	6,182
37	Plastering and stuccowork	4	2,900	350	200	550	1,800	5			23	7,607
38	Plumbing, and gas and steam fitting	19	82,270	9,400	11,550	9,175	52,145	21	2	964	71	34,520
39	Printing and publishing, book and job	11	39,040	2,700	3,200	21,400	11,740	12			14	6,195
40	Printing and publishing, newspapers and periodicals.	7	207,208	16,200	9,000	100,986	81,022	11	31	17,283	166	38,385
41	Saddlery and harness	8	20,175	1,400	4,000	1,475	13,300	9			21	8,250
42	Shirts	4	18,186			9,686	8,500	8	2	1,336	207	40,290
43	Tinsmithing, coppersmithing, and sheet-iron working.	11	29,925	2,200	850	3,825	23,050	10	1	300	24	10,032
44	Tobacco, cigars and cigarettes	48	644,097	24,050	46,200	34,180	539,667	56	23	56,270	1,131	324,539
45	Watch, clock, and jewelry repairing	13	53,532	13,600	20,200	4,425	15,307	14			8	2,210
46	All other industries[1]	54	2,946,891	212,881	575,224	924,669	1,234,117	64	110	175,932	1,515	538,762

[1] Embraces awnings, tents, and sails, 1; blacking, 1; bookbinding and blank book making, 2; boxes, fancy and paper, 1; boxes, wooden packing, 1; cars and general shop construction and repairs by steam railroad companies, 2; cleansing and polishing preparations, 1; clothing, men's, factory product, 1; clothing, women's, factory product, 1; dentists' materials, 1; dyeing and cleaning, 1; electrical apparatus and supplies, 1; electrical construction and repairs, 2; fertilizers, 1; files, 1; furnishing goods, men's, 1; gas, illuminating and heating, 1; hardware, saddlery, 1; hats and caps, not including fur hats and wool hats, 1; hosiery and knit goods, 1; ice, manufactured, 2; iron and steel, 1; ironwork, architectural and ornamental, 1; kaolin and other earth grinding, 1; liquors, malt, 2; malt, 1;

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and boroughs	7,799	$236,490,999	$15,356,430	$36,683,294	$57,125,169	$1[illegible],326,106	8,678	6,195	$6,204,857	118,973	$51,553,695
2	Ashland	54	307,871	16,925	34,875	177,296	78,775	65	7	3,525	168	85,640
3	Athens	51	843,719	143,146	161,135	95,276	444,162	54	38	29,107	589	220,250
4	Bangor	73	804,517	55,650	61,250	206,301	481,316	81	70	44,700	944	348,687
5	Beaver Falls	119	6,367,196	339,305	1,300,458	1,778,327	2,949,106	110	134	161,828	2,231	1,022,075
6	Bellefonte	62	874,076	60,025	275,306	207,087	331,658	71	44	38,011	506	219,770
7	Berwick	33	2,446,463	86,775	441,050	569,287	1,349,351	28	53	61,882	1,335	730,505
8	Bethlehem	106	1,871,072	156,370	348,128	823,150	543,424	117	44	46,480	1,265	326,954
9	Birdsboro	26	1,095,356	21,925	203,480	329,025	540,926	30	24	47,226	861	335,450
10	Bloomsburg	65	2,093,473	131,750	509,587	608,313	840,823	69	66	63,090	1,029	328,385
11	Braddock	121	2,724,303	323,222	389,723	691,145	1,320,213	132	71	60,828	1,437	893,037
12	Bradford	149	2,674,380	132,453	283,837	860,663	1,397,427	183	101	97,397	1,965	1,031,949
13	Bridgeport	28	1,954,100	55,590	371,747	589,606	937,157	24	22	30,207	833	265,209
14	Bristol	72	3,616,181	81,545	189,551	1,288,827	2,056,258	72	57	67,902	2,027	751,033
15	Butler	129	1,696,396	154,175	285,422	532,314	724,485	159	40	47,686	1,003	505,468
16	Carbondale	92	1,618,034	89,445	373,492	350,108	804,989	103	71	69,552	1,138	387,528
17	Carlisle	109	1,125,635	95,265	172,442	254,135	603,793	129	82	92,894	1,385	415,986
18	Carnegie	53	465,830	62,546	66,150	120,375	216,759	55	14	15,678	381	231,519
19	Catasauqua	68	3,136,958	280,372	1,363,224	555,921	937,441	63	72	94,575	1,543	592,026
20	Chambersburg	107	853,037	85,556	91,780	263,297	412,404	124	35	25,425	793	283,676
21	Charleroi	62	2,395,002	136,044	725,285	778,141	755,532	65	66	79,673	1,270	671,371
22	Coatesville	70	4,772,487	112,543	906,308	878,757	2,874,879	73	113	95,805	1,854	840,322
23	Columbia	142	2,403,571	235,475	341,349	751,329	1,072,418	141	86	61,522	2,729	968,288
24	Connellsville	121	1,283,667	109,887	174,035	367,000	632,745	149	57	45,230	916	495,761
25	Conshohocken	55	3,957,818	205,350	512,275	1,105,919	2,104,274	52	129	178,180	1,951	896,797
26	Coraopolis	20	471,294	25,976	80,048	86,881	278,389	19	41	69,436	397	171,916

BY SPECIFIED INDUSTRIES: 1900—Continued.

YORK—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
90	$39,156			1	$156	$23,850	$650	$25	$2,300	$20,875	$52,565	$52,165	$400	$140,000	12
31	10,022			6	724	2,954	300	19	622	2,013	23,926	23,820	106	49,487	13
91	35,295			8	1,374	3,151		291	2,860		79,712	78,522	1,190	158,250	14
299	93,740	3	$625	4	725	19,125	1,215	2,077	1,833	14,000	261,437	259,213	2,224	467,494	15
57	22,431	53	11,531	5	432	6,003	3,400	316	2,212	75	58,009	57,096	913	125,747	16
		17	2,890	2	200	719	444		275		3,202	3,097	105	11,050	17
70	25,394	149	23,126	74	9,853	18,033	1,305	321	16,407		250,631	246,701	3,930	419,397	18
8	2,412					204		39	165		5,440	5,350	90	10,852	19
6	2,900					2,636	400	87	2,149		111,839	110,589	1,250	129,308	20
1,568	658,931			23	2,848	151,026	329	4,079	146,368	250	1,405,645	1,340,324	65,321	2,654,772	21
9	4,000					542	72	82	388		5,295	5,095	200	17,272	22
81	35,528					2,524	20	140	2,364		40,244	39,479	765	158,500	23
334	113,614	1	150	9	1,297	8,755	800	509	7,446		274,915	254,250	20,665	467,669	24
28	9,369			1	100	1,200		200	1,000		12,168	5,711	6,457	31,630	25
3	1,102					734	414	14	306		1,886	1,811	75	6,100	26
13	5,628	5	1,200			7,198	646	42	750	5,760	8,640	8,450	190	32,500	27
278	115,200			3	425	8,786		2,166	6,620		233,430	230,860	2,570	424,250	28
25	15,224					585	320	5	260		17,845	17,690	155	45,200	29
141	53,520			3	300	15,446		101	1,345	14,000	86,225	85,875	350	175,100	30
		49	14,435	3	510	9,422	5,940	41	3,441		79,737	78,798	939	145,000	31
5	2,320					574	424		150		4,515	4,470	45	11,100	32
78	32,871			6	810	1,942	1,532	41	369		27,190	26,785	405	87,304	33
49	30,706			1	156	8,090	2,250	110	5,730		103,661	93,246	10,415	183,725	34
8	4,500	5	800			6,696	686	30	5,980		25,352	25,262	90	53,294	35
9	4,102	9	2,080			3,230	1,569	18	1,273	370	10,110	9,925	185	28,000	36
19	7,050			4	557	207	102	5	100		4,736	4,666	70	17,290	37
68	33,980			3	540	2,968	1,507	132	1,329		76,278	75,517	761	162,687	38
12	5,870			2	325	1,370	948	79	343		8,949	8,327	622	27,675	39
76	33,570	2	292	88	4,523	14,365	1,561	318	11,754	732	37,587	35,412	2,175	136,920	40
21	8,250					2,250	1,272	63	915		16,037	15,702	335	34,703	41
8	5,556	185	34,266	14	468	1,210	883	15	312		90,831	89,668	1,163	165,832	42
24	10,032					2,475	1,185	88	1,202		17,576	17,234	342	44,640	43
615	205,372	470	114,248	43	4,919	191,237	3,175	740	187,322		510,026	507,792	2,234	1,190,155	44
7	2,110	1	100			1,914	1,137	202	400	175	6,314	5,772	542	18,293	45
971	413,523	432	106,288	112	18,951	230,973	7,634	4,761	203,612	14,966	1,442,402	1,385,848	56,554	2,794,750	46

mattresses and spring beds, 2; mineral and soda waters, 1; models and patterns, 1; musical instruments, organs and materials, 2; paper hanging, 1; paper hangings, 2; paving and paving materials, 2; pottery, terra cotta, and fire-clay products, 1; safes and vaults, 1; silk and silk goods, 2; soap and candles, 1; steam fittings and heating apparatus, 1; stereotyping and electrotyping, 1; tobacco, chewing, smoking, and snuff, 1; umbrellas and canes, 1; washing machines and clothes wringers, 1; wirework, including wire rope and cable, 2.

BOROUGHS UNDER 20,000 IN POPULATION: 1900.

96,991	$47,189,606	16,089	$3,526,426	5,893	$837,663	$18,273,118	$1,618,437	$555,249	$13,044,123	$3,055,309	$164,196,310	$152,307,365	$11,888,945	$286,754,008	1
156	82,582	11	2,914	1	144	9,779	2,617	776	6,386		132,909	128,551	4,358	274,765	2
517	210,828	48	6,423	24	2,999	54,356	12,280	826	36,413	4,837	618,956	606,767	12,189	1,012,183	3
810	327,062	101	17,975	33	3,650	110,955	61,399	1,017	48,539		552,647	529,839	22,808	1,230,350	4
1,951	964,939	174	38,253	106	18,883	303,189	9,464	10,275	283,450		3,780,051	3,657,751	122,300	6,245,501	5
459	209,364	45	10,242	2	164	46,731	10,632	1,173	34,376	550	652,436	560,480	91,956	1,175,668	6
1,292	721,244	35	8,162	8	1,099	111,067	2,040	3,095	101,845	4,087	2,808,813	2,726,499	82,314	4,372,953	7
631	207,310	439	98,607	195	21,037	240,028	14,443	4,054	122,944	98,587	995,368	974,546	20,822	1,832,219	8
759	312,729	58	15,568	44	7,153	58,240	15,095	2,836	40,309		1,321,574	999,662	321,912	2,026,928	9
635	250,986	308	63,892	86	13,507	106,093	8,615	3,183	44,256	50,039	978,508	960,711	17,797	1,732,559	10
1,374	877,892	37	10,247	26	4,898	875,170	16,632	4,061	462,227	392,250	3,111,916	3,045,666	66,250	5,643,152	11
1,821	985,255	120	38,148	24	8,546	224,962	17,977	5,001	175,084	26,900	2,011,858	1,938,070	73,788	4,101,339	12
402	174,970	333	76,847	98	13,392	66,292	2,484	3,140	60,668		1,358,235	1,343,050	15,185	1,821,585	13
1,135	502,412	664	208,844	228	39,777	332,920	25,478	2,012	303,409	2,021	2,577,508	2,510,090	67,418	4,008,248	14
905	482,462	64	15,593	34	7,413	144,796	8,630	15,040	75,990	45,136	749,216	686,737	62,479	1,877,419	15
735	326,722	210	40,211	193	20,595	100,701	13,939	10,383	76,379		572,101	554,405	17,696	1,384,662	16
853	315,855	495	97,079	32	3,052	83,436	12,583	2,630	62,553	5,670	1,249,456	1,234,789	14,667	2,131,239	17
358	225,875	18	4,994	5	650	67,192	6,914	7,220	27,269	25,789	434,660	415,196	19,464	909,890	18
1,181	527,471	208	42,343	154	22,212	190,598	2,769	11,558	135,045	41,226	1,660,319	1,380,471	279,848	3,197,297	19
600	245,233	165	34,218	28	4,225	62,527	10,829	1,574	34,724	15,400	633,952	623,475	10,477	1,127,423	20
1,011	615,070	48	11,612	211	44,689	278,069	2,133	12,150	229,086	34,700	700,669	614,034	86,635	1,871,505	21
1,674	808,961	128	20,951	52	10,410	219,305	7,809	7,981	150,235	53,280	3,752,864	3,528,226	224,638	6,356,079	22
1,728	797,399	729	135,410	272	35,479	160,051	13,661	4,726	78,943	62,721	2,837,765	2,724,630	113,135	4,729,477	23
831	477,737	65	14,222	20	3,802	50,344	12,616	2,159	28,909	6,660	1,449,338	1,418,301	31,037	2,380,137	24
1,525	773,299	359	113,724	67	9,774	219,482	49,846	7,248	162,001	387	2,303,063	2,200,637	102,426	4,454,230	25
295	141,380	77	23,036	25	7,500	35,336	2,165	341	26,000	6,830	305,093	286,834	18,259	731,840	26

TABLE 9.—MANUFACTURES IN CITIES AND

	Cities and boroughs.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
27	Corry	109	$830,727	$79,540	$164,457	$165,073	$421,657	112	36	$28,318	585	$255,129
28	Danville	92	2,836,268	112,179	302,306	1,110,576	1,311,207	107	74	75,998	2,414	855,306
29	Darby	45	1,363,579	59,715	196,708	570,323	536,833	54	24	28,259	744	270,921
30	Dubois	56	1,513,316	80,142	274,689	232,354	926,131	74	40	36,354	893	355,925
31	Dunmore	53	1,336,477	118,869	260,561	341,362	615,685	51	66	60,458	893	354,922
32	Duquesne	19	14,358,059	1,421,000	635,494	5,775,411	6,526,154	24	77	88,877	1,497	1,075,152
33	East Mauch Chunk	21	301,135	9,100	102,656	133,994	55,385	19	3	3,016	383	76,257
34	Ephrata	66	370,198	10,603	52,703	64,027	242,865	74	18	7,876	501	130,323
35	Etna	37	3,701,581	832,400	1,274,644	503,317	1,091,220	37	34	50,190	1,709	865,992
36	Franklin	120	4,523,916	186,600	276,601	354,463	3,706,252	156	156	271,365	758	354,318
37	Greencastle	26	48,526	3,670	7,630	8,665	28,561	29	1	100	61	19,476
38	Greenville	79	1,998,509	69,666	485,743	829,791	613,309	90	48	39,589	999	544,612
39	Hamburg	62	416,757	19,925	69,914	99,524	227,394	77	11	6,704	369	113,515
40	Hanover	85	766,387	29,437	102,270	212,023	422,657	113	38	20,513	949	262,267
41	Hawley	28	716,842	73,550	69,200	114,155	459,937	34	12	11,200	448	140,953
42	Hazelton	141	1,488,290	136,276	368,395	479,125	504,494	156	78	53,241	1,049	341,769
43	Hollidaysburg	38	167,649	22,100	22,775	23,155	99,619	41	11	7,051	197	77,736
44	Homestead	52	2,591,815	517,421	279,935	776,762	1,017,697	63	87	86,113	1,030	439,247
45	Honesdale	71	1,357,399	67,000	225,957	276,142	788,300	81	60	51,694	680	238,684
46	Huntingdon	68	1,062,520	79,200	224,600	325,282	433,438	75	31	23,320	550	208,583
47	Lansford	24	208,116	3,190	35,740	75,273	93,913	22	3	2,550	283	119,815
48	Lebanon	219	7,756,390	638,667	1,853,022	2,607,877	2,656,824	247	201	210,477	5,613	2,245,809
49	Lehighton	42	648,281	42,990	149,104	131,650	324,537	44	30	22,105	380	99,715
50	Lewisburg	36	389,487	13,410	54,840	115,635	205,602	40	11	7,564	260	82,927
51	Lewistown	64	1,011,949	84,650	205,980	209,690	511,629	69	22	21,337	563	223,705
52	McKees Rocks	34	14,990,471	604,550	917,753	1,009,228	12,458,940	32	220	90,188	2,055	1,206,476
53	Mahanoy City	99	607,059	32,950	276,346	148,271	149,492	112	31	20,488	474	131,582
54	Manheim	58	157,490	14,060	41,085	26,179	76,166	59	9	3,634	334	76,903
55	Marietta	37	849,638	24,950	143,560	126,736	554,292	33	30	24,760	674	210,151
56	Mauch Chunk	34	366,370	21,7[illegible]	68,670	95,671	180,279	35	15	14,312	323	143,714
57	Meadville	135	1,415,783	62,4[illegible]	255,650	562,069	535,584	151	97	74,532	1,445	648,020
58	Mechanicsburg	58	482,155	42,245	78,580	153,985	207,345	60	25	13,920	444	173,840
59	Media	40	235,997	31,720	66,250	59,076	78,951	44	5	4,410	170	75,309
60	Middletown	50	2,323,876	217,975	460,907	781,920	863,074	49	48	52,099	1,572	556,818
61	Millvale	37	819,149	45,775	80,725	116,217	76,432	38	20	13,862	119	70,609
62	Milton	60	1,950,893	91,360	265,795	580,997	1,012,741	69	57	58,398	1,421	534,674
63	Minersville	36	75,177	8,075	20,075	24,104	22,923	38	1	520	84	25,290
64	Monongahela	58	805,861	64,758	145,770	263,772	331,561	65	30	25,944	438	288,310
65	Nanticoke	73	328,414	27,876	89,103	121,553	89,882	83	12	6,166	207	73,161
66	New Brighton	68	2,903,449	145,241	422,929	1,218,592	1,116,687	77	90	119,447	1,482	590,589
67	New Haven	22	40,401	8,400	11,450	4,910	15,641	25	1	750	46	20,941
68	New Holland	23	76,843	3,900	22,000	16,084	34,859	27	4	3,782	81	23,894
69	Northumberland	16	238,768	7,350	46,796	15,274	169,348	18	13	6,196	267	74,940
70	Oil City	158	4,578,237	323,924	583,501	969,291	2,701,521	189	119	147,572	1,992	1,038,173
71	Orwigsburg	27	268,522	8,200	27,685	63,286	169,351	34	45	19,706	453	133,189
72	Pen Argyl	31	392,615	122,900	27,010	85,460	157,245	58	9	4,660	336	177,873
73	Phœnixville	92	6,482,025	634,180	1,077,277	2,314,024	2,456,544	94	128	134,272	2,556	1,099,719
74	Pittston	95	1,038,797	112,590	193,107	308,768	424,332	100	54	41,309	505	222,340
75	Plymouth	101	579,553	25,072	63,949	242,263	248,269	98	38	20,701	923	213,497
76	Pottstown	144	4,922,856	537,933	887,960	932,090	2,564,873	164	183	148,427	3,059	1,251,229
77	Pottsville	206	3,383,237	395,050	758,975	898,330	1,330,882	232	150	111,198	1,967	671,179
78	Rankin	12	4,962,354	386,659	884,560	1,768,984	2,422,151	8	73	62,535	1,622	983,867
79	Rochester	47	2,228,337	171,019	474,676	436,422	1,146,220	59	40	56,685	1,433	589,516
80	St. Clair	31	94,863	3,750	9,875	14,355	66,883	42	7	3,780	213	47,506
81	Sayre	46	1,341,905	31,627	570,937	349,401	389,940	52	64	47,908	1,261	591,238
82	Schuylkill Haven	53	545,701	47,997	88,300	205,656	203,748	59	15	7,873	702	259,499
83	Shamokin	143	971,130	88,750	141,516	210,671	530,193	154	50	39,807	1,068	813,057
84	Sharon	96	6,140,725	507,000	1,242,637	2,492,506	1,898,582	112	96	131,504	3,145	1,601,748
85	Sharpsburg	103	1,053,416	121,250	128,250	111,531	692,385	117	32	33,458	1,213	669,946
86	Sharpsville	21	3,657,100	92,838	804,286	220,265	2,539,711	22	37	42,002	912	531,309
87	Shippensburg	54	263,081	13,150	40,419	45,578	163,934	70	26	13,809	284	71,437
88	Slatington	54	756,751	46,775	73,775	194,346	441,855	61	43	29,827	926	362,384
89	South Bethlehem	127	8,713,185	126,745	707,745	1,161,995	6,716,700	126	281	342,142	5,544	2,390,100
90	South Williamsport	15	586,673	31,131	78,895	217,870	258,777	14	15	16,164	386	146,218
91	Spring City	47	509,362	45,200	94,800	99,689	269,673	46	20	19,708	482	198,685
92	Steelton	55	6,315,833	99,166	967,815	857,651	4,391,201	51	273	275,189	4,871	2,127,334
93	Stroudsburg	55	461,770	43,775	90,350	171,810	155,835	63	13	12,015	544	232,046
94	Summit Hill	14	34,078	1,375	3,935	2,658	26,110	16	------	------	29	11,105
95	Sunbury	76	2,101,602	139,894	353,119	580,335	1,028,254	76	80	55,513	1,140	441,531
96	Susquehanna	82	810,076	69,950	213,948	396,770	129,408	51	18	12,580	1,187	613,508
97	Tamaqua	64	917,124	87,415	260,350	319,276	250,083	65	28	24,635	564	229,728
98	Tarentum	55	2,192,747	216,806	547,150	880,313	548,478	58	59	81,620	1,420	628,233
99	Taylor	12	170,549	6,286	14,615	51,186	98,462	12	8	6,139	197	30,375
100	Titusville	113	2,550,452	121,516	398,740	739,743	1,290,453	127	67	92,408	1,204	522,749
101	Towanda	89	673,021	40,000	83,115	187,220	362,686	111	42	30,220	559	185,477
102	Turtle Creek	14	14,800	3,000	3,250	4,360	4,190	15	------	------	15	9,710
103	Tyrone	69	1,098,861	63,461	180,387	500,335	354,678	80	40	44,522	560	243,711
104	Uniontown	130	872,549	152,850	171,850	223,069	324,780	157	37	25,579	743	323,863
105	Warren	119	2,869,020	174,169	466,718	1,142,437	1,085,696	138	74	76,602	1,270	585,590
106	Washington	150	2,897,67[illegible]	[illegible]5,577	504,823	853,626	1,353,645	174	119	130,468	2,206	1,052,616

BOROUGHS UNDER 20,000 IN POPULATION: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
524	$241,089	56	$12,926	5	$1,114	$65,053	$7,543	$3,928	$48,082	$5,500	$493,058	$481,785	$11,273	$1,061,464	27
1,968	798,944	209	35,808	237	20,554	227,030	8,715	7,932	208,983	1,400	2,759,707	2,489,451	270,256	4,317,776	28
287	144,369	293	93,237	164	33,315	78,366	5,043	3,290	64,490	5,543	570,333	559,043	11,290	1,152,278	29
846	345,917	35	7,358	12	2,650	89,756	6,709	6,304	76,743	----------	1,229,312	1,216,279	13,033	1,926,391	30
711	322,350	138	25,918	44	6,654	180,467	11,532	3,647	141,788	23,500	662,486	649,592	12,894	1,472,675	31
1,493	1,074,348	-------	----------	4	804	435,881	1,678	34,637	399,566	----------	14,611,842	13,167,490	1,444,352	20,365,667	32
177	45,514	167	26,370	39	4,373	66,965	1,088	597	22,644	42,636	478,844	473,936	4,908	685,394	33
219	75,008	232	49,488	50	5,827	65,227	2,886	759	51,380	10,202	308,958	300,016	8,942	634,359	34
1,651	851,507	8	3,015	50	11,470	64,848	1,263	12,635	50,780	170	2,515,585	2,007,678	507,907	5,655,269	35
685	338,455	62	14,033	11	1,830	1,506,361	10,928	4,997	1,489,186	1,250	1,826,916	1,790,014	36,902	6,046,218	36
39	15,473	17	3,355	5	648	3,989	1,302	123	2,514	50	49,673	48,837	836	94,622	37
916	528,502	70	14,192	13	1,918	65,003	4,775	2,703	37,825	19,700	1,116,066	1,058,722	57,344	1,900,471	38
242	90,391	94	20,674	33	2,450	20,950	3,125	1,041	13,159	3,625	383,291	375,596	7,695	627,209	39
524	203,257	309	56,267	16	2,743	78,399	4,971	1,348	72,080	----------	557,542	540,304	17,238	1,153,492	40
288	112,206	88	18,756	72	9,991	21,825	1,234	1,737	8,404	10,450	587,627	574,638	12,989	809,724	41
557	270,206	396	60,472	96	11,091	166,935	18,513	5,353	123,148	19,921	520,222	511,128	9,094	1,478,503	42
183	75,236	12	2,300	2	200	8,931	1,691	592	6,648	----------	190,979	175,982	14,997	332,022	43
1,006	433,265	16	4,154	8	1,828	59,737	16,180	2,412	41,145	----------	725,729	701,675	24,054	1,444,245	44
350	161,414	270	69,865	60	7,405	90,242	6,299	2,753	59,190	22,000	714,659	704,332	10,327	1,235,425	45
367	165,255	171	41,916	12	1,412	82,972	8,349	2,624	71,999	----------	547,414	530,897	16,517	971,674	46
270	117,215	9	1,956	4	644	3,728	1,511	1,515	702	----------	200,274	197,795	2,479	348,517	47
4,554	1,958,687	846	249,744	213	37,378	350,716	18,082	17,411	312,281	2,942	6,512,892	5,612,645	900,247	10,167,455	48
208	79,021	135	17,707	37	2,987	38,955	4,595	1,988	23,285	9,087	414,945	408,240	6,705	691,705	49
188	68,923	72	14,004	-------	----------	11,286	2,417	997	7,872	----------	310,212	304,603	5,609	469,221	50
523	214,619	31	7,846	9	1,240	41,760	5,036	1,587	24,772	10,365	562,710	542,013	20,697	984,234	51
2,010	1,197,355	2	500	43	8,621	539,720	2,266	5,759	129,695	402,000	2,517,940	2,384,586	133,354	4,288,935	52
270	99,630	180	28,998	24	2,954	119,879	7,416	3,930	108,533	----------	230,275	223,183	7,092	648,645	53
138	42,742	179	31,749	17	2,412	36,158	1,299	316	33,541	1,002	273,015	270,237	2,778	450,698	54
492	173,922	153	33,670	29	2,559	33,986	3,184	897	24,563	5,342	651,529	524,012	127,517	1,125,701	55
294	138,048	28	5,546	1	120	22,802	3,889	1,668	16,445	800	251,282	247,594	3,688	506,252	56
1,250	603,944	194	43,926	1	150	77,057	13,616	1,748	54,481	7,212	1,099,379	1,075,688	23,691	2,159,110	57
358	161,147	71	11,039	15	1,654	22,811	3,160	1,217	18,434	----------	313,820	303,811	10,009	636,083	58
162	73,709	8	1,600	-------	----------	27,418	4,050	1,252	12,416	9,700	87,575	85,296	2,279	279,436	59
1,372	516,625	129	29,533	71	10,660	52,608	3,709	3,424	44,914	561	3,269,223	3,212,432	56,791	5,198,286	60
115	69,967	2	336	2	306	80,649	3,042	2,130	74,477	1,000	174,499	166,686	7,813	466,389	61
1,228	494,917	154	35,446	39	4,311	86,020	7,148	3,520	75,352	----------	1,885,416	1,820,144	65,272	2,912,209	62
35	16,341	46	8,583	3	366	11,821	1,826	224	8,471	1,300	87,705	86,729	976	167,798	63
414	282,864	17	4,320	7	1,126	56,285	4,485	2,270	38,920	10,610	337,720	315,869	21,851	841,155	64
114	61,168	42	6,742	51	5,251	47,646	4,824	857	41,830	135	194,244	190,621	3,623	399,678	65
1,207	539,837	200	40,096	75	10,656	108,677	6,137	5,946	94,047	2,547	1,003,463	956,329	47,134	2,195,552	66
39	19,441	7	1,500	-------	----------	2,203	1,211	320	672	----------	44,473	43,829	644	90,002	67
51	18,232	26	5,531	4	131	36,196	653	125	4,768	30,650	78,425	77,230	1,195	165,687	68
136	53,109	122	21,112	9	719	6,766	378	828	5,560	----------	224,827	218,422	6,405	360,928	69
1,872	1,007,906	117	29,817	3	450	161,228	20,559	9,736	128,933	2,000	4,742,848	4,642,547	100,301	6,710,886	70
248	89,226	177	41,206	28	2,757	15,625	1,563	394	13,668	----------	406,423	404,231	2,192	648,223	71
233	149,613	103	28,260	-------	----------	46,457	40,328	1,220	4,909	----------	219,184	211,823	7,361	537,322	72
2,168	1,018,451	258	66,771	130	14,497	232,963	10,278	7,779	214,906	----------	3,202,965	3,028,984	173,981	4,992,772	73
390	199,216	104	21,565	11	1,559	98,686	12,288	2,988	62,210	21,200	722,800	714,503	8,297	1,261,500	74
276	119,741	418	73,427	229	20,329	95,935	9,058	1,367	81,010	4,500	362,488	356,041	6,447	803,728	75
2,421	1,142,666	459	85,232	179	23,331	386,985	214,608	7,174	163,398	1,805	5,263,759	4,970,052	293,707	8,111,486	76
1,303	571,700	534	85,869	130	13,610	383,317	29,653	8,636	312,531	32,497	3,626,129	3,594,919	31,210	5,354,633	77
1,574	973,963	-------	----------	48	9,904	716,589	634	14,128	701,827	----------	5,437,357	4,992,790	444,567	8,607,680	78
927	501,770	206	61,847	300	25,899	104,262	2,412	3,464	98,386	----------	470,450	384,832	85,618	1,440,567	79
25	10,600	170	34,554	18	2,352	2,225	830	135	1,260	----------	57,678	56,710	968	146,277	80
1,192	579,243	60	9,373	9	2,622	40,754	1,717	8,412	28,625	2,000	1,170,326	1,148,685	21,641	1,945,797	81
413	193,872	270	63,418	19	2,209	15,605	2,012	822	12,771	----------	1,105,426	1,094,883	10,543	1,497,484	82
503	212,976	430	91,741	85	8,340	130,080	20,769	1,575	29,252	78,484	905,421	896,496	8,925	1,656,606	83
3,078	1,586,957	50	12,280	17	2,511	470,574	9,209	19,134	411,839	30,392	6,751,895	6,148,550	603,345	9,865,039	84
1,086	644,207	15	3,982	112	21,757	81,674	15,856	3,986	31,028	30,804	1,854,014	1,732,013	122,001	2,950,668	85
910	531,019	1	250	1	40	229,576	493	7,421	221,662	----------	4,220,305	2,985,068	1,235,237	6,238,801	86
175	56,637	107	14,619	2	181	17,233	2,412	532	8,921	5,368	186,893	184,101	2,792	391,727	87
780	336,341	65	13,418	51	12,625	49,291	25,942	1,159	20,628	1,562	321,121	290,343	30,778	947,737	88
4,828	2,254,478	474	94,976	242	40,646	931,898	463,292	28,195	388,327	52,084	5,301,034	4,504,631	796,403	10,964,911	89
338	141,006	2	240	46	4,972	41,671	827	2,289	38,529	26	342,755	326,895	15,860	629,446	90
260	141,254	173	44,600	49	12,831	19,573	2,859	1,568	15,146	----------	280,290	261,084	19,206	655,974	91
4,756	2,103,948	92	20,613	23	2,773	941,119	13,062	24,159	884,950	18,948	10,006,789	8,714,704	1,292,085	14,204,954	92
451	211,291	43	12,110	50	8,645	25,142	7,111	1,368	16,663	----------	589,797	582,063	7,734	959,845	93
25	10,620	8	425	1	60	745	498	60	187	----------	27,342	27,081	261	51,323	94
867	390,030	222	45,527	51	5,974	177,578	6,005	6,047	63,723	101,803	1,360,184	1,347,955	12,229	2,254,609	95
1,159	606,394	17	5,155	11	1,959	18,938	5,300	3,604	7,534	2,500	685,438	674,079	11,359	1,416,927	96
419	204,984	117	20,288	28	4,456	87,826	5,073	3,202	56,859	22,692	388,937	379,482	9,455	847,964	97
1,197	589,270	85	21,489	138	17,474	254,885	2,038	7,021	224,776	21,050	755,942	649,491	106,451	1,980,947	98
14	7,584	145	19,418	38	3,373	29,742	1,980	111	2,619	25,032	95,113	93,798	1,315	166,438	99
1,104	505,926	92	15,978	8	845	216,767	13,627	7,080	143,010	53,050	1,657,275	1,586,535	70,740	2,995,292	100
435	162,095	96	19,403	28	3,979	35,655	10,932	1,260	23,232	231	358,155	351,864	6,291	732,433	101
15	9,710	-------	----------	-------	----------	1,434	1,252	78	104	----------	21,825	21,559	266	45,078	102
459	223,666	86	18,529	15	1,516	62,286	9,431	3,657	49,048	150	670,868	624,732	46,136	1,305,899	103
650	301,989	63	15,609	30	6,265	90,467	11,642	3,764	74,161	900	632,238	613,939	18,299	1,348,936	104
1,181	560,629	84	24,185	5	776	350,190	13,774	8,041	294,875	33,500	2,357,681	2,277,945	79,736	4,152,859	105
1,891	987,315	189	42,448	126	22,853	461,068	18,384	4,647	224,629	213,408	2,303,113	2,164,165	138,948	4,667,330	106

TABLE 9.—MANUFACTURES IN CITIES AND

	Cities and boroughs.	Number of establishments.	Capital.					Proprietors and firm members.	Salaried officials, clerks, etc.		Average number of wage-earners and total wages.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
107	Watsontown	21	$257,571	$12,250	$45,360	$59,678	$140,283	20	38	$23,588	$280	$91,651
108	Waynesboro	61	3,984,774	60,125	271,665	310,535	3,342,449	61	97	98,069	1,103	507,628
109	West Bethlehem	17	143,990	14,425	36,630	27,020	65,915	22	6	4,000	69	29,214
110	West Chester	112	1,244,188	136,200	222,481	340,007	545,500	127	69	50,783	740	351,087
111	West Pittston	35	567,287	22,500	106,887	195,955	241,945	36	31	47,048	299	123,238
112	Wilkinsburg	131	1,049,083	131,370	122,420	68,396	726,897	159	15	6,048	655	464,107
113	Wilmerding	10	19,546,553	311,300	2,226,500	653,656	16,355,097	9	109	241,595	2,015	1,353,869
114	Wrightsville	34	462,672	22,250	126,746	87,585	226,091	38	30	15,673	427	133,735

BOROUGHS UNDER 20,000 IN POPULATION: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
259	$87,142	16	$3,909	5	$600	$11,747	$1,154	$728	$9,865	----------	$298,200	$293,628	$4,572	$459,670	107
1,086	504,872	14	2,311	3	445	265,093	5,604	5,099	211,050	$43,340	1,072,213	1,055,728	16,485	2,731,059	108
62	28,064	7	1,150	----------	----------	19,928	424	516	3,488	15,500	174,573	172,320	2,253	276,939	109
695	342,332	35	7,062	10	1,693	164,169	10,106	3,423	64,990	85,650	459,559	445,761	13,798	1,378,362	110
206	107,214	86	15,247	7	777	127,444	3,357	1,344	117,898	4,845	242,730	238,457	4,273	621,996	111
623	455,447	31	8,480	1	180	644,594	12,643	1,868	19,165	610,918	897,931	895,769	2,162	2,295,846	112
1,997	1,348,984	14	3,873	4	1,012	636,488	880	51,323	584,185	100	2,592,726	2,546,018	46,708	9,171,384	113
336	118,052	74	14,669	17	1,014	31,909	5,753	935	24,521	700	470,759	345,305	125,454	781,452	114

RHODE ISLAND.

Table 1 shows the manufacturing and mechanical industries of the state of Rhode Island as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	4,189	3,377	2,205	1,850	1,191	864	24.0	53.2	19.2	55.3	37.8
Capital	$183,784,587	$126,483,401	$75,575,943	$66,557,322	$24,278,295	$12,935,676	45.3	67.4	13.6	174.1	87.7
Salaried officials, clerks, etc., number	4,433	[1] 4,865	(2)	(2)	(2)	(2)	[3] 8.9				
Salaries	$5,552,189	[1] $4,688,608					18.4				
Wage-earners, average number	98,813	81,111	62,878	49,417	32,490	20,967	21.8	29.0	27.2	52.1	55.0
Total wages	$41,114,084	$33,239,313	$21,355,619	$19,354,256	$8,760,125	$5,047,080	23.7	55.6	10.3	120.9	73.6
Men, 16 years and over	64,508	49,684	37,060	28,804	20,795	12,923	29.8	34.1	28.7	38.5	60.9
Wages	$31,295,442	$24,915,189	(2)	(2)	(2)	(2)	25.6				
Women, 16 years and over	29,269	25,602	18,270	14,752	11,695	8,044	14.3	40.1	23.8	26.1	45.4
Wages	$8,909,010	$7,397,979	(2)	(2)	(2)	(2)	20.4				
Children, under 16 years	5,036	5,825	7,548	5,861	(2)	(2)	[3] 13.5	[3] 22.8	28.8		
Wages	$909,632	$926,145	(2)	(2)	(2)	(2)	[3] 1.8				
Miscellaneous expenses	$12,199,283	$8,825,407	(4)	(4)	(4)	(4)	38.2				
Cost of materials used	$96,392,661	$76,253,023	$58,103,443	$73,154,109	$19,858,515	$13,186,703	26.4	31.2	[3] 20.6	268.4	50.6
Value of products, including custom work and repairing	$184,074,378	$142,500,625	$104,163,621	$111,418,354	$40,711,296	$22,117,688	29.2	36.8	[3] 6.5	173.7	84.1
Total population	428,556	345,506	276,531	217,353	174,620	147,545	24.0	24.9	27.2	24.5	18.4
Wage-earners engaged in manufactures	98,813	81,111	62,878	49,417	32,490	20,967	21.8	29.0	27.2	52.1	55.0
Per cent of total population	23.1	23.5	22.7	22.7	18.6	14.2					
Assessed value of real estate	[5] $320,318,384	$243,081,296	$188,224,459	$132,876,581	$83,778,204	$54,358,231	31.8	29.1	41.7	58.6	54.1
Value of land and buildings invested in manufactures [6]	$44,180,729	$28,274,887	(2)	(2)	(2)	(2)	56.8				
Per cent of assessed value	13.8	11.6									

[1] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[2] Not reported separately.
[3] Decrease.
[4] Not reported.
[5] As given in Rhode Island Manual for 1900, page 288.
[6] Does not include value of rented property.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for governmental establishments and establishments with a product of less than $500, neither of which were reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	4,558	$183,972,883	4,924	98,881	$41,139,729	$12,214,589	$96,447,570	$27,442,804	$65,281,796	$3,722,970	$184,223,066
Hand trades [1]	2,103	5,351,529	2,316	9,457	4,545,446	968,842	7,201,373	48,867	7,026,053	126,453	15,921,113
Governmental establishment	1	36,764		29	16,963	800	28,353		20,560	2,793	46,741
Establishments with a product of less than $500	368	151,532	388	39	8,682	14,506	31,556	2,897	26,749	1,910	101,947
All other establishments	2,086	178,433,058	2,220	89,356	36,568,638	11,230,441	89,191,288	27,391,040	58,208,434	3,591,814	168,153,265

[1] Includes bicycle and tricycle repairing, 84; blacksmithing and wheelwrighting, 302; boots and shoes, custom work and repairing, 264; carpentering, 238; clothing, men's, custom work and repairing, 189; clothing, women's, dressmaking, 223; dyeing and cleaning, 15; furniture, cabinetmaking, repairing, and upholstering, 62; lock and gun smithing, 21; masonry, brick and stone, 84; millinery, custom work, 148; painting, house, sign, etc., 214; paper hanging, 10; plastering and stuccowork, 6; plumbing, and gas and steam fitting, 144; sewing machine repairing, 1; taxidermy, 2; typewriter repairing, 2; watch, clock, and jewelry repairing, 94.

In addition to the 4,558 active establishments in the state during the census year, with a capital of $183,972,883, shown in Table 2, there were 13 idle establishments, with a capital of $605,565. Of the 4,558 establishments of all classes, 2,471, or 54.2 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments consists principally of the sums received for custom work and repairing, and amounted to $16,023,060, or only 8.7 per cent of the total value of the products for the state.

Comparative statistics for the 9 leading industries in Rhode Island are presented in Table 3.

TABLE 3.—COMPARATIVE SUMMARY OF NINE LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	667	$134,550,529	68,945	$27,395,116	$8,074,233	$65,004,507	$120,746,652
	1890	555	93,459,639	60,424	23,121,132	5,767,582	54,267,290	97,509,037
Increase, 1890 to 1900		112	41,090,890	8,521	4,273,984	2,306,651	10,737,217	23,237,615
Per cent of increase		20.2	44.0	14.1	18.5	40.0	19.8	23.8
Per cent of total of all industries in state	1900	15.9	73.2	67.5	66.6	66.2	67.4	65.6
	1890	16.4	73.9	74.5	69.6	65.4	71.2	68.4
Flouring and grist mill products	1900	47	532,211	80	37,678	22,292	1,628,852	1,895,921
	1890	31	391,102	98	48,697	24,012	1,168,188	1,349,843
Foundry and machine shop products	1900	149	16,403,935	8,799	4,638,507	933,616	5,417,891	13,269,086
	1890	101	11,377,475	6,876	3,813,290	525,136	3,752,455	10,170,286
Gold and silver, reducing and refining, not from the ore	1900	10	505,957	70	43,884	26,625	3,138,355	3,484,454
	1890	10	300,425	70	48,796	19,370	1,162,168	1,419,553
Jewelry	1900	214	8,899,702	7,162	3,170,932	668,245	6,206,699	13,320,620
	1890	179	6,095,971	4,092	2,110,529	337,451	3,301,814	8,011,067
Liquors, malt	1900	5	3,338,276	296	223,712	859,619	453,406	1,880,171
	1890	3	287,500	82	50,900	102,376	187,500	436,846
Rubber and elastic goods	1900	9	1,631,869	1,039	359,244	200,011	1,659,676	2,518,268
	1890	4	358,764	438	161,566	63,661	359,668	629,000
Silverware	1900	8	5,127,714	1,540	978,198	105,514	1,687,883	3,834,408
	1890	4	3,002,232	969	687,035	367,389	1,045,860	2,509,869
Slaughtering and meat packing, wholesale	1900	6	727,850	199	102,424	43,794	2,164,400	2,410,466
	1890	10	753,100	242	135,329	45,149	4,213,329	4,627,366
Textiles: Total	1900	218	97,383,015	49,760	17,840,537	5,214,517	42,647,345	78,133,258
	1890	213	70,893,070	47,557	16,064,990	4,283,038	39,076,308	68,355,207
Cotton goods (including cotton small wares)	1900	87	40,150,824	24,032	8,033,007	1,736,590	11,697,461	26,435,675
	1890	94	38,798,161	24,576	7,814,767	1,871,057	14,347,672	27,310,499
Dyeing and finishing textiles	1900	24	12,853,123	5,942	2,474,042	1,138,065	3,087,781	8,484,878
	1890	22	5,739,692	3,619	1,462,996	393,549	1,819,351	4,743,561
Hosiery and knit goods	1900	15	2,452,044	1,594	469,193	90,900	1,766,831	2,713,850
	1890	16	1,728,618	1,504	453,679	110,720	1,618,621	2,516,664
Shoddy	1900	9	228,930	131	56,397	23,828	399,126	515,643
	1890	10	194,250	132	51,516	22,278	1,165,235	1,350,792
Silk and silk goods	1900	6	680,252	455	166,675	103,454	818,561	1,311,333
	1890	8	122,256	186	53,471	17,427	149,763	229,062
Woolen goods	1900	26	6,068,073	2,710	1,104,054	287,695	3,386,993	5,330,550
	1890	40	9,360,927	5,912	2,161,632	530,535	6,042,754	9,884,945
Worsted goods	1900	51	34,949,769	14,896	5,537,169	1,833,985	21,490,592	33,341,329
	1890	28	14,949,166	11,628	4,066,929	1,337,472	13,932,912	22,319,684

Table 1 reveals the steady growth of the manufacturing industries of Rhode Island during the half century and demonstrates the preeminent position of the state as a center of productive industry. The percentage of increase in the number of manufacturing establishments has been double the percentage of increase in population. Equally striking has been the increase in the amount of capital invested, in the value of manufactured products, in the average number of wage-earners, and in the amount of wages paid.

The total population of the state in 1850 was 147,545, and in 1900, 428,556, an increase in the fifty years of 281,011, or 190.5 per cent. The average number of wage-earners employed in manufacturing establishments has increased from 20,967 in 1850 to 98,813 in 1900, an increase of 371.3 per cent in the fifty years, and embraced, in the latter year, 23.1 per cent of the entire population.

The greatest number of persons so employed at any one time during the year was 116,169, or 27.1 per cent of the total population, and this percentage is a more accurate indication of the proportion so employed. It is doubtful whether so large a share of the material wealth and resources of any other commonwealth can be attributed to the enterprise and skill of its citizens in the enlargement and extension of old established industries and the development of new forms of productive industry.

The period of greatest increase during the half century covered by Table 1 was that between 1860 and 1870. The increase between 1890 and 1900 has not been as marked as in some previous decades, but it has been sufficiently notable to demonstrate that Rhode Island is advancing under the modern methods of manufacture quite as rapidly as other states.

The factors that have contributed to this growth are

limited; it must be attributed to the early and successful establishment of the factory system, particularly in the cotton manufacture; to the natural tendency of one industry to stimulate the introduction of other industries; to the abundance of capital; and to the enterprise and skill of the citizens. Rhode Island possesses no natural resources which have materially aided in its development. There is but one railway system of any importance connecting the manufacturing centers of the state with the outside world, thus eliminating the advantages of competition in railroad freight rates. The state has a natural outlet by water in Providence River and Narragansett Bay, making one of the finest harbors on the New England coast, but the lack of proper dockage in Providence Harbor, the natural port for the outlet of the state's products, combined with a too shallow depth of water for ocean traffic, has deprived the manufacturers of any great benefit from geographical location. The coal and raw materials for the factories are transported long distances, and this fact renders more notable the preeminence of the state in certain of the finer products of iron and steel, such as textile and other mill machinery, machine tools, screws, etc.

While the manufactures of Rhode Island are widely diversified, there are particular branches in which the state has won a world-wide reputation. The fineness of its textiles, the wealth and beauty of its manufactures of gold and silver, the products of foundries and machine shops, the accuracy of its fine tools, in use in every quarter of the globe, the reputation its steam engines have acquired in manufacturing circles, and its enormous output of rubber boots and shoes, all combine to preserve and extend this reputation.

The history of the factory system in Rhode Island began in April, 1790, when a copartnership was established in Pawtucket for carrying on the spinning of cotton.[1] Samuel Slater, one of the partners, constructed a complete series of machines on which was made the first cotton thread spun by water power in the United States. Cotton spinning mills increased rapidly during the next twenty-five years, until in 1815 there were 140,000 spindles in use within a radius of 30 miles of Providence. The first calico printed in the United States was produced about 1794 in East Greenwich, and a large variety of the finer fabrics of cotton are now manufactured in the state. During the last decade, however, the number of cotton spindles in the state has slightly decreased. In 1890 there were 1,924,486 spindles as against 1,920,522 in 1900, a decrease of 3,964. Ranked according to the number of spindles employed, Rhode Island has held the second place in the cotton manufacture from the beginning of the industry in this country, Massachusetts standing first.[2] As shown in Table 3, the products of the cotton mills of the state amounted to $26,435,675 in 1900, as against a value of $27,310,499 in 1890. A large proportion of the cotton goods produced in Rhode Island is finished in dyeing and finishing mills, the product of which, being the value added to the goods by the final processes, has increased from $4,743,561 in 1890 to $8,484,878 in 1900, or nearly 78.9 per cent. The production of print cloths in the state increased from 76,634,732 yards, valued at $3,588,671 in 1890 to 99,272,574 yards, valued at $4,354,811 in 1900, and of fancy woven fabrics from 20,363,202 yards, valued at $2,004,668 to 21,554,243 yards, valued at $1,997,352. The manufacture of ginghams, of which 4,666,144 yards, valued at $418,789, were made in 1890, has been discontinued in the state, and the production of twills and sateens has remained about stationary. Corduroy, cotton velvets, plushes, and mosquito nettings, none of which were made in 1890, have now reached a production valued at nearly a million dollars.

The first attempt in Rhode Island to manufacture woolen goods by the factory system was made in 1804 at Peacedale, South Kingstown. In 1810 the number of mills was 12.[3] The first power loom to be employed in the United States in the production of woolen goods was installed at Peacedale in 1814.[4] The industry has steadily developed. For many decades Rhode Island ranked fifth among wool manufacturing states, advancing to third place in 1890, a position still retained. Several of the largest and most perfectly equipped worsted mills in the country are located within its borders.

The statistics of the industry indicate the continued rapid decrease of the production of woolen goods as distinguished from worsted goods, and an enormous increase in the production of the latter variety of wool fabrics. While the number of sets of woolen cards in the state has decreased from 572 in 1890 to 551 in 1900, the number of worsted combing machines in operation has increased from 195 to 290, and the number of worsted spindles from 144,271 to 316,820. The production of woolen, worsted, and cotton warp fabrics has increased from 37,409,898 square yards in 1890, valued at $25,827,738 to 50,168,111 square yards in 1900, valued at $28,146,346.

Table 3 shows that the textile industries are by far the most important in the state. The 218 establishments reported for these industries gave employment to 49,760 persons, or 50.4 per cent of the wage-earners in the entire state, and the value of the product was $78,133,258, or 42.4 per cent of the total value of all the products of the state. During the decade there was a net increase of 5 in the number of establishments engaged in the textile industries, while the capital increased $26,489,945, or 37.4 per cent. The number of wage-earners increased 2,203, or 4.6 per cent, and the wages paid increased $1,775,547, or 11.1 per cent, while the increase in product was $9,778,051, or 14.3 per cent. Under the head of textiles, worsted goods stand first in value of products, amounting to $33,341,329 for the year 1900; the value of cotton goods produced in

[1] The New England States, edited by W. T. Davis, Vol. IV, pages 2533 and 2534.

[2] Eleventh Census Report on Manufacturing Industries of the United States, Part III, Selected Industries, page 171.

[3] The New England States, Vol. I, page 203, and Vol. IV, page 2534.

[4] The Providence Plantations for 250 Years, edited by W. A. Greene, page 243.

1900 being $26,435,675, while the remainder of textile products, amounting to $18,356,254, consisted of woolen goods, hosiery, knit goods, etc.

Rhode Island, and especially the city of Providence, has long been prominent in the manufacture of jewelry,[1] which, next to the textiles, is the most important industry in the state. All varieties and grades of jewelry are produced. The industry dates back to the Revolution, but it was the ingenuity of a Providence goldsmith in 1794 which firmly established it in that city. While manufacturers in Newark and New York city were turning out products of pure gold and silver, wrought by hand, Nehemiah Dodge invented a process for "filling" the gold with cheaper materials, and at about the same time applied machinery to the manufacture. The process by which this much cheaper product was obtained soon became known to other manufacturers in the city and was carried across the state line to Attleboro, Mass., a town which now rivals Providence in this industry. The reputation of Providence in this branch of manufactures attracted a skilled workman in the precious metals from Birmingham, England, in 1846, one Thomas H. Lowe, who improved the filling process, thus further reducing the cost of manufacture. In the year 1812 the jewelry manufactures of the city of Providence were valued at $100,000. In 1856 the product amounted to $2,696,000, while in the present census there are 214 establishments engaged in this industry, with a capital of $8,899,702 and giving employment to 7,162 wage-earners, having a product valued at $13,320,620. During the decade from 1890 to 1900 the capital employed in the industry increased from $6,095,971 to $8,899,702, or 46 per cent; the product from $8,011,067 to $13,320,620, or 66.3 per cent; and wages from $2,110,529 to $3,170,932, or 50.2 per cent. In the census of 1890 it appears that one-fifth of the product of the jewelry industry of the country was manufactured in the city of Providence. The cities next in importance were New York, Newark, and Philadelphia, but nearly as many employees were reported for Providence as for those three cities combined.

Allied to the jewelry manufacture is the manufacture of silverware. It was an apprentice of the founder of the jewelry industry who began the manufacture of silverware in Providence and founded what is now one of the largest establishments in this line of manufacture in the world. The census of 1890 shows that at that time nearly one-half of the silverware manufacturing of the United States was carried on in Rhode Island. There were 8 establishments in the state engaged in this industry in 1900, all located in Providence, with a capital of $5,127,714, an increase over 1890 of $2,125,482, or 70.8 per cent. These establishments give employment to 1,540 wage-earners, to whom $978,198 was paid in wages, and their product was valued at $3,834,498, an increase of $1,324,539 since 1890, or 52.8 per cent.

The refining of gold and silver sweepings is closely dependent upon the two industries just described. Until 1850 the material used in this industry was allowed to go to waste. There are 10 establishments in the state engaged in this industry, all located in Providence, with an invested capital of $505,957, and a product valued at $3,484,454.

The demand for machinery in the textile and jewelry factories of Rhode Island early stimulated the manufacture of machinery, an industry third in importance in the state. During the decade from 1890 to 1900 the capital invested in the foundries and machine shops increased from $11,377,475 to $16,403,935, or 44.2 per cent; the number of wage-earners, from 6,876 to 8,799, or 28 per cent; the total amount of wages, from $3,813,290 to $4,638,507, or 21.6 per cent; and the value of products, from $10,170,286 to $13,269,086, or 30.5 per cent. Included in this classification is the manufacture of engines and boilers, a specialty for which Providence has a world-wide reputation and in which its preeminence is partly due to the early application of steam to manufacturing in this state. In 1812 and 1814 several factories were equipped with engines brought from Philadelphia, but the great expense of transportation and the increasing demand induced local mechanics to embark in this manufacture, with the result that the first engine shop in the state was erected in 1826.[2]

In 1839 the manufacture of files was begun in Providence, but it was to the invention by a local mechanic in 1864 of machinery for this manufacture that the present importance of this industry in the city is due.[3] The product of the industry in 1900 amounted to $1,033,838.

The manufacture of rubber and elastic goods has also attained great importance, showing increases during the last decade as follows: Capital, from $358,764 to $1,631,869, or 354.9 per cent; average number of wage-earners, from 438 to 1,039, or 137.2 per cent; wages from $161,566 to $359,244, or 122.4 per cent; and products, from $629,000 to $2,518,268, or 300.4 per cent.

There were 6 establishments engaged in wholesale slaughtering and meat packing in 1900, with 199 wage-earners, and products valued at $2,410,466. In 1890 there were 10 establishments, 242 wage-earners, and products valued at $4,627,366. The decrease in the value of products during the decade was $2,216,900, or 47.9 per cent.

There were 47 establishments engaged in flour and grist milling in 1900, with 80 wage-earners, and products valued at $1,895,921. In 1890 there were 31 establishments, 98 wage-earners, and products valued at $1,349,843. The increase in the value of products during the decade was $546,078, or 40.5 per cent.

The manufacture of malt liquors, which is the last in

[1] The Providence Plantations for 250 Years, pages 331 and 334. The New England States, Vol. IV, page 2513. One Hundred Years of American Commerce, pages 590 and 592. Industrial History of the United States, A. S. Bolles, page 328.

[2] The Providence Plantations for 250 Years, page 244.

[3] The New England States, Vol. IV, page 2538. The Providence Plantations for 250 Years, page 244.

importance of the leading industries given in Table 3, shows the following increases during the ten years ending with 1900: Capital, from $287,500 to $3,338,276, or 1,061.1 per cent; average number of wage-earners, from 82 to 296, or 261 per cent; wages, from $50,900 to $223,712, or 339.5 per cent; and the value of products, from $436,846 to $1,880,171, or 330.4 per cent.

In addition to the industries enumerated in Table 3, for which comparative figures are available, special attention should be called to the manufacture of rubber boots and shoes and of electrical apparatus and supplies. There were one and two establishments, respectively, engaged in these industries in 1890 and their statistics, therefore, were included in the group of "All other industries" and can not be used for the purpose of comparison with the totals for 1900.

Six establishments were reported for the manufacture of rubber boots and shoes at the Twelfth Census, with a product valued at $8,034,417, and the industry ranked fourth in importance according to the value of its products.

The manufacture of electrical apparatus and supplies has increased very rapidly during the last decade. In 1900 there were 13 establishments reported, with a product valued at $5,113,292, giving the industry fifth rank according to the value of products.

URBAN MANUFACTURES.

There were 24 cities and towns in Rhode Island in which the manufacturing and mechanical industries were considered of sufficient importance to justify their withdrawal from the enumerators, and the appointment of special agents to collect the statistics. The manufacturing establishments located within the corporate limits of such places are considered "urban manufactures."

The presentation of statistics in detail for cities is confined to those having a population of 20,000 or over. There were 3 cities, namely, Pawtucket, Providence, and Woonsocket, and the town of Warwick, falling within this requirement and their statistics are presented in Table 8. While Newport has a population of 22,034, it is a residential city and its manufactures are comparatively insignificant.

The statistics for Pawtucket, Providence, and Woonsocket were published separately at the census of 1890, and Table 4 is a comparative summary, presenting the totals for each of the 3 cities, together with the per cent of increase during the decade, and also the per cent that the totals for these 3 cities formed of the total for the entire state at the two censuses.

TABLE 4.—COMPARATIVE SUMMARY, PAWTUCKET, PROVIDENCE, AND WOONSOCKET, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	Wage-earners.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
The State	1900	4,189	$183,784,587	98,813	$41,114,084	$12,199,283	$96,392,661	$184,074,378
	1890	3,377	126,483,401	81,111	33,239,313	8,825,407	76,253,023	142,500,625
Per cent of increase		24.0	45.3	21.8	23.7	38.2	26.4	29.2
Pawtucket	1900	534	22,399,187	12,776	5,230,268	2,040,261	12,933,104	24,080,328
	1890	371	16,693,984	8,919	3,552,529	1,051,697	9,415,654	16,303,729
Per cent of increase		43.9	34.2	43.2	47.2	94.0	37.4	47.7
Providence	1900	1,933	83,513,679	44,978	19,998,362	5,815,066	46,357,130	88,168,897
	1890	1,934	61,133,598	38,987	17,685,890	5,082,048	39,794,241	77,467,283
Per cent of increase		[1]0.1	36.6	15.4	13.1	14.4	16.5	13.8
Woonsocket	1900	242	14,279,361	8,093	3,080,280	589,795	7,563,204	15,627,539
	1890	201	10,096,619	6,190	2,141,229	393,282	5,532,286	9,613,264
Per cent of increase		20.4	41.4	30.7	43.9	50.0	36.7	62.6
Total for 3 cities	1900	2,709	120,192,227	65,847	28,308,910	8,445,122	66,853,438	127,876,764
	1890	2,506	87,924,201	54,096	23,379,648	6,527,027	54,742,181	103,384,276
Per cent of increase		8.1	36.7	21.7	21.1	29.4	22.1	23.7
Per cent of 3 cities to total for state	1900	64.7	65.4	66.6	68.9	69.2	69.4	69.5
	1890	74.2	69.5	66.7	70.3	74.0	71.8	72.6

[1] Decrease.

As shown in Table 4 there has been a satisfactory increase during the last decade in the manufacturing industries of the 3 principal cities of the state. In Providence, the leading city, there were in 1900, 1,933 establishments, or 46.1 per cent of the entire number located within the state. These establishments had a combined capital amounting to $83,513,679, or 45.4 per cent of all the capital employed in the state. Of the wage-earners, 44,978, or 45.5 per cent of all in the state were employed in Providence. These wage-earners formed 25.6 per cent of the entire population of the city and 10.5 per cent of the population of the state. In 1900 the total amount of wages paid in Providence amounted to $19,998,362, or 48.6 per cent of all wages paid in the state. The value of products, including custom work and repairing, for the city during 1900 was $88,168,897, or 47.9 per cent of the total products of the state, while the combined value of the products of Pawtucket, Providence, and Woonsocket amounted to $127,876,764, or 69.5 per cent of the total products of the state. The proportion which the totals for these cities form of the total for the entire state has decreased, showing the rapid development of manufacturing in the outlying towns. In 1890 the number of establishments located in these 3 cities formed 74.2 per cent of

the total number in the state and in 1900, 64.7 per cent, while their wage-earners formed 66.7 per cent, wages 70.3 per cent, and the value of their products 72.6 per cent of the totals for 1890, the percentages having decreased to 67.8, 68.9, and 69.5 per cent, respectively, in 1900.

In order to show the extent of the concentration of the manufactures in the cities and the present totals for the urban industries, the totals for the 24 cities and towns withdrawn from the enumerators are given in Table 5. This table also places the totals for the cities and towns in comparison with the totals for the state and the state exclusive of these cities and towns, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	PRODUCTS.			POPULATION.		
				Average number.	Total wages.			Value.	Rank.	Per cent of total.	Total.	Rank.	Per cent of total.
Total for state	4,189	$183,784,587	4,536	98,813	$41,114,084	$12,199,283	$96,392,720	$184,074,378	-------	100.0	428,556	-------	100.0
Total for urban manufactures	4,038	171,333,767	4,385	93,763	39,115,379	11,374,090	92,542,677	175,698,276	-------	95.4	408,753	-------	95.4
Bristol	72	8,919,260	79	2,009	828,366	317,873	2,028,612	3,670,251	9	2.0	6,901	12	1.6
Burrillville	64	2,922,075	64	1,865	739,988	256,248	2,574,503	4,089,160	6	2.2	6,317	13	1.5
Central Falls	134	3,389,256	138	2,092	800,852	221,472	2,119,055	3,749,783	7	2.0	18,167	6	4.2
Coventry	34	1,808,570	27	1,335	465,321	52,115	947,899	1,645,699	15	0.9	5,279	14	1.2
Cranston	38	1,884,867	36	644	326,790	440,164	691,408	1,603,464	16	0.9	13,343	7	3.1
Cumberland	27	4,488,459	29	1,688	660,997	53,425	656,578	1,969,553	12	1.1	8,925	10	2.1
East Greenwich	46	443,701	51	355	140,346	23,864	312,869	663,416	20	0.3	2,775	21	0.6
East Providence	48	2,261,080	55	901	366,729	265,293	4,341,767	5,487,101	5	3.0	12,138	8	2.8
Hopkinton	42	831,126	48	372	125,621	29,180	255,273	506,209	23	0.3	2,602	22	0.6
Johnston	13	2,026,139	13	729	230,348	88,745	1,924,454	2,619,146	11	1.4	4,305	17	1.0
Lincoln	41	6,134,320	39	2,645	990,769	105,449	1,817,256	3,743,875	8	2.0	8,937	9	2.1
Newport	290	2,495,679	340	1,749	1,012,782	357,015	1,406,811	3,442,983	10	1.9	22,034	4	5.1
North Kingstown	60	1,182,406	63	508	211,197	38,200	618,450	1,100,426	18	0.6	4,194	18	1.0
North Smithfield	8	958,082	7	718	183,742	46,938	242,830	534,224	22	0.3	2,422	23	0.6
Pawtucket	534	22,399,187	556	12,776	5,230,268	2,040,261	12,933,104	24,080,328	2	13.1	39,231	2	9.1
Providence	1,933	83,513,679	2,145	44,978	19,998,362	5,815,066	46,357,130	88,168,897	1	47.9	175,597	1	41.0
Scituate	33	1,264,223	33	600	190,739	61,956	289,342	638,146	21	0.3	3,361	19	0.8
Smithfield	16	325,933	17	203	73,519	11,564	196,939	311,723	24	0.2	2,107	24	0.5
South Kingstown	71	1,697,485	75	810	349,544	72,995	885,192	1,536,535	17	0.8	4,972	16	1.2
Tiverton	22	749,331	19	541	192,361	25,655	292,350	730,398	19	0.4	2,977	20	0.7
Warren	61	2,353,264	62	1,047	396,010	73,815	753,470	1,647,365	14	0.9	5,108	15	1.2
Warwick	104	8,418,333	110	5,544	1,858,462	330,774	2,522,789	6,197,506	4	3.4	21,316	5	5.0
Westerly	105	1,587,951	122	1,561	661,986	56,228	811,392	1,934,544	13	1.0	7,541	11	1.8
Woonsocket	242	14,279,361	257	8,093	3,080,280	589,795	7,563,204	15,627,539	3	8.5	28,204	3	6.6
Total for state exclusive of urban manufactures	151	12,450,820	151	5,050	1,998,705	825,193	3,850,043	8,376,102	-------	4.6	19,803	-------	4.6
Per cent of urban manufactures to total for state	96.4	93.2	96.7	94.9	95.1	93.2	96.0	95.4	-------	-------	95.4	-------	-------

It appears from Table 5 that practically all of the manufacturing establishments of the state are located within the corporate limits of the 24 cities and towns which were withdrawn from the enumerators and assigned to special agents. The urban manufactures constitute 96.4 per cent of the establishments in the state, 93.2 per cent of the capital, 94.9 per cent of the wage-earners, 95.1 per cent of the wages, and 95.4 per cent of the total value of products.

Of the towns, Warwick ranks first in value of products; the returns for 1900 showing a total of $6,197,506, a large percentage of this amount consisting of cotton goods.

East Providence ranks second with a production of $5,487,101, a large part of which consists of chemical products and electrical apparatus and supplies.

Burrillville with a product valued at $4,089,160, Central Falls with a product valued at $3,749,783, and Lincoln with a product valued at $3,743,875, rank next in importance in value of products. The chief industry in each of these 3 towns is the manufacture of cotton goods.

The products for the town of Bristol for 1900 amounted to $3,670,251. The town is famous for its yacht construction. The principal industries are shipbuilding and the manufacture of rubber goods.

The statistics of the 5 counties in Rhode Island are shown in Table 6. Providence county shows 3,182 establishments, or 76 per cent, with products valued at $159,317,811, or 86.6 per cent of the totals in the state. This great proportion is explained by the fact that the 3 large cities, namely, Pawtucket, Providence, and Woonsocket, are located in Providence county.

Kent county is second in importance, producing goods valued at $9,093,997 during the year ending May 31, 1900. The principal industries located in this county come under the head of textiles, and the greater part of the manufactured products are cotton goods.

The detailed statistics of the census of 1900 are presented in the 4 tables which follow.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Pawtucket, Providence, and Woonsocket, and the town of Warwick by specified industries.

Table 9 shows the totals for all industries in the cities and towns withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	4,189	$183,784,587	$13,467,509	$30,713,220	$49,418,315	$90,185,543	4,536	4,433	$5,552,189	98,813	$41,114,084
2	Bristol	140	6,357,154	211,878	1,268,420	1,896,926	2,979,930	147	96	133,623	3,097	1,243,065
3	Kent	204	11,378,680	971,053	3,143,231	3,975,742	3,288,654	212	125	201,414	7,562	2,604,630
4	Newport	361	3,315,121	491,551	594,374	903,844	1,325,352	414	91	78,322	2,353	1,237,694
5	Providence	3,182	156,489,005	11,145,587	24,665,580	41,119,717	79,558,121	3,435	3,954	5,005,825	81,949	34,461,490
6	Washington	302	6,244,627	647,440	1,041,615	1,522,086	3,033,486	328	167	133,005	3,852	1,567,205

TABLE 7.—MANUFACTURES BY

1	All industries	4,189	$183,784,587	$13,467,509	$30,713,220	$49,418,315	$90,185,543	4,536	4,433	$5,552,189	98,813	$41,114,084
2	Awnings, tents, and sails	6	45,150			9,950	35,200	7	5	3,000	52	36,959
3	Belting and hose, leather	4	195,866	37,500	19,000	40,216	99,150	4	5	3,936	37	17,454
4	Bicycle and tricycle repairing	84	121,753	4,330	5,820	39,789	71,814	100	7	2,367	104	47,525
5	Bicycles and tricycles	4	24,300	4,000	7,000	7,600	5,700	4	6	3,600	17	6,100
6	Blacksmithing and wheelwrighting	302	394,552	59,023	93,278	93,615	148,636	321	3	1,736	373	215,198
7	Bookbinding and blank book making	10	75,339			40,373	34,966	11	8	6,256	90	37,128
8	Boot and shoe findings	3	146,005	17,000	35,000	31,450	62,555	2	5	3,325	55	31,442
9	Boots and shoes, custom work and repairing.	264	110,743	9,645	9,790	36,956	54,352	273	1	676	126	56,687
10	Boots and shoes, factory product	5	57,358			6,200	51,158	4	17	14,800	9	1,888
11	Boots and shoes, rubber	6	7,379,867	141,027	1,217,428	976,125	5,045,287	1	105	124,955	3,170	1,281,705
12	Bottling	18	165,038	26,300	53,600	40,753	44,385	28	19	10,247	79	41,328
13	Boxes, fancy and paper	8	125,467	4,000	17,425	48,194	55,848	9	11	9,042	392	122,386
14	Boxes, wooden packing	9	220,813	40,500	37,560	40,311	102,442	14	5	4,309	170	74,853
15	Brass castings and brass finishing	12	178,963	18,000	32,160	29,797	99,006	12	10	11,188	104	35,571
16	Brassware	8	50,350	750	3,000	27,600	19,000	12	3	1,950	103	36,470
17	Bread and other bakery products	170	639,817	117,870	139,726	160,656	221,565	200	164	85,333	706	352,472
18	Bridges	3	35,681	3,000	1,500	21,500	9,681	4	4	3,328	67	29,568
19	Brooms and brushes	12	65,076	1,500	1,650	11,645	50,281	14	5	3,756	157	47,373
20	Buttons	3	29,116			20,500	8,616	2	4	2,464	28	8,501
21	Card cutting and designing	3	12,800			8,300	4,500	4	1	300	20	5,764
22	Carpentering	238	1,096,808	115,705	126,965	170,910	683,228	271	42	30,136	2,532	1,318,196
23	Carriage and wagon materials	3	5,065			2,865	2,200	3			4	2,448
24	Carriages and wagons	69	446,116	80,525	91,200	63,371	211,020	77	15	11,597	353	205,706
25	Cars and general shop construction and repairs by steam railroad companies.	3	120,900	11,500	41,000	50,500	17,900		17	14,490	215	133,300
26	Cheese, butter, and condensed milk, factory product.	3	7,800	400	1,850	3,350	2,200		4	1,125	9	3,427
27	Chemicals	4	340,724	18,000	42,500	31,300	248,924	3	11	12,903	100	43,204
28	Clothing, men's, custom work and repairing.	189	416,922	16,250	11,900	29,733	359,039	201	18	16,160	706	338,667
29	Clothing, women's, dressmaking	223	178,896	24,900	39,620	30,460	83,916	236	4	4,675	606	188,116
30	Coffee and spice, roasting and grinding.	4	82,424			9,824	72,600	4	8	8,832	30	20,950
31	Confectionery	73	231,179	59,550	49,025	63,748	58,856	84	34	8,428	182	78,396
32	Cordage and twine	5	95,947	3,000	15,000	39,226	38,721	7	4	2,670	84	22,175
33	Cotton goods	71	37,274,125	2,791,426	10,352,863	12,065,017	12,064,819	15	332	666,511	21,823	7,297,119
34	Cotton small wares	16	2,876,699	259,000	468,875	834,726	1,314,098	13	48	67,924	2,209	735,888
35	Dyeing and cleaning	15	13,120	1,100	2,600	6,570	2,850	16	2	576	34	13,828
36	Dyeing and finishing textiles	24	12,853,123	1,572,306	3,765,314	3,862,803	3,652,700	6	256	449,996	5,942	2,474,042
37	Electrical apparatus and supplies	13	2,652,135	125,150	288,600	414,400	1,823,985	8	50	64,524	864	328,691
38	Electrical construction and repairs	16	62,954			12,141	50,813	21	12	7,044	96	53,931
39	Electroplating	12	44,300			17,600	26,700	12	4	2,520	96	40,883
40	Enameling and enameled goods	20	107,888	2,900	6,500	18,441	80,047	28	14	12,976	388	117,268
41	Engraving and diesinking	26	40,258			24,775	15,483	29			86	43,716
42	Engraving, steel, including plate printing.	5	52,950	2,500	7,000	34,300	9,150	7	1	1,200	48	27,280
43	Files	6	1,157,678	150,510	226,295	286,736	494,137	4	51	63,355	846	371,980
44	Flavoring extracts	8	25,865	1,000	7,400	2,245	15,220	8	2	761	5	2,712
45	Flouring and grist mill products	47	532,211	33,152	112,757	94,058	292,244	52	20	14,006	80	37,678
46	Food preparations	8	22,581	2,425	2,250	6,588	11,318	9	1	500	48	21,030
47	Foundry and machine shop products	149	16,403,935	1,742,233	2,709,771	4,560,082	7,391,849	142	500	712,218	8,799	4,638,507
48	Fur goods	4	12,780			930	11,850	6	1	800	16	8,854
49	Furniture, cabinetmaking, repairing, and upholstering.	62	343,792	17,925	34,500	21,740	269,627	69	4	2,832	204	135,683
50	Furniture, factory product	3	37,750	15,000	10,000	5,050	7,700	4			28	16,394
51	Gas and lamp fixtures	5	32,900	800	5,200	7,400	19,500	8	2	1,440	35	17,988
52	Gas, illuminating and heating	6	5,664,453	716,630	580,607	3,207,171	1,160,045		45	49,850	430	249,021
53	Glass, cutting, staining, and ornamenting.	6	17,486			5,350	12,136	6	2	1,500	21	14,599
54	Gold and silver, reducing and refining, not from the ore.	10	505,957	36,200	53,800	48,850	367,107	16	22	24,050	70	43,884
55	Grease and tallow	3	21,000	8,100	6,000	4,500	2,400	4			5	2,449
56	Hairwork	6	5,585			360	5,225	7	1	1,150	6	2,777

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
64,508	$31,295,442	29,269	$8,909,010	5,036	$909,632	$12,199,283	$1,621,927	$752,305	$8,442,226	$1,382,825	$96,392,661	$93,845,840	$2,546,821	$184,074,378	1
1,770	821,262	1,195	396,194	132	25,609	399,549	9,523	18,241	363,435	8,350	2,809,507	2,735,999	73,508	5,408,138	2
4,486	1,821,335	2,368	651,403	708	131,892	431,672	13,951	43,253	366,291	8,177	4,025,413	3,781,672	243,741	9,093,997	3
1,928	1,119,749	364	110,170	61	7,775	386,277	52,485	15,116	86,378	232,298	1,778,041	1,727,609	50,432	4,332,471	4
53,538	26,261,678	24,414	7,479,958	3,997	719,854	10,704,710	1,517,116	653,958	7,442,282	1,091,354	84,769,776	82,670,282	2,099,494	159,317,811	5
2,786	1,271,418	928	271,285	138	24,502	277,075	28,852	21,737	183,840	42,646	3,009,924	2,930,278	79,646	5,921,961	6

SPECIFIED INDUSTRIES: 1900.

64,508	$31,295,442	29,269	$8,909,010	5,036	$909,632	$12,199,283	$1,621,927	$752,305	$8,442,226	$1,382,825	$96,392,661	$93,845,840	$2,546,821	$184,074,378	1
34	30,260	18	6,699	------	------	2,807	1,934	------	873	------	92,538	92,095	443	173,275	2
37	17,454	------	------	------	------	6,222	660	488	5,074	------	153,430	152,285	1,145	223,380	3
98	46,401	------	------	6	1,124	17,790	14,264	351	3,175	------	98,584	95,832	2,752	227,317	4
17	6,100	------	------	------	------	1,309	496	80	733	------	23,195	22,750	445	43,382	5
372	215,098	------	------	1	100	34,007	27,565	1,921	4,010	511	227,058	214,312	12,746	742,858	6
45	24,489	43	12,149	2	490	14,585	4,879	374	9,332	------	21,807	20,710	1,097	91,742	7
37	26,756	12	4,086	6	600	1,618	450	516	652	------	37,339	34,347	2,992	93,720	8
121	55,732	5	955	------	------	29,073	26,221	227	2,376	249	120,666	117,435	3,231	343,577	9
4	1,040	4	728	1	120	27,480	317	145	5,867	21,151	179,986	178,876	1,110	241,278	10
1,726	809,414	1,360	460,491	84	11,800	443,853	------	8,888	434,965	------	3,794,027	3,731,730	62,297	8,034,417	11
75	39,948	------	------	4	1,375	14,348	3,854	1,976	8,518	------	226,806	225,183	1,623	356,393	12
81	38,090	303	82,696	8	1,600	7,658	4,625	278	2,755	------	107,261	103,856	3,405	278,824	13
169	74,169	1	684	------	------	11,844	5,412	1,253	5,179	------	224,346	221,546	2,800	360,856	14
103	35,363	------	------	1	208	10,632	6,092	1,388	3,152	------	163,320	158,472	5,348	289,307	15
94	34,400	6	1,560	3	510	4,572	2,144	115	1,813	200	46,703	45,132	1,571	141,650	16
626	331,044	56	17,600	24	3,828	84,017	40,389	3,352	40,156	120	1,235,881	1,201,703	34,178	2,156,292	17
67	29,568	------	------	------	------	1,050	88	121	841	------	44,664	43,462	1,202	79,530	18
66	22,696	90	24,527	1	150	4,109	2,589	53	1,467	------	66,976	63,325	3,651	165,350	19
19	5,730	9	2,771	------	------	4,393	1,400	------	2,993	------	9,040	8,680	360	33,589	20
7	2,910	7	1,654	6	1,200	1,408	850	12	232	314	7,622	7,352	270	20,782	21
2,531	1,318,040	------	------	1	156	388,034	21,017	3,456	31,594	331,967	2,545,457	2,536,891	8,566	5,031,615	22
4	2,448	------	------	------	------	1,180	1,084	------	96	------	3,050	2,660	390	8,400	23
353	205,706	------	------	------	------	31,146	12,395	1,936	11,815	5,000	215,313	205,889	9,424	631,711	24
215	133,300	------	------	------	------	1,770	------	1,770	------	------	48,596	46,021	2,575	203,326	25
9	3,427	------	------	------	------	628	315	30	283	------	28,938	28,631	307	39,569	26
85	40,804	15	2,400	------	------	35,995	4,125	2,866	29,004	------	117,828	109,447	8,381	292,794	27
458	268,974	240	68,285	8	1,408	79,590	52,499	1,210	20,522	5,359	407,983	402,567	5,416	1,097,790	28
37	19,609	567	168,147	2	360	33,596	26,811	1,049	5,611	125	168,559	165,958	2,601	542,944	29
26	20,050	4	900	------	------	12,545	3,785	------	8,760	------	139,140	137,335	1,805	227,541	30
140	66,640	38	11,134	4	622	27,646	19,514	1,177	6,695	260	255,523	249,960	5,563	488,397	31
38	11,694	46	10,481	------	------	8,052	2,150	246	4,089	1,567	63,954	62,497	1,457	108,715	32
10,330	4,062,540	9,240	2,813,883	2,253	420,696	1,580,859	464,454	240,778	763,537	112,090	10,601,006	10,080,356	520,650	24,056,175	33
650	351,686	1,379	353,637	180	30,565	155,731	6,612	14,818	123,697	10,604	1,096,455	1,048,159	48,296	2,379,500	34
17	8,240	16	5,288	1	300	5,349	3,133	80	2,136	------	5,077	3,596	1,481	39,425	35
4,644	2,118,454	1,039	309,949	259	45,639	1,138,065	4,805	49,140	1,080,120	4,000	3,087,781	2,573,924	513,857	8,484,878	36
585	254,318	278	74,373	------	------	257,774	7,509	3,535	246,330	400	4,134,380	4,110,737	24,243	5,113,292	37
95	53,331	1	600	------	------	16,722	5,109	15	6,598	5,000	96,693	95,741	952	230,167	38
77	36,843	5	1,618	14	2,422	5,474	4,389	135	950	------	56,278	54,123	2,155	151,480	39
187	58,739	167	51,732	34	6,797	13,343	4,684	228	8,431	------	63,225	58,180	5,045	264,505	40
74	40,754	8	2,012	4	950	5,534	4,351	75	1,108	------	7,445	5,803	1,642	91,859	41
29	20,800	19	6,480	------	------	2,627	1,990	144	493	------	2,470	2,145	325	47,718	42
748	340,411	98	31,569	------	------	65,444	188	5,661	59,595	------	358,993	330,066	28,927	1,033,838	43
3	1,712	2	1,000	------	------	1,484	577	33	799	75	14,543	14,448	95	28,010	44
80	37,678	------	------	------	------	22,292	5,197	2,037	8,738	6,320	1,628,852	1,619,822	9,030	1,895,921	45
25	15,168	23	5,862	------	------	2,735	1,155	143	1,437	------	93,312	92,566	746	132,400	46
8,618	4,580,221	131	48,828	50	9,458	933,616	70,932	82,588	735,229	44,867	5,417,891	5,209,364	208,527	13,269,086	47
6	3,300	9	5,450	1	104	6,003	2,182	163	1,158	2,500	8,922	8,774	148	24,580	48
184	127,384	20	8,299	------	------	15,169	11,644	602	2,523	400	118,782	116,979	1,803	357,561	49
27	16,194	1	200	------	------	3,378	2,100	248	1,030	------	10,150	9,500	650	32,325	50
29	16,350	3	1,170	3	468	7,142	2,870	137	1,135	3,000	25,241	24,113	1,128	67,000	51
430	249,021	------	------	------	------	212,872	------	51,450	161,422	------	244,124	243,094	1,030	969,248	52
21	14,599	------	------	------	------	2,598	1,653	35	910	------	11,729	11,128	601	44,563	53
70	43,884	------	------	------	------	26,625	4,650	2,552	19,423	------	3,138,355	3,130,004	8,351	3,484,454	54
5	2,449	------	------	------	------	1,685	400	226	1,059	------	38,685	38,260	425	51,053	55
1	780	5	1,997	------	------	2,058	1,788	------	270	------	8,350	8,275	75	14,873	56

TABLE 7.—MANUFACTURES BY

	Manufacturing and mechanical industries.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
57	Hand knit goods	3	$2,000			$250	$1,750	3	1	$800	2	$1,150
58	Hand stamps	3	9,900			6,700	3,200	3			8	4,008
59	Hardware	5	167,737			26,300	141,437	4	8	3,568	44	17,040
60	Hats and caps, not including fur hats and wool hats.	5	12,125			2,575	9,550	5	7	5,820	35	15,430
61	Hosiery and knit goods	15	2,452,044	$145,850	$304,891	598,808	1,402,495	10	65	87,223	1,594	469,193
62	Iron and steel, nails and spikes, cut and wrought, including wire nails.	3	260,568			27,107	233,461	2	8	4,658	35	12,217
63	Ivory and bone work	3	34,000	1,250	7,000	12,750	13,000	3	8	3,171	81	31,697
64	Jewelry	214	8,899,702	32,900	93,291	1,616,732	7,156,779	299	606	588,068	7,162	3,170,932
65	Labels and tags	3	30,400			19,500	10,900	2	2	1,350	22	9,470
66	Leather, tanned, curried, and finished	5	157,900	21,700	13,000	19,900	103,300	6	6	7,930	69	32,092
67	Lime and cement	3	26,150	8,000	4,000	2,500	11,650	3	1	360	40	16,230
68	Liquors, malt	6	3,338,276	143,711	1,002,754	1,170,167	1,021,644	1	53	89,674	296	223,712
69	Lock and gun smithing	21	21,110	3,700	1,900	8,415	7,095	24			15	7,838
70	Looking-glass and picture frames	17	44,292	3,500	1,000	4,350	35,442	18	2	1,500	28	13,046
71	Lumber and timber products	35	216,670	50,995	8,185	49,455	108,035	38	3	725	123	43,280
72	Lumber, planing mill products, including sash, doors, and blinds.	19	611,300	54,000	76,900	99,950	380,450	25	22	23,240	282	136,102
73	Marble and stone work	19	436,920	89,375	51,730	176,640	119,175	21	19	19,013	700	357,111
74	Masonry, brick and stone	84	913,911	115,350	92,225	199,858	506,478	101	67	52,580	2,343	992,566
75	Mattresses and spring beds	5	41,975	2,000	5,000	6,545	28,430	6	5	2,888	46	18,411
76	Millinery, custom work	148	338,041	10,000	16,950	13,517	297,574	162	42	13,304	420	140,366
77	Mineral and soda waters	31	167,090	11,100	17,380	86,494	52,116	41	15	8,932	101	51,627
78	Models and patterns	9	19,404	500	1,500	8,491	8,913	9			33	20,176
79	Monuments and tombstones	38	364,320	112,550	29,620	31,595	190,555	54	7	4,850	205	128,407
80	Mucilage and paste	3	23,034			1,300	21,734	4	5	2,360	7	3,975
81	Oil, not elsewhere specified	6	128,286	20,000	25,000	15,038	68,248	7	23	23,081	98	47,856
82	Oleomargarine	3	702,299	31,494	100,000	77,949	492,856		25	31,626	127	52,796
83	Optical goods	8	117,701	2,000	2,500	36,472	76,729	7	18	16,752	120	56,907
84	Painting, house, sign, etc	214	392,382	30,130	28,985	61,081	272,186	246	17	7,824	1,084	588,689
85	Paints	4	104,781	5,000	21,800	16,700	61,281	4	13	16,164	18	9,998
86	Paper goods, not elsewhere specified	6	130,711	3,000	7,000	70,754	49,957	10	1	1,340	66	28,866
87	Paper hanging	10	12,600			1,600	11,000	10	1	720	26	14,605
88	Patent medicines and compounds	22	142,719	17,025	23,277	12,536	89,881	25	8	10,549	57	24,310
89	Paving and paving materials	17	167,445	14,686	24,650	47,216	80,893	21	11	9,334	221	84,210
90	Perfumery and cosmetics	4	12,305	2,000	3,880	665	5,760	4	1	2,500	5	1,910
91	Photography	47	114,039	6,100	9,075	51,304	47,560	53	7	5,226	86	41,758
92	Photolithographing and photoengraving.	3	6,800			3,800	3,000	3			13	7,150
93	Pickles, preserves, and sauces	3	62,010	1,060	19,600	12,452	28,898	4	9	7,400	40	19,020
94	Plastering and stuccowork	6	3,515			675	2,840	8			28	13,979
95	Plumbers' supplies	3	44,246	400	1,800	15,018	27,028	4	2	2,400	36	17,933
96	Plumbing, and gas and steam fitting	144	879,463	57,960	42,775	90,061	688,667	174	74	47,588	764	416,152
97	Printing and publishing, book and job	72	699,677	8,450	20,800	380,826	289,601	80	71	70,659	621	280,418
98	Printing and publishing, newspapers and periodicals.	32	930,593	191,200	89,984	429,993	219,416	30	44	51,969	488	318,219
99	Roofing and roofing materials	15	110,268	10,050	10,025	15,233	74,960	18	10	8,535	147	64,507
100	Rubber and elastic goods	9	1,631,869	42,500	160,858	275,843	1,152,668	1	63	88,732	1,039	359,244
101	Saddlery and harness	69	156,887	2,725	7,950	20,660	125,552	71	18	12,597	88	50,263
102	Sausage	7	51,550	1,700	3,100	18,500	28,250	11	11	7,966	32	20,468
103	Ship and boat building, wooden	20	540,847	50,850	98,917	164,567	226,513	19	8	20,440	299	210,009
104	Shirts	4	7,900			1,850	6,050	7	3	2,000	22	7,800
105	Shoddy	9	228,930	6,500	21,700	114,605	86,125	16	3	3,400	131	56,397
106	Silk and silk goods	6	680,252	24,955	96,224	165,032	394,041	8	8	12,320	455	166,675
107	Silversmithing	4	371,570			131,929	239,641	4	26	24,444	275	121,444
108	Silverware	8	5,127,714	125,000	410,000	1,157,116	3,435,598	7	126	146,489	1,540	978,198
109	Slaughtering and meat packing, wholesale.	6	727,850	9,800	17,400	25,700	674,950	9	16	17,636	199	102,424
110	Soap and candles	10	397,658	53,400	44,200	22,886	277,172	11	61	84,764	166	63,299
111	Stencils and brands	3	5,325			3,600	1,725	3			8	3,730
112	Tinsmithing, coppersmithing, and sheet-iron working.	69	407,040	44,050	44,350	63,958	254,682	79	30	18,610	335	184,375
113	Tobacco, cigars and cigarettes	34	121,321	13,500	19,700	11,745	76,376	35	14	11,700	159	65,515
114	Tools, not elsewhere specified	7	43,650	500	2,500	19,500	21,150	9	3	1,410	44	21,040
115	Trunks and valises	3	6,350			1,000	5,350	4	1	208	11	6,035
116	Upholstering materials	4	761,930	35,000	121,100	194,282	411,548	2	16	17,469	200	79,818
117	Vinegar and cider	5	6,312	625	2,370	2,790	527	5			1	458
118	Watch, clock, and jewelry repairing	94	100,540	1,500	5,450	34,320	59,270	101	8	2,377	84	52,501
119	Window shades	4	6,550			750	5,800	5	1	750	9	5,350
120	Wirework, including wire rope and cable.	9	62,248	2,525	4,063	22,560	33,100	8	10	5,366	62	25,277
121	Wood, turned and carved	15	427,048	67,500	90,500	127,515	141,533	14	11	13,598	374	136,628
122	Woolen goods	26	6,068,073	636,200	925,412	1,240,042	3,266,419	24	79	143,538	2,710	1,104,054
123	Worsted goods	51	34,949,769	2,174,879	3,799,161	7,098,313	21,877,416	38	322	593,869	14,896	5,537,169
124	All other industries[1]	108	13,686,335	674,132	1,946,459	5,241,330	5,824,414	96	392	533,478	5,079	2,213,400

[1] Embraces artificial limbs, 1; baking and yeast powders, 1; baskets, and rattan and willow ware, 1; billiard tables and materials, 1; blacking, 1; boot and shoe cut stock, 1; boot and shoe uppers, 1; brick and tile, 1; cardboard, 2; carpets, rag, 1; china decorating, 1; cleansing and polishing preparations, 2; clothing, horse, 1; clothing, men's, factory product, 2; clothing, women's, factory product, 2; coffins, burial cases, and undertakers' goods, 1; combs, 1; cooperage, 1; cordials and sirups, 1; cork, cutting, 1; corsets, 1; cutlery and edge tools, 2; druggists' preparations, not including prescriptions, 2; dye stuffs and extracts, 2; emery wheels, 1; engraving, wood, 2; envelopes, 1; fancy articles, not elsewhere specified, 2; felt goods, 1; fertilizers, 1; fruits and vegetables, canning and preserving, 1; fur hats, 2; furnishing goods, men's, 2; gas machines and meters, 2; gloves and mittens, 1; gold and silver, leaf and foil, 2; hardware, saddlery, 2; house furnishing goods, not elsewhere specified, 2; ice, manufactured, 2; instruments, professional and scientific, 1; iron and steel, 1; iron and steel, bolts, nuts,

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
1	$650	1	$500			$2,868	$368		$300	$2,200	$4,148	$4,148		$10,975	57
7	3,696	1	312			942	878		64		3,978	3,918	$60	12,426	58
41	16,140	3	900			2,401	1,326	$8	1,067		69,650	69,245	405	109,156	59
18	10,120	16	5,160	1	$150	1,828	1,394	82	352		28,240	28,051	189	58,770	60
435	183,293	1,015	256,743	144	29,157	90,900	6,157	5,779	75,329	3,635	1,766,831	1,741,116	25,715	2,713,850	61
26	10,495	2	520	7	1,202	5,644	1,600	99	3,945		12,926	12,101	825	25,960	62
42	22,233	39	9,464			1,513	384	116	1,013		39,341	38,512	829	74,718	63
4,289	2,340,195	2,720	796,997	153	33,740	668,245	139,526	10,930	442,994	74,795	6,206,699	6,140,461	66,238	13,320,620	64
20	8,958	1	312	1	200	3,556	1,836		1,720		15,040	14,780	260	42,775	65
67	31,572	2	520			5,832	1,268	444	2,590	1,530	207,317	205,557	1,760	292,939	66
40	16,230					9,752	1,120	132	8,500		17,139	8,439	8,700	48,089	67
296	223,712					859,619		14,907	844,712		453,406	404,294	49,112	1,880,171	68
13	6,895	1	468	1	475	6,265	5,151	189	834	91	7,283	6,542	741	35,004	69
26	12,590	2	456			10,590	8,799	358	1,033	400	31,407	31,074	333	73,662	70
122	43,162			1	118	5,883	315	860	3,518	1,190	124,973	124,793	180	233,579	71
282	136,102					25,503	10,176	8,376	6,951		325,613	321,185	4,428	664,018	72
700	357,111					48,489	3,272	2,426	42,491	300	152,039	139,013	13,026	761,318	73
2,342	992,466			1	100	139,293	3,998	2,183	32,692	100,420	1,867,991	1,860,286	7,705	3,383,123	74
38	16,218	8	2,193			4,919	3,321	101	1,497		57,371	56,756	615	105,840	75
		413	139,824	7	542	81,497	68,522	1,422	11,553		423,163	419,640	3,523	889,704	76
101	51,627					20,436	5,154	396	14,886		72,747	70,644	2,103	213,129	77
33	20,176					2,370	1,731	41	598		8,797	7,338	1,459	45,666	78
205	128,407					12,272	2,012	2,098	7,212	6,950	126,354	121,916	4,438	371,894	79
7	3,975					3,950	1,710		2,240		34,302	33,182	1,120	50,940	80
98	47,856					18,616	3,880	750	13,986		183,118	181,973	1,145	353,485	81
111	47,856	16	4,940			121,912	1,000	1,460	119,452		912,912	906,610	6,302	1,345,133	82
84	46,831	34	9,034	2	442	12,595	4,953	80	7,562		86,721	85,640	1,081	223,399	83
1,080	587,365	1	312	3	1,012	38,566	26,170	622	11,574	200	333,338	331,455	1,883	1,258,462	84
17	9,890	1	108			5,688	1,259	313	4,116		106,376	104,493	1,883	166,818	85
36	21,680	28	6,586	2	600	5,906	4,040	197	1,669		198,251	194,591	3,660	309,670	86
26	14,605					2,232	1,851		381		18,123	17,935	188	51,929	87
31	16,676	26	7,634			25,418	6,008	1,164	18,096	150	98,382	97,103	1,279	248,454	88
221	84,210					17,264	197	585	16,482		89,365	85,592	3,773	238,723	89
2	1,186	3	724			4,506	108	97	4,301		8,093	8,045	48	24,148	90
49	27,943	36	13,711	1	104	21,102	16,171	140	4,741	50	53,769	52,505	1,264	179,629	91
11	6,800			2	350	1,400	670		730		2,751	2,555	196	21,000	92
37	18,320	3	700			2,325	408	271	1,646		115,107	113,979	1,128	149,219	93
27	13,829			1	150	1,008	956	7	45		3,232	3,155	77	21,650	94
36	17,933					7,719	1,700	61	5,958		21,182	20,862	320	60,536	95
757	414,675			7	1,477	67,425	34,408	1,709	25,008	6,300	812,901	805,420	7,481	1,677,503	96
444	237,104	152	39,257	25	4,057	64,763	23,909	1,228	29,810	9,816	362,039	350,926	11,113	967,517	97
442	301,929	39	15,245	7	1,045	122,974	15,772	5,348	91,362	10,492	166,091	155,177	10,914	940,806	98
147	64,507					6,849	1,220	292	5,137	200	109,144	107,864	1,280	230,393	99
480	193,469	550	164,034	9	1,741	200,011	16,300	3,710	180,001		1,659,676	1,637,271	22,405	2,518,268	100
88	50,263					17,164	12,889	176	3,949	150	98,003	96,093	1,910	240,632	101
32	20,468					4,072	2,954	237	881		130,039	128,095	1,944	185,053	102
299	210,009					7,821	2,226	1,421	3,874	300	229,496	224,736	4,760	555,827	103
1	520	21	7,280			1,345	910		435		13,312	13,102	210	35,630	104
127	55,096	4	1,301			23,828	11,290	824	11,714		399,126	386,399	12,727	515,643	105
124	82,240	326	83,664	5	771	103,454	13,925	3,013	7,916	78,600	818,561	812,385	6,176	1,311,333	106
214	110,159	54	10,504	7	781	25,006	6,020	517	18,469		193,557	192,123	1,434	414,782	107
1,438	955,721	92	20,931	10	1,546	105,514	6,240	7,915	91,359		1,687,883	1,667,394	20,489	3,834,408	108
196	101,588			3	836	43,794	10,373	802	32,619		2,164,400	2,155,775	8,625	2,410,466	109
136	54,549	5	2,500	25	6,250	129,442	1,900	2,209	125,333		550,126	543,247	6,879	937,781	110
6	3,424			2	306	1,744	1,250		254	240	1,866	1,750	116	11,000	111
335	184,375					28,761	15,174	1,099	9,885	2,603	249,728	245,160	4,568	632,367	112
97	47,463	62	18,052			37,466	3,658	642	33,166		92,054	91,117	937	292,872	113
43	20,790			1	250	2,973	1,415	116	1,442		6,651	5,591	1,060	52,551	114
11	6,035					3,126	2,749	56	321		12,057	11,976	81	27,075	115
90	46,750	110	33,068			37,387	1,680	3,621	26,797	5,289	315,893	308,413	7,480	517,055	116
1	458					264	10	19	235		2,693	2,653	40	8,499	117
80	51,625	4	876			28,055	22,653	218	4,984	200	41,243	39,377	1,866	209,976	118
7	4,650	2	700			1,753	1,278		475		8,653	8,637	16	22,774	119
51	22,545	1	728	10	2,004	4,358	1,700	176	1,982	500	55,273	53,560	1,713	107,795	120
347	132,248	7	1,820	20	2,560	10,158	1,792	1,456	6,910		181,019	179,072	1,947	380,114	121
1,814	807,288	799	277,232	97	19,534	287,695	28,104	17,010	212,476	30,105	3,386,993	3,306,931	80,062	5,330,550	122
7,170	3,200,452	6,342	2,104,585	1,384	232,132	1,833,985	104,610	92,150	1,335,015	302,210	21,490,592	21,134,817	355,775	33,341,329	123
3,884	1,923,829	1,059	266,621	136	22,950	863,736	35,533	59,546	580,827	187,830	5,725,688	5,540,199	185,489	11,259,566	124

washers, and rivets, 2; iron and steel, forgings, 1; ironwork, architectural and ornamental, 2; jewelry and instrument cases, 1; kindling wood, 1; lapidary work, 2; lead, bar, pipe, and sheet, 2; leather goods, 1; lithographing and engraving, 2; millinery and lace goods, 2; musical instruments and materials, not specified, 1; musical instruments, organs and materials, 2; oil, cottonseed and cake, 1; pens, fountain and stylographic, 1; pens, gold, 1; photographic apparatus, 1; photographic materials, 1; plated and britannia ware, 1; regalia and society banners and emblems, 1; safes and vaults, 1; scales and balances, 1; screws, wood, 1; sewing machine repairing, 1; sewing machines and attachments, 2; shipbuilding, iron and steel, 1; slaughtering, wholesale, not including meat packing, 1; smelting and refining, not from the ore, 1; sporting goods, 1; stamped ware, 1; steam fittings and heating apparatus, 2; stereotyping and electrotyping, 2; sugar and molasses, refining, 1; surgical appliances, 1; taxidermy, 2; toys and games, 1; typewriter repairing, 2; varnish, 1; washing machines and clothes wringers, 2.

TABLE 8.—MANUFACTURES IN CITIES

PAWTUCKET.

	Manufacturing and mechanical industries.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
1	All industries	534	$22,399,187	$2,051,770	$3,725,920	$5,983,459	$10,638,038	556	552	$781,628	12,776	$5,230,268
2	Bicycle and tricycle repairing	7	12,534			2,996	9,538	9	1	400	8	4,800
3	Blacksmithing and wheelwrighting	26	48,570	9,325	18,150	8,270	12,825	29			34	20,747
4	Boots and shoes, custom work and repairing.	37	10,133		100	4,029	6,004	39			14	6,250
5	Bread and other bakery products	19	70,150	7,700	16,100	20,075	26,275	24	21	14,100	107	50,123
6	Brooms and brushes	8	48,876	1,500	1,650	8,445	37,281	8	5	3,756	118	36,123
7	Carpentering	34	231,555	21,900	12,660	34,315	162,680	36	9	10,128	654	254,629
8	Carriages and wagons	4	36,550	6,000	13,000	3,250	14,300	4			24	12,395
9	Clothing, men's, custom work and repairing.	20	16,196			3,365	12,831	22			46	24,947
10	Clothing, women's, dressmaking	70	24,365	8,900	1,600	6,920	11,945	74			120	39,501
11	Confectionery	13	23,531	300	500	9,745	12,986	17	1	250	38	14,561
12	Cotton goods	10	4,796,637	368,145	896,333	1,498,102	2,034,057	1	92	195,364	3,854	1,407,459
13	Cotton small wares	5	703,014	32,500	110,000	280,074	280,440	4	18	18,648	603	193,268
14	Dyeing and finishing textiles	8	2,394,977	284,060	634,143	822,981	653,793	2	72	109,820	1,309	536,488
15	Electrical apparatus and supplies	3	483,868	15,000	38,600	39,320	390,948		14	16,736	79	35,153
16	Food preparations	3	1,475	125	150	1,100	100	3			7	2,380
17	Foundry and machine shop products	23	1,627,380	140,100	300,049	390,633	796,598	23	45	66,514	1,013	560,861
18	Furniture, cabinetmaking, repairing, and upholstering.	6	7,185			1,475	5,710	7			17	7,982
19	Hosiery and knit goods	4	363,833			67,946	295,887	4	14	16,250	297	77,226
20	Jewelry	6	312,556	3,300	22,144	118,000	169,112	12	11	10,071	182	79,485
21	Lock and gun smithing	4	1,850	200	200	500	950	4			3	1,325
22	Masonry, brick and stone	14	81,602	6,000	2,300	6,218	17,084	14	3	3,000	138	79,847
23	Millinery, custom work	15	44,444			2,160	42,284	17	5	1,100	60	18,629
24	Mineral and soda waters	6	19,130	600	1,880	10,700	5,950	5	2	1,248	21	11,993
25	Models and patterns	4	12,200	500	1,500	5,600	4,600	4			18	10,600
26	Monuments and tombstones	3	10,650	2,000	1,000	1,650	6,000	4			6	5,294
27	Painting, house, sign, etc	37	48,865	600	750	10,340	37,175	41			127	81,699
28	Patent medicines and compounds	3	15,841	600	2,202	2,956	10,083	4	3	6,509	4	2,260
29	Paving and paving materials	3	11,625	1,200	1,000	5,400	4,025	4			21	8,465
30	Photography	5	13,150		175	8,750	4,225	6	1	250	9	4,620
31	Plumbing and gas and steam fitting	18	148,874	5,900	3,150	8,825	130,999	18	18	15,036	103	63,765
32	Printing and publishing, book and job	8	151,100	5,000	15,000	61,400	69,700	7	18	13,500	89	35,354
33	Printing and publishing, newspapers and periodicals.	3	128,090			94,636	33,454	6	5	2,688	62	35,332
34	Roofing and roofing materials	3	25,600	1,500	2,000	4,900	17,200	4			50	17,880
35	Saddlery and harness	5	11,940	2,000	4,000	465	5,475	6			6	3,740
36	Tinsmithing, coppersmithing, and sheet-iron working.	4	10,250			2,950	7,300	5			19	11,576
37	Tobacco, cigars and cigarettes	12	35,156	3,500	3,200	1,700	26,756	12	4	2,550	33	20,650
38	Watch, clock, and jewelry repairing	11	8,625			4,525	4,100	11	1	312	8	5,990
39	Worsted goods	3	5,119,595	617,000	787,872	1,241,722	2,473,001	1	63	103,848	1,998	733,600
40	All other industries[1]	67	5,337,215	511,315	834,512	1,187,021	2,804,367	65	126	169,550	1,467	713,271

[1] Embraces belting and hose, leather, 1; blacking, 1; bookbinding and blank book making, 2; boot and shoe cut stock, 1; boot and shoe findings, 1; bottling, 1; boxes, wooden packing, 1; brass castings and brass finishing, 2; cardboard, 2; carpets, rag, 1; chemicals, 1; clothing, women's, factory product, 1; coffee and spice, roasting and grinding, 1; cooperage, 1; cordage and twine, 1; dyeing and cleaning, 2; electrical construction and repairs, 2; fertilizers, 1; flavoring extracts, 2; flouring and grist mill products, 1; gas and lamp fixtures, 1; gas, illuminating and heating, 1; grease and tallow, 1; hats and caps, not including fur hats and wool hats, 1; iron and steel, bolts, nuts, washers, and rivets, 2; iron and steel, nails and spikes, cut and wrought, including wire nails, 2; leather, tanned, curried, and finished, 2;

PROVIDENCE.

1	All industries	1,933	$83,513,679	$5,576,066	$9,284,019	$21,664,478	$46,989,116	2,145	2,766	$3,239,419	44,978	$19,998,362
2	Awnings, tents, and sails	4	39,300			9,300	30,000	5	5	3,000	44	30,159
3	Bicycle and tricycle repairing	35	49,302	600	850	21,198	26,654	39	2	870	58	27,600
4	Bicycles and tricycles	4	24,300	4,000	7,000	7,600	5,700	4	6	3,600	17	6,100
5	Blacksmithing and wheelwrighting	82	89,921	13,000	16,365	29,740	30,816	89	1	600	142	85,741
6	Bookbinding and blank book making	6	68,282			35,023	33,259	5	8	6,256	80	32,655
7	Boots and shoes, custom work and repairing.	104	35,091	800	850	14,801	18,640	107	1	676	74	33,154
8	Bottling	9	90,863	15,300	25,600	23,153	26,810	15	17	9,247	52	26,352
9	Boxes, fancy and paper	5	105,167	2,000	14,425	39,694	49,048	6	10	7,842	350	105,136
10	Boxes, wooden packing	5	104,269		11,000	26,725	66,544	11	1	600	114	51,662
11	Brass castings and brass finishing	7	143,063	12,000	26,960	21,997	82,106	6	9	9,988	79	22,303
12	Brassware	8	50,350	750	3,000	27,600	19,000	12	3	1,950	103	36,470
13	Bread and other bakery products	78	292,369	65,500	47,726	85,941	93,202	93	107	59,363	354	175,477
14	Bridges	3	35,681	3,000	1,500	21,500	9,681	4	4	3,328	67	29,568
15	Brooms and brushes	8	13,200			1,700	11,500	4			38	10,850
16	Buttons	3	29,116			20,500	8,616	2	4	2,464	28	8,501
17	Card cutting and designing	3	12,800			8,300	4,500	4	1	300	20	5,764
18	Carpentering	91	345,183	23,560	37,680	71,415	212,528	101	18	10,512	997	569,018
19	Carriage and wagon materials	3	5,065			2,865	2,200	8			4	2,448
20	Carriages and wagons	23	150,278	34,750	32,500	17,751	65,277	26	10	7,885	149	95,773
21	Clothing, men's, custom work and repairing.	106	299,774	3,100	4,400	17,108	275,166	112	18	16,160	521	255,937

BY SPECIFIED INDUSTRIES: 1900.

PAWTUCKET.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
7,464	$3,687,395	4,343	$1,374,723	969	$168,150	$2,040,261	$585,764	$146,245	$960,148	$348,104	$12,933,104	$12,545,761	$387,343	$24,080,328	1
3	4,800					1,457	1,296		161		10,030	9,839	191	20,269	2
34	20,747					3,308	2,703	277	328		24,099	22,752	1,347	70,840	3
14	6,250					3,813	3,669		144		13,796	13,421	375	41,706	4
76	42,991	10	3,812	21	3,320	6,464	3,612	419	2,433		145,530	142,128	3,402	264,344	5
53	18,556	65	17,567			2,738	1,733	50	955		51,733	48,678	3,055	128,390	6
653	254,473			1	156	84,105	4,649	556	8,389	70,511	589,969	588,314	1,655	1,044,427	7
24	12,395					971	472	288	211		13,342	12,942	400	30,025	8
23	16,964	23	7,983			3,534	3,054	60	420		20,871	20,455	416	67,666	9
5	2,970	115	36,531			5,528	4,967	92	469		24,045	23,650	395	104,930	10
30	12,411	8	2,150			4,557	4,086	26	445		48,990	48,114	876	92,179	11
1,455	657,610	1,933	665,335	466	84,514	732,047	451,950	70,295	209,802		2,326,041	2,187,859	138,182	4,935,309	12
163	70,100	332	101,868	108	21,300	26,276	3,800	2,012	11,391	9,073	372,750	366,585	6,165	700,146	13
951	449,836	239	68,353	119	18,299	101,189	4,325	13,826	83,038		640,581	543,677	96,904	1,600,916	14
49	26,080	30	9,073			26,125	1,600	1,448	23,077		626,845	623,029	3,816	746,928	15
5	1,768	2	612			646	85	10	551		5,869	5,637	232	12,700	16
1,012	560,588	1	273			76,515	12,078	9,823	54,614		855,405	833,555	21,850	1,833,379	17
13	6,507	4	1,475			1,358	1,216		142		10,890	10,754	136	27,125	18
23	9,773	222	58,828	52	8,625	18,277	3,295	355	14,627		520,961	518,169	2,792	686,328	19
126	67,760	54	11,475	2	250	4,507	2,295	812	1,400		338,259	334,354	3,905	597,981	20
2	850			1	475	593	586	7			774	733	41	5,500	21
138	79,847					2,039	205	109	925	800	96,741	96,608	133	207,300	22
		55	18,217	5	412	12,853	9,726		3,127		52,929	52,280	649	112,154	23
21	11,993					2,501	958	41	1,502		13,024	12,756	268	39,900	24
18	10,600					1,169	666	33	470		6,818	5,790	1,028	24,911	25
6	5,294					1,810	150	30	1,630		29,972	29,950	22	47,500	26
125	81,075	1	312	1	312	5,686	4,358	26	1,302		46,593	46,330	263	175,789	27
4	2,260					879	200	46	633		24,151	23,992	159	51,345	28
21	8,465					178		22	156		11,663	11,263	400	23,800	29
8	4,370	1	250			1,965	1,886		79		12,779	12,719	60	23,375	30
108	63,765					8,660	4,438	138	4,084		141,244	140,025	1,219	288,221	31
52	26,954	32	7,600	5	800	7,303	1,270	810	5,223		74,810	73,511	1,299	154,550	32
59	33,318	3	2,014			8,766	2,241	262	6,263		26,381	24,088	2,293	124,750	33
50	17,880					1,108	75	58	975		31,670	30,870	800	55,000	34
6	3,740					571	452	68	51		6,937	6,725	212	15,000	35
19	11,576					990	900	3	87		9,273	9,049	224	29,100	36
30	17,500	8	3,150			9,069	784	138	8,147		23,250	23,076	174	68,471	37
8	5,990					3,271	2,435	4	832		3,396	3,300	96	20,521	38
828	403,675	1,006	304,040	164	25,885	540,409	20,000	18,549	249,489	252,371	1,803,110	1,772,121	30,989	3,733,219	39
1,244	655,664	199	53,805	24	3,802	327,026	23,549	25,552	262,576	15,349	3,877,583	3,816,663	60,920	5,874,334	40

liquors, malt, 1; lithographing and engraving, 1; looking-glass and picture frames, 2; lumber and timber products, 1; lumber, planing mill products, including sash, doors, and blinds, 2; marble and stone work, 1; mattresses and spring beds, 1; mucilage and paste, 1; oil, cottonseed and cake, 1; oil, not elsewhere specified, 1; optical goods, 1; paper goods, not elsewhere specified, 2; paper hanging, 2; perfumery and cosmetics, 1; photographic apparatus, 1; photographic materials, 1; rubber and elastic goods, 1; sausage, 1; silk and silk goods, 1; slaughtering and meat packing, wholesale, 2; slaughtering, wholesale, not including meat packing, 1; soap and candles, 1; toys and games, 1; upholstering materials, 1; wirework, including wire rope and cable, 1; wood, turned and carved, 1.

PROVIDENCE.

31,198	$16,009,629	12,090	$3,682,472	1,690	$306,261	$5,815,066	$777,303	$329,263	$4,272,366	$436,134	$46,357,130	$45,390,515	$966,615	$88,168,897	1
29	24,660	15	5,499			2,195	1,334		861		86,814	86,445	369	156,475	2
56	27,215			2	385	10,289	8,080	286	1,923		42,389	41,178	1,211	111,950	3
17	6,100					1,309	496	80	733		23,195	22,750	445	43,382	4
142	85,741					15,685	13,851	613	1,221		79,531	74,456	5,075	262,016	5
41	21,684	38	10,731	1	240	13,349	3,886	370	9,093		18,568	17,542	1,026	79,562	6
71	32,689	3	465			14,813	13,384	27	1,168	234	47,940	46,570	1,370	156,985	7
51	26,102			1	250	8,480	1,620	695	6,165		156,344	155,351	993	247,596	8
69	32,090	277	72,446	4	600	5,535	3,950	185	1,400		87,196	84,316	2,880	229,324	9
113	50,978	1	684			7,704	5,262	222	2,220		131,185	128,685	2,500	214,516	10
79	22,303					9,607	5,465	1,223	2,919		129,889	126,354	3,535	228,927	11
94	34,400	6	1,560	3	510	4,572	2,444	115	1,813	200	46,703	45,132	1,571	141,650	12
319	165,058	33	10,121	2	298	52,208	27,486	1,684	23,038		718,015	699,091	18,924	1,182,090	13
67	29,568					1,050	88	121	841		44,664	43,462	1,202	79,530	14
13	4,140	24	6,560	1	150	1,256	756		500		14,788	14,242	546	34,960	15
19	5,730	9	2,771			4,393	1,400		2,993		9,040	8,680	360	33,589	16
7	2,910	7	1,654	6	1,200	1,408	850	12	232	314	7,622	7,352	270	20,782	17
997	569,018					199,180	12,583	1,087	14,164	171,846	965,237	961,592	3,645	2,047,030	18
4	2,448					1,180	1,084		96		3,050	2,660	390	8,400	19
149	95,773					19,511	8,288	942	5,281	5,000	70,429	66,595	3,834	257,027	20
361	212,533	152	42,046	8	1,858	60,712	39,810	824	16,869	3,209	296,975	294,416	2,559	793,696	21

TABLE 8.—MANUFACTURES IN CITIES

PROVIDENCE—Continued.

	Manufacturing and mechanical industries.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
22	Clothing, women's, dressmaking	73	$103,546	$11,500	$22,500	$13,925	$55,621	78	4	$4,675	322	$109,904
23	Coffee and spice, roasting and grinding	3	36,250			5,650	30,600	4	4	5,000	9	4,332
24	Confectionery	26	49,647	2,000	7,000	19,625	21,022	31	19	5,707	74	32,088
25	Cotton goods	9	2,520,864	218,784	576,841	738,679	986,560		33	55,390	1,532	526,970
26	Cotton small wares	5	1,599,786	213,000	306,475	420,377	659,934	2	20	39,450	1,377	469,615
27	Dyeing and cleaning	11	8,470	1,000	2,000	4,070	1,400	11	2	576	25	10,528
28	Dyeing and finishing textiles	5	4,061,771	406,462	888,126	1,413,505	1,353,678	2	86	141,759	1,411	634,533
29	Electrical apparatus and supplies	9	234,864			39,256	195,608	8	11	10,918	127	54,260
30	Electrical construction and repairs	10	40,979			8,116	32,863	13	11	6,544	61	30,969
31	Electroplating	11	43,600			17,200	26,400	11	4	2,520	95	40,558
32	Enameling and enameled goods	19	104,563	2,000	4,500	18,266	79,797	27	14	12,976	387	116,568
33	Engraving and diesinking	26	40,258			24,775	15,483	29			86	43,716
34	Engraving, steel, including plate printing.	5	52,950	2,500	7,000	34,300	9,150	7	1	1,200	48	27,280
35	Files	5	962,736	128,535	190,980	214,756	428,465	4	16	57,581	637	284,182
36	Flavoring extracts	3	7,585		500	1,265	5,820	3	1	626	1	2,500
37	Food preparations	5	21,106	2,300	2,100	5,488	11,218	6	1	500	41	18,650
38	Foundry and machine shop products	82	12,638,246	1,423,789	1,953,839	3,590,038	5,670,580	70	400	569,104	6,276	3,368,215
39	Fur goods	4	12,780			930	11,850	6	1	800	16	8,854
40	Furniture, cabinetmaking, repairing, and upholstering.	31	154,840	425	6,800	15,390	132,225	30	4	2,882	107	71,130
41	Gas and lamp fixtures	4	31,600	800	5,200	7,100	18,500	7	2	1,440	30	15,128
42	Glass, cutting, staining, and ornamenting.	6	17,486			5,350	12,136	6	2	1,500	21	14,599
43	Gold and silver, reducing and refining, not from the ore.	10	505,957	36,200	53,800	48,850	367,107	16	22	24,050	70	43,884
44	Hairwork	5	5,260			335	4,925	6	1	1,150	6	2,777
45	Hand knit goods	3	2,000			250	1,750	3	1	800	2	1,150
46	Hand stamps	3	9,900			6,700	3,200	3			8	4,008
47	Hardware	5	167,737			26,300	141,437	4	8	3,568	44	17,040
48	Hats and caps, not including fur hats and wool hats.	4	9,850			2,400	7,450	4	7	5,820	35	14,530
49	Ivory and bone work	3	34,000	1,250	7,000	12,750	13,000	3	8	3,171	81	31,697
50	Jewelry	207	8,585,646	29,600	71,147	1,497,732	6,987,167	286	595	577,997	6,977	3,090,447
51	Labels and tags	3	30,400			19,500	10,900	2	2	1,350	22	9,470
52	Liquors, malt	3	1,767,673	96,923	405,828	746,146	518,776		31	50,398	111	80,764
53	Lock and gun smithing	13	12,595	500	200	7,030	4,865	15			12	6,513
54	Looking-glass and picture frames	9	30,180	3,500	1,000	2,450	23,230	10	2	1,500	21	8,634
55	Lumber, planing mill products, including sash, doors, and blinds.	10	150,450	7,000	8,500	38,850	96,100	12	7	6,300	157	77,050
56	Marble and stone work	9	189,970	50,000	23,880	77,015	39,075	10	5	4,845	156	103,376
57	Masonry, brick and stone	32	693,179	79,700	39,300	170,695	403,484	43	63	48,780	1,846	708,451
58	Mattresses and spring beds	4	31,825			4,545	27,280	5	5	2,888	43	16,811
59	Millinery, custom work	63	156,831	1,000	2,000	6,526	147,305	72	21	8,706	222	77,524
60	Mineral and soda waters	11	62,505	4,000	8,500	29,250	20,755	19	10	6,260	37	18,866
61	Models and patterns	5	7,204			2,891	4,313	5			15	9,576
62	Monuments and tombstones	8	75,350	28,500	9,400	3,700	33,750	9	2	1,600	44	17,713
63	Oil, not elsewhere specified	4	63,286			9,038	54,248	6	17	17,081	12	6,152
64	Oleomargarine	3	702,299	31,494	100,000	77,949	492,856		25	31,626	127	52,796
65	Optical goods	6	115,349	2,000	2,500	35,572	75,277	5	18	16,752	119	56,347
66	Painting, house, sign, etc	74	134,559	5,200	5,235	21,427	102,697	84	11	5,106	531	282,715
67	Paints	4	104,781	5,000	21,800	16,700	61,281	4	13	16,164	18	9,998
68	Paper goods, not elsewhere specified	3	25,211			12,754	12,457	4	1	1,340	25	6,666
69	Patent medicines and compounds	14	90,638	10,800	11,700	7,030	61,108	15	4	4,040	44	17,941
70	Paving and paving materials	8	131,590	11,386	22,300	31,666	66,238	8	9	7,864	151	55,645
71	Perfumery and cosmetics	3	11,755	2,000	3,880	615	5,260	3	1	2,500	5	1,910
72	Photography	20	56,054		500	28,204	27,350	23	3	4,176	62	30,697
73	Photolithographing and photoengraving.	3	6,800			3,800	3,000	3			13	7,150
74	Plastering and stuccowork	6	3,515			675	2,840	8			28	13,979
75	Plumbers' supplies	3	44,246	400	1,800	15,018	27,028	4	2	2,400	36	17,933
76	Plumbing, and gas and steam fitting	70	408,305	30,110	17,125	42,721	318,349	81	36	21,153	411	215,811
77	Printing and publishing, book and job	47	421,297			234,760	186,537	56	48	53,539	446	201,182
78	Printing and publishing, newspapers and periodicals.	12	503,475	150,000	55,000	173,950	124,525	9	16	29,226	247	190,732
79	Roofing and roofing materials	6	70,868	7,250	7,000	6,183	50,435	7	10	8,535	73	33,654
80	Rubber and elastic goods	7	1,289,247	38,000	119,858	122,225	1,009,164	1	54	77,757	876	300,308
81	Saddlery and harness	24	92,504			14,115	78,389	22	18	12,597	60	34,399
82	Sausage	4	33,000			16,500	16,500	5	9	6,770	26	16,880
83	Ship and boat building, wooden	3	81,701	500	16,067	38,565	26,569	2	2	2,500	51	37,240
84	Shirts	4	7,900			1,850	6,050	7	3	2,000	22	7,800
85	Shoddy	4	126,250			90,500	35,750	8	2	2,400	61	25,960
86	Silversmithing	4	371,570			131,929	239,641	4	26	24,444	275	121,444
87	Silverware	8	5,127,714	125,000	410,000	1,157,116	3,435,598	7	126	146,489	1,540	978,198
88	Slaughtering and meat packing, wholesale.	3	252,720			11,500	241,220	3	16	17,636	122	58,024
89	Stencils and brands	3	5,325			3,600	1,725	3			8	3,730
90	Tinsmithing, coppersmithing, and sheet-iron working.	34	249,330	26,000	21,700	36,783	164,847	39	23	15,761	215	116,274
91	Tobacco, cigars and cigarettes	15	57,650	8,800	13,000	8,950	26,900	14	9	8,450	86	24,379

BY SPECIFIED INDUSTRIES: 1900—Continued.

PROVIDENCE—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
32	$16,139	289	$93,555	1	$210	$20,250	$15,695	$717	$3,838		$107,427	$106,157	$1,270	$302,134	22
6	3,432	3	900			5,920	1,560		4,360		100,769	99,105	1,664	142,211	23
61	28,349	12	3,545	1	194	11,413	7,609	280	3,524		122,172	120,577	1,595	224,029	24
630	239,620	773	261,943	129	25,407	116,770	5,248	14,328	63,012	$34,182	935,146	896,242	38,904	1,954,740	25
397	241,198	928	222,302	52	6,115	115,738	2,082	12,187	100,238	1,231	565,131	529,093	36,038	1,400,099	26
14	6,840	10	3,388	1	300	4,199	2,474	70	1,655		3,598	2,637	961	27,625	27
1,234	588,037	165	44,066	12	2,430	282,083	480	16,412	265,191		814,557	697,118	117,439	2,284,083	28
115	48,960	12	5,300			12,887	5,909	125	6,453	400	98,663	96,436	2,227	216,068	29
60	30,369	1	600			14,231	3,646		5,585	5,000	56,421	56,006	415	144,367	30
76	36,518	5	1,618	14	2,422	5,211	4,189	122	900		55,978	53,923	2,055	149,480	31
135	58,039	167	51,732	34	6,797	13,265	4,684	190	8,391		62,947	57,917	5,030	263,505	32
74	40,754	8	2,012	4	950	5,534	4,351	75	1,108		7,445	5,803	1,642	91,859	33
29	20,800	19	6,480			2,627	1,990	144	493		2,470	2,145	325	47,718	34
543	254,808	94	29,374			56,875	188	3,936	52,751		279,681	260,555	19,126	850,327	35
2	1,500	2	1,000			846	349	8	489		8,165	8,128	37	16,050	36
20	13,400	21	5,250			2,089	1,070	133	886		87,443	86,929	514	119,700	37
6,176	3,329,672	61	31,031	39	7,512	698,658	45,770	66,591	583,065	3,232	3,809,831	3,658,548	151,283	9,437,251	38
6	3,300	9	5,450	1	104	6,003	2,182	163	1,158	2,500	8,922	8,774	148	24,580	39
92	66,212	15	4,918			9,052	6,784	269	1,599	400	50,787	49,925	862	157,798	40
25	13,906	2	754	3	468	6,983	2,750	133	1,100	3,000	22,221	21,113	1,108	59,500	41
21	14,599					2,598	1,653	35	910		11,729	11,128	601	44,563	42
70	43,884					26,625	4,650	2,552	19,423		3,138,355	3,130,004	8,351	3,484,454	43
1	780	5	1,997			1,890	1,620		270		2,950	2,875	75	14,273	44
1	650	1	500			2,868	368		300	2,200	4,148	4,148		10,975	45
7	3,696	1	312			942	878		64		3,978	3,918	60	12,426	46
41	16,140	3	900			2,401	1,326	8	1,067		69,650	69,245	405	109,156	47
18	9,520	16	4,860	1	150	1,548	1,154	82	312		23,299	23,110	189	51,170	48
42	22,233	39	9,464			1,513	384	116	1,013		39,341	38,512	829	74,718	49
4,162	2,271,835	379	785,122	151	33,490	663,230	137,148	10,118	441,519	74,445	5,867,420	5,805,147	62,273	12,719,124	50
20	8,958	1	312	1	200	3,556	1,836		1,720		15,040	14,780	260	42,775	51
111	80,764					392,180		8,127	384,053		220,203	204,467	15,736	1,007,662	52
11	6,045	1	468			5,209	4,421	133	564	91	6,018	5,404	614	26,374	53
19	8,178	2	456			6,058	5,392	10	656		21,278	21,106	172	46,431	54
157	77,050					11,143	8,516	335	2,292		134,202	131,772	2,430	274,588	55
156	103,376					15,237	1,478	1,188	12,271	300	110,958	106,100	4,858	276,788	56
1,845	708,351			1	100	122,952	3,141	1,286	29,625	88,900	1,537,135	1,530,295	6,840	2,621,409	57
35	14,618	8	2,193			4,730	3,321	57	1,352		57,106	56,591	515	99,840	58
		221	77,394	1	130	50,302	44,425	1,117	4,760		200,353	199,362	991	148,069	59
37	18,866					7,877	2,171	277	5,429		33,601	32,459	1,142	88,350	60
15	9,576					1,201	1,065	8	128		1,979	1,548	431	20,755	61
44	17,713					9,279	425	534	2,820	5,500	25,118	24,494	624	68,837	62
12	6,152					16,766	3,180		13,586		127,368	126,723	645	199,545	63
111	47,856	16	4,940			121,912	1,000	1,460	119,452		912,912	906,610	6,302	1,345,133	64
83	46,271	34	9,634	2	442	11,589	4,248	76	7,265		82,131	81,115	1,016	215,838	65
529	282,015			2	700	16,882	13,666	81	3,135		130,554	129,751	803	548,672	66
17	9,890	1	108			5,688	1,259	313	4,116		106,660	104,777	1,883	166,818	67
3	1,980	22	4,686			2,416	1,615	32	769		18,792	18,532	260	36,020	68
21	11,307	23	6,634			16,696	4,983	918	10,645	150	57,312	56,827	485	147,739	69
151	55,645					15,870	172	527	15,171		57,403	54,572	2,831	156,523	70
2	1,186	3	724			4,358	60	97	4,201		7,577	7,535	42	23,148	71
30	18,381	32	12,316			13,451	10,286	24	3,141		29,046	28,497	549	107,167	72
11	6,800			2	350	1,400	670		730		2,751	2,555	196	21,000	73
27	13,829			1	150	1,008	956	7	45		3,232	3,155	77	21,650	74
36	17,933					7,719	1,700	61	5,958		21,182	20,862	320	60,536	75
408	215,420			3	391	37,411	19,594	645	10,872	6,300	386,436	376,675	3,761	831,581	76
320	170,739	108	27,336	18	3,107	52,091	19,272	336	22,667	9,816	250,706	242,920	7,786	667,328	77
239	186,900	6	3,474	2	358	91,284	4,819	4,231	73,935	8,299	98,454	93,961	4,493	576,247	78
73	33,654					5,394	900	216	4,078	200	55,336	55,186	150	128,303	79
418	162,600	449	135,967	9	1,741	187,319	14,400	3,001	169,918		1,511,029	1,491,509	19,520	2,269,694	80
60	34,399					10,828	7,492	32	3,154	150	63,486	62,537	949	145,398	81
26	16,880					3,465	2,810	174	481		104,517	102,741	1,776	145,263	82
51	37,240					2,867	1,070	353	1,444		20,650	20,355	295	80,904	83
1	520	21	7,280			1,345	910		435		13,312	13,102	210	35,630	84
60	25,700	1	260			18,177	9,320	347	8,510		297,150	287,650	9,500	359,431	85
214	110,159	54	10,504	7	781	25,006	6,020	517	18,469		193,557	192,123	1,434	414,782	86
1,438	955,721	92	20,931	10	1,546	105,514	6,240	7,915	91,359		1,687,883	1,667,394	20,489	3,834,408	87
119	57,188			3	836	30,597	7,668	82	22,847		1,155,026	1,148,601	6,425	1,316,220	88
6	3,424			2	306	1,744	1,250		254	240	1,866	1,750	116	11,000	89
215	116,274					20,769	10,693	750	6,973	2,353	158,298	155,649	2,649	396,983	90
40	11,973	46	12,406			21,413	2,007	456	18,950		50,899	50,433	466	168,356	91

TABLE 8.—MANUFACTURES IN CITIES

PROVIDENCE—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
92	Tools, not elsewhere specified	5	$41,850	$500	$2,500	$18,300	$20,550	7	3	$1,410	44	$21,040
93	Trunks and valises	3	6,350			1,000	5,350	4	1	208	11	6,085
94	Watch, clock, and jewelry repairing	50	49,280			18,250	31,030	55	5	1,865	60	38,945
95	Window shades	4	6,550			750	5,800	5	1	750	9	5,350
96	Wirework, including wire rope and cable.	6	44,060	1,900	2,000	14,060	26,100	5	7	5,002	52	19,881
97	Wood, turned and carved	6	51,200		500	18,750	31,950	6	1	850	28	9,600
98	Woolen goods	4	2,138,780	353,500	404,000	402,000	979,280	1	27	69,206	715	328,268
99	Worsted goods	11	19,367,409	968,761	1,661,630	3,929,281	12,807,737	4	131	293,744	7,967	2,813,014
100	All other industries[1]	100	13,963,448	867,837	1,549,652	5,104,505	6,441,454	93	407	513,156	4,516	1,994,757

[1] Embraces artificial limbs, 1; baking and yeast powders, 1; belting and hose, leather, 2; billiard tables and materials, 1; boot and shoe findings, 2; boot and shoe uppers, 1; boots and shoes, factory product, 2; boots and shoes, rubber, 2; chemicals, 2; cleansing and polishing preparations, 1; clothing, men's, factory product, 1; coffins, burial cases, and undertakers' goods, 1; combs, 1; cordials and sirups, 1; cork, cutting, 1; corsets, 1; cutlery and edge tools, 2; druggists' preparations, not including prescriptions, 2; dye stuffs and extracts, 1; emery wheels, 1; engraving, wood, 2; envelopes, 1; fancy articles, not elsewhere specified, 1; flouring and grist mill products, 2; fruits and vegetables, canning and preserving, 1; fur hats, 2; furniture, factory product, 2; gas, illuminating and heating, 1; gas machines and meters, 1; gloves and mittens, 1; gold and silver, leaf and foil, 2; grease and tallow, 1; hardware, saddlery, 2; hosiery and knit goods, 1; house-furnishing goods, not elsewhere specified, 1; instruments, professional and scientific, 1; iron and steel, forgings, 1; iron and steel, nails and spikes, cut and

WARWICK.

1	All industries	104	$8,418,333	$654,711	$2,337,068	$3,128,957	$2,297,597	110	69	$116,239	5,544	$1,858,462
2	Bicycle and tricycle repairing	3	4,600	100	1,500	650	2,350	8			2	696
3	Blacksmithing and wheelwrighting	22	22,590	5,025	8,000	3,520	6,045	23			17	8,009
4	Boots and shoes, custom work and repairing.	6	3,955	720	2,400	585	250	10			2	850
5	Bread and other bakery products	4	17,750	5,700	7,000	2,400	2,650	5	2	474	16	9,708
6	Clothing, men's, custom work and repairing.	3	584			220	364	3			2	1,150
7	Clothing, women's, dressmaking	6	3,285	300	500	465	2,020	6			7	1,641
8	Cotton goods	9	6,247,306	420,637	1,734,031	2,720,361	1,372,277	1	38	56,277	4,361	1,361,143
9	Flouring and grist mill products	3	57,200	8,500	12,500	9,100	27,100	3	1	624	8	2,968
10	Foundry and machine shop products	3	232,608	12,829	117,000	29,466	73,313	5	6	6,850	146	55,697
11	Millinery, custom work	11	21,668	2,400	7,050	568	11,650	11			14	5,486
12	Painting, house, sign, etc	4	699		75	274	350	4			6	2,228
13	Plumbing, and gas and steam fitting	3	3,100	200	500	800	1,600	3	1	400	7	4,244
14	Printing and publishing, book and job	3	13,700	2,200	3,800	6,500	1,200	3			5	2,090
15	Saddlery and harness	5	3,365	200	400	435	2,330	6			3	1,450
16	Watch, clock, and jewelry repairing	3	6,670	700	2,500	420	3,050	3	1	200	1	600
17	All other industries[1]	16	1,779,253	195,200	439,812	353,193	791,048	16	20	51,414	947	400,502

[1] Embraces boxes, wooden packing, 1; carpentering, 1; confectionery, 2; dyeing and finishing textiles, 2; furniture, cabinetmaking, repairing, and upholstering, 2; lumber, planing mill products, including sash, doors, and blinds, 1; mineral and soda waters, 1; monuments and tombstones, 2; photography, 1; tinsmithing, coppersmithing, and sheet-iron working, 2; woolen goods, 1.

WOONSOCKET.

1	All industries	242	$14,279,361	$766,592	$3,201,245	$3,697,841	$6,613,683	257	166	$258,715	8,093	$3,080,280
2	Bicycle and tricycle repairing	6	9,112		100	3,095	5,917	6			11	2,995
3	Blacksmithing and wheelwrighting	11	20,680	2,687	4,663	3,505	9,825	12			19	10,888
4	Boots and shoes, custom work and repairing.	22	8,043			2,960	5,083	22			3	1,390
5	Bread and other bakery products	13	71,705	14,000	12,000	8,610	37,095	16	1	575	65	31,899
6	Carpentering	10	37,470	2,100	3,000	6,580	25,790	14	1	500	109	51,699
7	Carriages and wagons	5	40,543	8,050	6,100	7,900	18,493	5			38	18,475
8	Clothing, men's, custom work and repairing.	16	30,953			2,680	28,273	19			59	21,664
9	Confectionery	4	21,118	450	4,000	5,445	11,223	4			24	8,748
10	Cotton goods	5	4,278,613	422,000	1,362,258	1,613,850	880,505	1	29	71,060	2,496	820,780
11	Foundry and machine shop products	16	896,003	32,637	123,143	282,298	457,925	19	31	38,850	977	493,606
12	Hosiery and knit goods	7	844,389	44,000	152,116	216,117	432,156	3	14	16,598	495	163,964
13	Masonry, brick and stone	5	12,320	1,050	3,500	4,750	3,020	5			52	26,764
14	Millinery, custom work	13	27,110		3,250	490	23,370	12			54	16,773
15	Monuments and tombstones	3	9,755		300	700	8,755	5			6	4,620
16	Painting, house, sign, etc	11	29,004	2,400	1,800	1,840	22,964	11			56	26,742
17	Photography	4	6,635			2,175	4,460	4			5	2,359
18	Plumbing, and gas and steam fitting	10	93,363			10,950	82,413	13	3	1,764	65	32,026
19	Printing and publishing, book and job	4	36,850			30,000	6,850	3	2	1,050	25	12,180
20	Printing and publishing, newspapers and periodicals.	3	63,169			53,132	10,037		6	7,532	61	36,528
21	Saddlery and harness	5	6,938		800	678	5,460	5			5	2,378

BY SPECIFIED INDUSTRIES: 1900—Continued.

PROVIDENCE—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
48	$20,790	.....	.....	1	$250	$2,855	$1,305	$108	$1,442	.....	$5,322	$4,424	$898	$49,051	92
11	6,035	.....	.....	.....	.....	3,126	2,749	56	321	.....	12,057	11,976	81	27,075	93
57	38,219	3	$726	.....	.....	20,464	16,912	68	3,384	$100	30,938	29,830	1,108	149,731	94
7	4,650	2	700	.....	.....	1,753	1,278	.....	475	.....	8,653	8,637	16	22,774	95
46	18,241	1	728	5	912	3,423	1,340	146	1,437	500	44,644	43,511	1,133	89,465	96
28	9,600	.....	.....	.....	.....	2,215	1,354	93	768	.....	52,262	51,280	982	68,280	97
447	221,905	244	101,615	24	4,748	45,286	.....	6,247	39,039	.....	1,207,948	1,190,862	17,086	1,772,524	98
3,573	1,533,564	3,407	1,113,044	987	166,406	830,812	46,100	57,144	727,568	.....	11,087,271	10,881,861	205,410	16,603,252	99
2,976	1,568,764	1,402	394,726	138	31,267	895,744	51,506	92,398	745,498	6,342	4,605,301	4,503,572	101,729	9,170,080	100

wrought, including wire nails, 1; ironwork, architectural and ornamental, 2; jewelry and instrument cases, 1; kindling wood, 1; lapidary work, 2; lead, bar, pipe, and sheet, 2; leather goods, 1; leather, tanned, curried, and finished, 2; lithographing and engraving, 1; millinery and lace goods, 1; mucilage and paste, 2; musical instruments and materials, not specified, 1; musical instruments, organs and materials, 2; paper hanging, 2; pens, fountain and stylographic, 1; pens, gold, 1; pickles, preserves, and sauces, 2; plated and britannia ware, 1; regalia and society banners and emblems, 1; safes and vaults, 1; scales and balances, 1; screws, wood, 1; sewing machine repairing, 1; sewing machines and attachments, 2; silk and silk goods, 2; soap and candles, 2; sporting goods, 1; stamped ware, 1; steam fittings and heating apparatus, 2; stereotyping and electrotyping, 2; surgical appliances, 1; taxidermy, 2; typewriter repairing, 2; upholstering materials, 1; varnish, 1.

WARWICK.

3,233	$1,269,744	1,761	$482,687	550	$106,031	$330,774	$7,731	$32,350	$282,516	$8,177	$2,522,789	$2,345,466	$177,323	$6,197,506	1
2	696	.....	.....	.....	.....	398	340	.....	58	.....	2,743	2,712	31	4,600	2
17	8,009	.....	.....	.....	.....	1,795	1,511	93	180	11	10,698	10,290	403	37,282	3
2	850	.....	.....	.....	.....	167	132	14	21	.....	1,675	1,645	30	5,175	4
16	9,708	.....	.....	.....	.....	682	240	38	404	.....	20,971	20,256	715	52,128	5
1	700	1	450	.....	.....	298	270	.....	28	.....	2,325	2,300	25	5,500	6
.....	.....	7	1,641	.....	.....	1,125	1,009	19	97	.....	4,301	4,193	108	9,525	7
2,299	838,047	1,583	428,143	479	94,953	148,024	.....	27,705	120,319	.....	1,654,724	1,568,752	85,972	4,413,357	8
8	2,968	.....	.....	.....	.....	6,652	.....	122	210	6,320	97,988	97,610	378	119,120	9
137	55,165	9	532	.....	.....	3,306	1,583	700	1,023	.....	60,601	54,997	5,604	156,734	10
.....	.....	14	5,486	.....	.....	1,472	1,203	40	229	.....	23,689	23,496	193	42,075	11
6	2,228	.....	.....	.....	.....	325	240	.....	85	.....	2,023	1,984	39	6,500	12
7	4,244	.....	.....	.....	.....	474	330	.....	144	.....	7,960	7,770	190	15,900	13
3	1,420	2	670	.....	.....	123	72	28	23	.....	1,452	1,348	104	5,950	14
3	1,450	.....	.....	.....	.....	421	336	14	71	.....	2,422	2,397	25	5,951	15
1	600	.....	.....	.....	.....	208	30	118	60	.....	500	479	21	3,200	16
731	343,659	145	45,765	71	11,078	165,304	435	3,459	159,564	1,846	628,722	545,237	83,485	1,314,509	17

WOONSOCKET.

4,972	$2,212,008	2,635	$782,236	486	$86,036	$589,795	$60,679	$48,369	$423,657	$57,090	$7,563,204	$7,378,053	$185,151	$15,627,539	1
10	2,840	.....	.....	1	155	1,230	918	10	302	.....	4,752	4,442	310	12,683	2
19	10,888	.....	.....	.....	.....	1,166	789	124	203	50	9,231	8,878	353	31,988	3
3	1,390	.....	.....	.....	.....	2,144	1,913	11	220	.....	10,413	10,251	162	24,987	4
61	31,025	3	664	1	210	7,451	1,417	501	5,533	.....	83,360	79,895	3,465	165,815	5
109	51,699	.....	.....	.....	.....	8,114	526	42	1,121	6,425	107,084	106,969	115	213,596	6
38	18,475	.....	.....	.....	.....	2,371	804	297	1,270	.....	23,665	21,356	2,309	54,851	7
28	13,543	31	8,121	.....	.....	4,718	2,752	45	1,921	.....	35,839	35,665	174	86,355	8
15	6,467	9	2,281	.....	.....	4,166	2,564	84	1,258	260	25,915	25,253	662	47,251	9
1,064	408,851	1,092	348,749	340	63,180	106,522	5,000	27,644	73,878	.....	1,107,792	1,046,037	61,755	2,389,586	10
992	481,000	45	12,606	.....	.....	122,109	9,524	2,191	77,313	33,081	423,757	405,025	18,732	1,271,057	11
213	93,687	274	69,317	8	960	39,167	806	3,027	33,034	2,300	679,949	666,744	13,205	1,082,057	12
52	26,764	.....	.....	.....	.....	517	25	70	422	.....	18,398	18,398	.....	53,497	13
.....	.....	54	16,773	.....	.....	4,495	3,423	59	1,013	.....	45,462	45,298	164	91,485	14
6	4,620	.....	.....	.....	.....	734	548	7	179	.....	14,920	14,835	85	30,175	15
56	26,742	.....	.....	.....	.....	3,254	998	50	2,006	200	25,065	25,044	21	69,410	16
3	1,664	2	695	.....	.....	1,951	1,178	.....	773	.....	2,741	2,700	41	15,987	17
65	32,026	.....	.....	.....	.....	6,251	3,612	68	2,571	.....	70,284	69,783	501	131,258	18
23	11,530	2	650	.....	.....	1,864	924	32	908	.....	13,024	12,389	635	33,880	19
56	35,641	1	260	4	624	5,776	2,380	219	3,177	.....	9,470	8,190	1,280	78,892	20
5	2,378	.....	.....	.....	.....	1,066	788	16	262	.....	3,581	3,510	71	17,050	21

TABLE 8.—MANUFACTURES IN CITIES

WOONSOCKET—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES AND TOWNS.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
22	Tinsmithing, coppersmithing, and sheet-iron working.	6	$19,115	$1,000	$2,000	$6,050	$10,065	8	-------	----------	22	$10,498
23	Watch, clock, and jewelry repairing	4	1,800	----------	450	750	600	5	-------	----------	5	3,000
24	Wood, turned and carved	3	211,685	45,000	42,000	75,700	48,985	2	3	$2,700	185	58,700
25	Woolen goods	3	1,004,695	30,000	150,000	220,491	604,204	2	6	16,300	233	96,848
26	Worsted goods	9	2,433,844	86,693	465,212	532,722	1,349,217	11	29	48,497	1,170	457,082
27	All other industries [1]	44	4,064,449	74,525	864,553	604,373	2,520,998	50	41	53,289	1,852	667,724

[1] Embraces baskets, and rattan and willow ware, 1; belting and hose, leather, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 2; boots and shoes, rubber, 2; bottling, 2; boxes, fancy and paper, 1; clothing, horse, 1; clothing, women's, dressmaking, 2; cotton small wares, 1; dyeing and cleaning, 1; electroplating, 1; fancy articles, not elsewhere specified, 1; felt goods, 1; flouring and grist mill products, 2; furnishing goods, men's, 1; furniture, cabinetmaking, repairing, and upholstering. 2; gas, illuminating and heating, 1; grease and tallow, 1; lock and gun smithing, 1; looking-glass and picture frames, 1; lumber, planing

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and towns	1,225	$42,723,207	$3,379,352	$9,425,505	$10,521,248	$19,397,102	1,317	733	$899,947	22,372	$8,948,007
2	Bristol	72	3,919,260	122,800	747,612	927,239	2,121,609	79	73	93,743	2,009	828,366
3	Burrillville	54	2,922,075	208,250	312,931	393,090	2,007,804	54	49	68,576	1,865	739,988
4	Central Falls	134	3,389,256	292,880	698,390	987,387	1,410,599	138	69	84,647	2,092	800,852
5	Coventry	34	1,808,570	173,708	508,413	562,213	564,236	27	21	34,650	1,335	465,321
6	Cranston	38	1,884,867	286,818	590,362	419,441	588,246	36	49	72,660	644	326,790
7	Cumberland	27	4,488,459	308,600	1,851,093	905,287	1,423,479	29	35	52,931	1,688	660,997
8	East Greenwich	46	443,701	48,584	138,900	124,582	131,635	51	20	22,159	355	140,346
9	East Providence	48	2,261,080	138,467	280,342	413,472	1,428,799	55	48	52,930	901	366,729
10	Hopkinton	42	831,126	117,250	227,310	157,440	329,126	48	20	17,373	372	125,621
11	Johnston	13	2,026,139	75,175	157,741	491,240	1,301,983	13	43	45,732	729	230,348
12	Lincoln	41	6,134,320	277,952	1,577,048	1,417,747	2,861,573	39	43	99,020	2,645	990,769
13	Newport [1]	290	2,495,679	424,925	414,320	621,644	1,034,790	340	79	63,356	1,749	1,012,782
14	North Kingstown	60	1,182,406	183,010	132,405	254,096	612,895	63	30	23,329	508	211,197
15	North Smithfield	8	958,082	126,200	220,997	287,741	323,144	7	11	19,880	718	183,742
16	Scituate	33	1,264,223	118,350	268,615	359,510	517,748	33	14	26,948	600	190,739
17	Smithfield	16	325,933	33,175	79,079	123,301	90,378	17	4	2,350	203	73,519
18	South Kingstown	71	1,697,485	99,625	253,095	308,234	1,036,531	75	45	34,868	810	349,544
19	Tiverton	22	749,331	60,950	154,464	268,720	265,197	19	9	13,896	541	192,361
20	Warren	61	2,353,264	83,003	506,383	946,628	817,250	62	19	34,880	1,047	396,010
21	Westerly	105	1,587,951	199,630	306,005	552,236	530,080	122	52	36,019	1,561	661,986

[1] Population 22,034, but not considered a manufacturing city and therefore presented by totals only.

BY SPECIFIED INDUSTRIES: 1900—Continued.

WOONSOCKET—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
22	$10,498	-------	----------	-------	----------	$1,769	$786	$50	$933	----------	$14,127	$13,736	$391	$39,423	22
6	3,000	-------	----------	-------	----------	242	160	4	78	----------	1,089	1,012	77	6,427	23
172	57,440	-------	----------	13	$1,260	2,383	208	480	1,695	----------	69,980	69,960	20	138,797	24
205	89,392	28	$7,456	-------	----------	26,514	300	493	24,669	$1,052	550,972	533,584	17,388	785,677	25
596	292,421	534	158,365	40	6,246	117,976	8,034	5,035	91,185	13,722	1,853,436	1,822,203	31,233	2,773,830	26
1,213	498,024	560	156,299	79	13,401	115,845	10,302	7,810	97,733	----------	2,358,898	2,326,896	32,002	5,981,525	27

mill products, including sash, doors, and blinds, 1; millinery and lace goods, 1; mineral and soda waters, 2; optical goods, 1; paper goods, not elsewhere specified, 1; paper hanging, 1; patent medicines and compounds, 2; roofing and roofing materials, 1; sausage, 1; soap and candles, 2; sugar and molasses, refining, 1; tobacco, cigars and cigarettes, 1; vinegar and cider, 1; washing machines and clothes wringers, 1.

TOWNS UNDER 20,000 IN POPULATION: 1900.

14,185	$6,646,756	7,114	$2,106,810	1,073	$194,441	$2,598,194	$176,642	$166,504	$1,740,399	$514,649	$23,166,450	$22,598,042	$568,408	$41,624,006	1
1,164	551,227	794	270,596	51	6,543	317,873	5,422	7,907	298,744	5,800	2,028,612	1,982,737	45,875	3,670,251	2
1,220	534,533	557	188,711	88	16,744	256,248	49,439	6,440	147,330	53,039	2,574,503	2,538,253	36,250	4,089,160	3
1,198	567,408	809	216,102	85	17,342	221,472	14,312	20,819	78,204	108,137	2,119,055	2,065,048	54,007	3,749,783	4
747	318,395	453	125,636	135	21,290	52,115	1,790	7,527	42,798	----------	947,899	926,885	21,014	1,645,699	5
588	309,725	53	15,940	3	1,125	440,164	2,054	11,596	398,463	28,051	691,408	627,528	63,880	1,603,464	6
998	491,735	585	147,594	105	21,668	53,425	1,224	11,600	40,601	----------	656,578	630,373	26,205	1,969,553	7
253	112,097	90	26,178	12	2,071	23,864	3,099	1,835	18,930	----------	312,869	288,101	24,768	663,416	8
661	304,903	240	61,826	-------	----------	265,293	6,737	3,216	252,790	2,550	4,341,767	4,315,199	26,568	5,487,101	9
288	106,678	77	17,733	7	1,210	29,180	1,785	3,633	14,719	9,043	255,273	248,522	6,751	506,209	10
318	135,905	345	85,443	66	9,000	88,745	7,478	2,511	77,821	935	1,924,454	1,903,911	20,543	2,619,146	11
1,331	591,053	1,145	365,466	169	34,250	105,449	4,533	38,262	59,579	3,075	1,817,256	1,734,275	82,981	3,743,875	12
1,532	944,589	207	66,178	10	2,015	357,015	50,159	8,599	72,444	225,813	1,406,811	1,372,125	34,686	3,442,988	13
360	168,914	135	39,908	13	2,375	38,200	2,944	3,553	26,603	5,100	618,450	604,801	13,649	1,100,426	14
436	116,505	248	59,443	34	7,794	46,938	1,280	2,867	42,791	----------	242,830	226,845	15,985	534,224	15
313	115,587	214	63,480	73	11,672	61,956	661	6,229	9,595	45,471	289,342	282,370	6,972	638,146	16
131	53,639	58	18,525	14	1,355	11,564	892	1,314	9,358	----------	196,939	192,155	4,784	311,723	17
554	270,197	219	72,629	37	6,718	72,995	2,946	3,443	51,806	14,800	885,192	867,019	18,173	1,536,535	18
335	142,759	156	43,992	50	5,610	25,655	490	6,208	12,622	6,335	292,350	278,178	14,172	730,398	19
569	252,564	397	124,380	81	19,066	73,815	4,091	10,043	57,131	2,550	753,470	727,657	25,813	1,647,365	20
1,189	558,343	332	97,050	40	6,593	56,228	15,306	8,902	28,070	3,950	811,392	786,060	25,332	1,934,544	21

SOUTH CAROLINA.

Table 1 shows the manufacturing and mechanical industries of the state of South Carolina as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by the manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	3,762	2,382	2,078	1,584	1,230	1,430	57.9	14.6	31.2	28.8	[1]14.0
Capital	$67,356,465	$29,276,261	$11,205,894	$5,400,418	$6,931,756	$6,053,265	130.1	161.3	107.5	[1]22.1	14.5
Salaried officials, clerks, etc., number	1,525	[2]1,914	(3)	(3)	(3)	(3)	[1]20.3	------	------	------	------
Salaries	$1,327,052	[2]$1,116,244	(3)	(3)	(3)	(3)	18.9	------	------	------	------
Wage-earners, average number	48,135	22,748	15,828	8,141	6,994	7,066	111.6	43.7	94.4	16.4	[1]1.0
Total wages	$9,455,900	$5,474,739	$2,836,289	$1,543,715	$1,380,027	$1,127,712	72.7	93.0	83.7	11.9	22.4
Men, 16 years and over	29,823	16,664	13,687	7,099	6,096	5,992	79.0	21.8	92.8	16.5	1.7
Wages	$6,921,355	$4,516,437	(3)	(3)	(3)	(3)	53.2	------	------	------	------
Women, 16 years and over	9,752	3,775	1,023	578	898	1,074	158.3	269.0	77.0	[1]35.6	[1]16.4
Wages	$1,685,139	$736,696	(3)	(3)	(3)	(3)	128.7	------	------	------	------
Children, under 16 years	8,560	2,309	1,118	464	(3)	(3)	270.7	106.5	140.9	------	------
Wages	$849,406	$221,606	(3)	(3)	(3)	(3)	283.3	------	------	------	------
Miscellaneous expenses	$3,111,587	$1,792,386	(4)	(4)	(4)	(4)	73.6	------	------	------	------
Cost of materials used	$34,027,795	$18,873,666	$9,885,538	$5,855,736	$5,198,881	$2,787,534	80.3	90.9	68.8	12.6	86.5
Value of products, including custom work and repairing	$58,748,731	$31,926,681	$16,738,008	$9,858,981	$8,615,195	$7,045,477	84.0	90.7	69.8	14.4	22.3
Total population	1,340,316	1,151,149	995,577	705,606	703,708	668,507	16.4	15.6	41.1	0.3	5.3
Wage-earners engaged in manufactures	48,135	22,748	15,828	8,141	6,994	7,066	111.6	43.7	94.4	16.4	[1]1.0
Per cent of total population	3.6	2.0	1.6	1.2	1.0	1.1	------	------	------	------	------
Assessed value of real estate	[5]$102,187,777	$90,042,723	$77,461,670	$119,494,675	$129,772,684	$105,737,492	13.4	16.2	[1]35.2	[1]7.9	22.7
Value of land and buildings invested in manufactures[6]	$15,316,413	$8,573,156	(3)	(3)	(3)	(3)	78.7	------	------	------	------
Per cent of assessed value	15.0	9.5	------	------	------	------	------	------	------	------	------

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[3] Not reported separately.
[4] Not reported.
[5] As given in the Report of the Comptroller-General of the State of South Carolina, for the year 1900, page 145.
[6] Does not include value of rented property.

Although South Carolina is an agricultural state, Table 1 shows that there has been a considerable growth in its manufacturing and mechanical industries during the half century. The population during these years increased from 668,507 to 1,340,316, or 100.5 per cent, while the average number of wage-earners employed in manufacturing establishments increased from 7,066 to 48,135, or 581.2 per cent, embracing, in 1900, 3.6 per cent of the entire population, compared with 1.1 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 62,908, or 4.7 per cent of the total population of the state. Measured by the value of products, the greatest percentage of increase, 90.7, was during the decade ending with 1890, although the greatest absolute increase was between the years 1890 and 1900.

South Carolina produces the raw material needed for several industries, and possesses excellent facilities for marketing products. Sailing and steam vessels, with a total tonnage of 86,757, engaged in foreign trade, cleared from the harbors of Charleston and Beaufort during the census year.[1] The Savannah River is navigable for 158 miles; the Santee, for its entire length; the Pedee, for 120 miles; the Congaree, nearly to the city of Columbia; and the Wateree, to Camden. The value placed upon water communication is indicated by the expenditure by the state, between the years 1816 and 1826, of $1,712,626 upon internal improvements, a large part of which amount was appropriated for building canals around the rapids of 5 of its rivers.[2] Since 1878, $6,063,692 has been expended by the United States Government upon 7 rivers and 3 harbors, and further improvements are contemplated.[3] The abundant waterpower, chiefly in the Piedmont region, in 1880 estimated to exceed 300,000 horsepower,[4] was neglected for years, but has been greatly developed during the past decade. In three instances electricity generated by waterpower is successfully transmitted to points where it has been found advantageous to locate mills. The first extensive use of electrically transmitted power in cotton manufacturing in the United States was made, it is claimed, at Columbia, where 1,340 horsepower is now developed, and the second, with 3,000 horsepower, at

[1] Treasury Department: Commerce and Navigation of the United States, 1900, Vol. I, page 1183.

[2] South Carolina, Resources, Population, Institutions, and Industries, by Harry Hammond, page 196.

[3] War Department: Report of the Chief of Engineers, 1900, Part 3, pages 1841 to 1876.

[4] South Carolina, Resources, Population, Institutions, and Industries, page 206.

Pelzer.[1] Coal is not mined in South Carolina, but the development of the Alabama fields in recent years[2] has benefited manufacturers dependent upon steam for power.

Table 1 shows that the number of children employed in manufacturing increased 270.7 per cent during the last decade, while the number of men increased only 79 per cent. There is no statute fixing the minimum age at which children may work in the mills, and, in some instances, such employees are under 12 years of age.[3] Many of the mills, however, have reading rooms and libraries for the use of their employees,[4] and nearly all contribute regularly to the support of the local schools. Answers from 65 cotton mills in 1901 show that they had invested $86,164 in school buildings and equipment, for the support of which they paid $44,802 in taxes annually, and $27,512 in special contributions, and the average school term in these localities was 8.86 months, or twice that in the other portions of the state.[5] The importance of technical education is much appreciated, and an agricultural and industrial college for boys and an industrial school for girls have been established during the last decade.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for governmental establishments, educational and eleemosynary institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

[1] Transactions of the New England Cotton Manufacturers' Association, 1895, page 236.

[2] United States Geological Survey: Mineral Resources, 1899; Metallic Products, Coal, and Coke, page 358.

[3] Report of the Industrial Commission, 1900, Vol. VII, pages 484, 491, and 492.

[4] Ibid., page 482.

[5] Report of a Committee of Textile Manufacturers of South Carolina to the Legislature, September 10, 1901.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	7,930	$70,056,299	8,625	55,117	$9,633,651	$3,151,237	$34,284,482	$21,891,507	$10,763,983	$1,628,992	$59,682,110
Hand trades[1]	785	840,607	877	1,597	465,604	104,886	1,081,801	172	1,049,738	31,891	2,323,574
Governmental establishments	2	901,603	--------	107	48,467	----------	27,867	600	24,198	3,069	89,311
Educational and eleemosynary institutions	3	13,800	1	7	3,140	381	15,598	1,490	12,189	1,919	23,627
Establishments with a product of less than $500	4,163	1,784,431	4,536	6,868	126,144	39,269	213,222	57,538	154,230	1,454	820,441
All other establishments	2,977	66,515,858	3,211	46,538	8,990,296	3,006,701	32,945,994	21,831,707	9,523,628	1,590,659	56,425,157

[1] Includes bicycle and tricycle repairing, 43; blacksmithing and wheelwrighting, 316; boots and shoes, custom work and repairing, 81; carpentering, 40; clothing, men's, custom work and repairing, 43; clothing, women's, dressmaking, 36; dyeing and cleaning, 6; furniture, cabinetmaking, repairing, and upholstering, 25; lock and gun smithing, 13; masonry, brick and stone, 2; millinery, custom work, 79; painting, house, sign, etc., 17; plumbing, and gas and steam fitting, 16; sewing machine repairing, 2; watch, clock, and jewelry repairing, 66.

Of the 7,930 establishments of all classes shown in this table, 4,948, or 62.4 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $3,144,015, or only 5.3 per cent of the total value of the products of the state.

In addition to the 7,930 active establishments in the state during the census year, with a capital of $70,056,299, shown in Table 2, there were 58 idle establishments, with a capital of $115,115, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Brick and tile	3	$9,220	Lumber and timber products	7	$19,485
Chemicals	1	41,500	Lumber, planing mill products, including sash, doors, and blinds	2	5,750
Cotton, ginning	34	18,478	All other industries	5	5,592
Flouring and grist mill products	5	10,090			
Hosiery and knit goods	1	5,000			

The 8 leading industries of the state in 1900, as shown by Table 3, embraced 1,640 establishments, or 43.6 per cent of the total number in the state; used a capital of $58,538,373, or 86.9 per cent of the total; gave employment to 39,066 wage-earners, or 81.2 per cent of the total number; and paid $6,965,935, or 73.7 per cent of the total wages. The value of their products was $48,041,940, or 81.8 per cent of the total. In the discussion of Table 3 these industries are ranked with reference to the value of their products.

TABLE 3.—COMPARATIVE SUMMARY OF EIGHT LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	1,640	$58,538,373	39,066	$6,965,935	$2,472,263	$29,272,774	$48,041,940
	1890	1,169	21,771,113	15,565	3,008,722	1,278,679	14,301,942	21,927,098
Increase, 1890 to 1900	--------	471	36,767,260	23,501	3,957,213	1,193,584	14,970,832	26,114,842
Per cent of increase	--------	40.3	168.9	151.0	131.5	93.3	104.7	119.1
Per cent of total of all industries in state	1900	43.6	86.9	81.2	73.7	79.5	86.0	81.8
	1890	49.1	74.4	68.4	55.0	71.3	75.8	68.7
Cotton goods	1900	80	39,258,946	30,201	5,066,840	1,507,824	17,263,882	29,723,919
	1890	34	11,141,833	8,071	1,510,494	528,208	6,819,320	9,800,798
Fertilizers	1900	22	10,505,043	1,772	479,449	675,589	3,107,710	4,882,506
	1890	20	5,920,218	1,102	386,385	490,335	2,754,407	4,417,658
Flouring and grist mill products	1900	556	652,553	281	70,458	15,742	1,958,658	2,347,790
	1890	512	984,791	630	86,416	31,854	1,726,896	2,083,126
Lumber and timber products	1900	729	5,187,727	4,585	897,899	107,445	2,629,805	5,207,184
	1890	352	1,848,155	2,590	420,588	93,717	996,289	2,146,750
Lumber, planing mill products, including sash, doors, and blinds	1900	53	412,128	495	146,539	20,042	621,831	1,016,328
	1890	27	350,471	370	132,017	16,606	396,242	711,838
Oil, cottonseed and cake	1900	50	1,959,872	734	143,932	127,462	2,362,837	3,103,425
	1890	17	565,372	416	56,354	59,136	740,605	927,772
Rice, cleaning and polishing	1900	18	293,385	112	25,243	9,862	856,790	973,132
	1890	6	354,400	143	37,700	26,767	190,800	315,056
Turpentine and rosin	1900	132	268,719	886	135,575	8,297	471,261	787,656
	1890	201	605,873	2,243	378,768	32,056	677,383	1,524,100

Table 3 shows that the manufacture of cotton goods is the most important industry in the state. The 80 establishments reported in 1900 gave employment to 30,201 wage-earners, or 62.7 per cent of the wage-earners employed in the state, and the products were valued at $29,723,919, or 50.6 per cent of the total value of the products of the state. In 1890 there were 34 establishments, 8,071 wage-earners, and products valued at $9,800,798. The increase in the value of products during the decade was $19,923,121, or 203.3 per cent.

Cotton manufacturing in South Carolina dates back nearly to the colonial period, but it is only during the last two decades that the remarkable advantages of the state for this industry have been demonstrated. A factory for weaving cotton homespun was established at Murray's Ferry, in Williamsburg county, by Scotch-Irish settlers, some years previous to 1790.[1] In 1860 there were 17 mills in the state, with products valued at $713,050; in 1870 there were 12 mills, with products valued at $1,529,937; and in 1880 the number of mills had increased to 14 and the value of products to $2,895,769. In the value of its cotton-mill products South Carolina, in 1870, 1880, and 1890, ranked second among the Southern states, Georgia ranking first, and among all the states in 1900 became second only to Massachusetts. During the decade from 1890 to 1900, the absolute increase in the value of its cotton-mill products was greater than that of any other state. As a rule, only the coarser grades of cotton goods are manufactured, and large quantities have been exported to China in recent years. A beginning has been made in the construction of mills which will gin the cotton, crush the seed, extract the oil, and manufacture the fiber into cloth. A plant of this kind, having a spinning capacity of 3,000 bales of cotton a year, has been erected at Edgefield. Three causes have contributed to the remarkable growth in the manufacture of cotton goods in South Carolina: abundant waterpower, low cost of living, and accessibility to the raw material. The superiority, in each of these particulars, of the Piedmont region, in the central and western parts of the state, has led to the construction in that section of the largest number of mills—Columbia, Union, Pelzer, Anderson, and Clifton being important centers. There were 876,545 commercial bales of cotton grown in South Carolina during the year 1899,[2] while the consumption of the local mills during the census year 1899–1900 was 485,024 bales. In spite of this large surplus in excess of local consumption, 119,100 bales of cotton were brought into the state during the census year, for the use of its mills, from North Carolina, Georgia, Alabama, and Mississippi.[3]

The manufacture of lumber and timber products ranks second among the industries of the state, with 729 establishments, 4,585 wage-earners, and products valued at $5,207,184. In 1890 there were 352 establishments, 2,590 wage-earners, and products valued at $2,146,750. The increase in the value of products during the decade was $3,060,434, or 142.6 per cent. Lumbering has always been an important industry in South Carolina. The state includes a part of the great longleaf pine forest of the South. Cypress, which ranks second in importance, is found chiefly in marshes and waste places, where it attains

[1] South Carolina, Resources, Population, Institutions, and industries, page 574.

[2] See special report on Cotton Ginning, 1899.

[3] Department of Agriculture: The Cotton Crop of 1899–1900 page 19.

great size. Staves were for years the leading export.[1] During the census year the lumber industry was carried on largely in Berkeley, Lexington, Darlington, and Williamsburg counties, in the eastern and central parts of the state.

There were 22 establishments engaged in the manufacture of fertilizers in 1900, the industry third in rank, with 1,772 wage-earners, and products valued at $4,882,506. In 1890 there were 20 establishments, 1,102 wage-earners, and products valued at $4,417,658. The increase in the value of products during the decade was $464,848, or 10.5 per cent. The phosphate rock of South Carolina has long been famous; it was discovered in 1837 by Prof. Francis S. Holmes, who, however, was not able to demonstrate its value until 1867.[2] The first phosphate mining and manufacturing company was formed in that year, and for over twenty years the state was the chief source of the world's supply. In 1888 phosphate rock was discovered in Florida,[3] and the production there in 1899 was more than double that of South Carolina.[4] But South Carolina's large production of cottonseed meal, which is often combined with ground phosphate rock, and the large local demand for fertilizers in the growing of cotton, have enabled its fertilizer industry to hold its own.

There were 50 establishments engaged in the manufacture of cottonseed oil and cake in 1900, with 734 wage-earners, and products valued at $3,103,425. In 1890 there were 17 establishments, 416 wage-earners, and products valued at $927,772. The increase in the value of products during the decade was $2,175,653, or 234.5 per cent. This industry appeared in 1890 for the first time in the manufacturing statistics of South Carolina. In 1880 cottonseed was used almost exclusively as a fertilizer, but by 1883, 3 mills for the extraction of oil from the seed had been built, and the price of the seed rose from 10 or 12 cents per bushel to 18 cents.[5] The industry has developed extensively, although, of the 418,553 tons of seed grown in the state during the census year, 156,642 tons, or only 37.4 per cent, were crushed for oil extraction. Much of the seed which does not reach the oil mill is still used as a fertilizer.

There were 556 establishments engaged in the manufacture of flouring and grist mill products in 1900, with 281 wage-earners, and products valued at $2,347,790. In 1890 there were 512 establishments, 630 wage-earners, and products valued at $2,083,126. The increase in the value of products during the decade was $264,664, or 12.7 per cent. There were 3 merchant mills in South Carolina before the year 1800, located on Pinetree Creek. One of these had a daily capacity of 50 barrels of flour.[6] In 1870 and 1880 flour and grist milling was the leading industry in the state, using, in the latter year, nearly one-half of the waterpower developed for manufacturing purposes, and reporting products valued at $3,779,470. The industry has declined, and the production is no longer sufficient for local needs, Charleston being principally dependent upon the West for its supply of flour.[7]

There were 53 establishments engaged in the manufacture of planing mill products in 1900, with 495 wage-earners, and products valued at $1,016,328. In 1890 there were 27 establishments, 370 wage-earners, and products valued at $711,838. The increase in the value of products during the decade was $304,490, or 42.8 per cent.

There were 18 establishments engaged in the cleaning and polishing of rice in 1900, with 112 wage-earners, and products valued at $973,132. In 1890 there were 6 establishments, 143 wage-earners, and products valued at $315,056. The increase in the value of products during the decade was $658,076, or 208.9 per cent. More rice is grown on the extensive tidal marshes of South Carolina than in any other state, Louisiana excepted.[8] Rice culture began in South Carolina in 1694, the seed having been brought from Madagascar.[9] Rice, when gathered, is covered with a thick hull. This is broken off by pounding, and the fine powder which remains attached to the grains is removed by means of rotary brushes.[10] The power machines invented for this purpose in South Carolina have served as models, it is said, for the machines now used in this industry the world over.[11]

There were 132 establishments engaged in the manufacture of turpentine and rosin in 1900, with 886 wage-earners, and products valued at $787,656. In 1890 there were 201 establishments, 2,243 wage-earners, and products valued at $1,524,100. The decrease in the value of products during the decade was $736,444, or 48.3 per cent. This decrease is due to the partial exhaustion of the forests. The value of products reported in 1900 is only slightly greater than that shown for 1870.

Table 4 shows the totals for the manufacturing and mechanical industries of the city of Charleston, as returned at the censuses of 1880, 1890, and 1900, with the percentages of increase.

[1] Charleston, Her Commercial and Manufacturing Advantages, by J. E. Land, page 34.
[2] Ibid., page 62.
[3] United States Geological Survey: Mineral Resources of the United States, 1899; Nonmetallic Products, except Coal and Coke, page 484.
[4] Ibid., page 482.
[5] South Carolina, Resources, Population, Institutions, and Industries, page 597.
[6] South Carolina, Resources, Population, Institutions, and Industries, page 574.
[7] Charleston, Her Commercial and Manufacturing Advantages, page 33.
[8] Department of Agriculture, Division of Botany, Bulletin No. 22, 1899, page 9.
[9] Ibid., page 8.
[10] Ibid., page 34.
[11] South Carolina, Resources, Population, Institutions, and Industries, page 574.

TABLE 4.—COMPARATIVE SUMMARY, CHARLESTON, 1880, 1890, AND 1900, WITH PER CENT OF INCREASE.

	DATE OF CENSUS.			PER CENT OF INCREASE.	
	1900	1890	1880	1890 to 1900	1880 to 1890
Number of establishments	364	566	194	[1]35.7	191.8
Capital	$12,473,187	$7,345,459	$1,718,300	69.8	327.5
Wage-earners, average number	5,027	4,684	2,146	7.3	118.3
Total wages	$1,489,966	$1,779,789	$639,030	[1]16.3	178.5
Miscellaneous expenses	$796,573	$464,172	([2])	71.6	-------
Cost of materials used	$5,633,578	$4,753,396	$1,468,375	18.5	223.7
Value of products, including custom work and repairing	$9,562,387	$9,005,421	$2,732,590	6.2	229.6

[1] Decrease. [2] Not reported.

It appears from Table 4 that the number of establishments in the city of Charleston decreased during the decade ending with 1900 from 566 to 364, or 35.7 per cent, while the average number of wage-earners increased from 4,684 to 5,027, or 7.3 per cent, and the value of products increased from $9,005,421 to $9,562,387, or 6.2 per cent. The number of establishments, number of wage-earners, and value of products, in this city in 1900, constituted 9.7, 10.4, and 16.3 per cent, respectively, of the totals for the state.

Table 5 presents the totals for the manufacturing industries of the 12 cities and towns withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and towns, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	PRODUCTS.			POPULATION.		
				Average number.	Total wages.			Value.	Rank.	Per cent of total.	Total.	Rank.	Per cent of total.
Total for state	3,762	$67,356,465	4,088	48,135	$9,455,900	$3,111,587	$34,027,795	$58,748,731	-------	100.0	1,340,316	-------	100.0
Total for urban manufactures	836	27,770,884	856	16,231	3,761,380	1,592,991	13,521,451	23,014,527	-------	39.2	136,514	-------	10.2
Anderson	52	1,280,111	65	910	166,313	58,753	637,879	1,127,483	6	1.9	5,498	6	0.4
Beaufort	18	34,331	18	29	6,833	2,146	21,894	46,981	12	0.1	4,110	10	0.3
Camden	26	304,289	26	349	61,769	25,845	125,826	241,632	11	0.4	2,441	12	0.2
Charleston	364	12,473,187	363	5,027	1,489,966	796,573	5,633,578	9,562,387	1	16.3	55,807	1	4.2
Chester	26	480,624	31	584	114,108	41,367	376,980	645,444	8	1.1	4,075	11	0.3
Columbia	92	5,277,306	89	3,250	759,200	330,626	2,474,628	4,243,030	2	7.2	21,108	2	1.6
Greenville	54	2,858,388	65	2,153	370,392	94,417	1,414,574	2,224,990	3	3.8	11,860	3	0.9
Newberry	34	1,336,625	32	811	175,178	91,724	640,204	1,200,892	5	2.1	4,607	8	0.3
Orangeburg	34	239,635	37	284	65,486	15,303	313,582	493,860	10	0.8	4,455	9	0.3
Rock Hill	29	826,941	25	1,050	197,080	28,827	566,703	1,007,216	7	1.7	5,485	7	0.4
Spartanburg	45	2,351,175	48	1,375	276,042	83,721	923,217	1,630,275	4	2.8	11,395	4	0.9
Sumter	52	308,272	57	409	79,013	23,689	392,386	590,337	9	1.0	5,673	5	0.4
Total for state exclusive of urban manufactures	2,926	39,585,581	3,232	31,904	5,694,520	1,518,596	20,506,344	35,734,204	-------	60.8	1,203,802	-------	89.8
Per cent of urban manufactures to total for state	22.2	41.2	20.9	33.7	39.8	51.2	39.7	39.2	-------	-------	10.2	-------	-------

Of the 3,762 establishments in the state, 836, or 22.2 per cent, were located in these 12 cities and towns. The capital reported for these establishments was $27,770,884, or 41.2 per cent of that for the entire state. They furnished employment to 16,231 wage-earners, or 33.7 per cent of the total number, and the value of their products, $23,014,527, formed 39.2 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Charleston and Columbia by specified industries.

Table 9 shows the totals for all industries in the cities and towns withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	3,762	$67,356,465	$3,448,643	$11,867,770	$26,096,931	$25,943,121	4,088	1,525	$1,327,052	48,135	$9,455,900
2	Abbeville	82	963,924	33,613	221,218	458,117	250,976	88	27	18,725	637	147,417
3	Aiken	85	3,559,745	156,138	1,024,372	1,360,352	1,018,883	95	34	48,713	2,498	487,303
4	Anderson	167	3,622,904	88,863	507,551	1,719,712	1,306,778	177	77	64,740	3,396	603,360
5	Bamberg	36	295,931	18,150	41,858	188,268	47,655	34	6	4,600	304	52,148
6	Barnwell	106	331,824	103,652	39,742	138,684	49,746	113	12	4,018	389	60,135
7	Beaufort	41	1,138,332	16,230	111,316	77,874	932,912	44	29	34,250	443	91,812
8	Berkeley	53	575,780	88,127	27,260	147,450	312,943	55	33	16,657	333	87,916
9	Charleston	417	13,217,940	643,578	2,129,296	1,980,286	8,464,780	428	279	292,696	5,239	1,525,461
10	Cherokee	48	2,374,358	81,639	379,926	1,118,858	793,935	45	43	44,728	1,579	284,090
11	Chester	75	647,554	32,022	123,101	297,745	194,686	88	29	15,100	802	150,481
12	Chesterfield	72	115,752	30,037	12,078	57,490	16,147	88	3	860	126	19,943
13	Clarendon	56	503,068	44,375	140,983	171,590	146,120	57	31	23,373	289	67,263
14	Colleton	69	732,890	52,864	110,418	234,315	335,293	88	20	12,120	475	74,034
15	Darlington	67	1,471,839	177,981	197,231	573,527	523,100	70	33	29,485	797	139,213
16	Dorchester	38	115,490	21,065	8,545	47,580	38,300	47	11	5,075	309	63,113
17	Edgefield	50	223,734	10,233	52,811	110,233	50,457	51	7	5,432	253	54,244
18	Fairfield	39	461,121	92,122	61,811	234,745	72,443	45	11	9,292	343	64,958
19	Florence	81	274,203	35,730	45,030	125,130	68,313	93	27	14,895	492	126,890
20	Georgetown	34	587,079	174,395	47,880	177,278	187,526	39	20	19,960	351	65,840
21	Greenville	182	4,698,325	164,560	838,560	2,032,890	1,662,315	187	99	98,887	4,277	684,304
22	Greenwood	76	957,473	26,790	194,205	501,574	234,904	87	29	20,213	722	137,456
23	Hampton	55	173,800	44,104	16,138	86,288	27,270	69	15	6,875	415	81,322
24	Horry	72	245,178	83,218	21,593	76,304	64,063	71	26	10,664	215	48,599
25	Kershaw	83	439,047	79,692	73,210	198,236	87,909	102	12	6,122	598	117,074
26	Lancaster	41	358,821	10,950	73,315	204,336	70,220	50	6	5,740	472	77,946
27	Laurens	90	540,566	32,746	110,673	288,538	108,609	121	38	26,580	1,066	188,511
28	Lexington	154	1,271,491	175,288	163,014	577,842	355,347	175	25	14,075	908	173,648
29	Marion	85	238,949	19,948	37,335	141,963	39,703	86	22	10,790	408	75,962
30	Marlboro	112	1,129,980	45,158	170,118	624,813	289,891	111	31	16,539	1,217	169,403
31	Newberry	86	1,416,868	82,888	276,353	422,545	685,082	95	31	20,540	891	187,529
32	Oconee	133	902,145	27,970	230,916	406,553	236,706	138	28	17,237	931	144,168
33	Orangeburg	171	495,347	73,386	63,888	222,995	135,078	184	21	12,180	583	110,571
34	Pickens	87	390,476	22,245	90,724	196,280	81,227	102	14	7,735	411	73,156
35	Richland	130	5,422,615	174,140	1,028,865	2,554,237	1,665,373	132	96	114,392	8,479	813,039
36	Saluda	26	61,690	5,930	8,685	31,720	15,355	30	4	1,800	60	9,585
37	Spartanburg	178	11,059,468	285,233	2,078,846	5,184,333	3,511,056	184	138	149,598	7,176	1,277,065
38	Sumter	143	502,114	29,215	62,067	307,582	103,250	159	32	18,265	647	134,299
39	Union	51	3,287,134	44,610	601,835	1,591,479	1,049,210	50	36	42,643	1,786	310,128
40	Williamsburg	83	421,825	137,539	36,947	162,338	85,001	97	27	14,541	483	83,315
41	York	108	2,129,685	32,219	408,056	1,064,851	624,559	112	63	46,967	2,285	393,199

TABLE 7.—MANUFACTURES BY

1	All industries	3,762	$67,356,465	$3,448,643	$11,867,770	$26,096,931	$25,943,121	4,088	1,525	$1,327,052	48,135	$9,455,900
2	Agricultural implements	5	14,575	450	1,750	2,975	9,400	7	-------	-------	10	2,606
3	Awnings, tents, and sails	3	1,750	-------	-------	410	1,340	3	-------	-------	2	1,280
4	Baskets, and rattan and willow ware	4	105,700	15,000	24,759	6,390	59,551	2	10	9,486	203	22,126
5	Bicycle and tricycle repairing	43	50,588	4,650	7,700	15,850	22,388	54	4	1,250	58	15,921
6	Blacksmithing and wheelwrighting	316	179,305	31,247	29,158	42,060	76,840	360	-------	-------	293	69,287
7	Boots and shoes, custom work and repairing.	81	30,517	3,730	3,690	7,427	15,670	83	-------	-------	42	10,263
8	Bottling	3	25,300	1,500	1,300	8,000	14,500	3	1	500	24	9,800
9	Bread and other bakery products	35	285,218	47,250	89,050	24,155	124,763	39	27	12,446	246	75,983
10	Brick and tile	76	340,960	42,680	50,130	106,961	141,189	107	41	19,606	1,145	241,106
11	Carpentering	40	124,765	7,950	13,735	31,280	71,800	40	10	5,270	549	185,757
12	Carriages and wagons	59	317,550	72,597	52,316	30,572	162,065	61	15	12,780	356	95,950
13	Cars and general shop construction and repairs by steam railroad companies.	6	354,842	24,050	86,833	78,903	165,056	-------	27	21,379	776	163,041
14	Clothing, men's, custom work and repairing.	43	69,510	10,300	14,800	6,006	38,404	48	3	3,600	113	48,266
15	Clothing, men's, factory product	5	128,000	1,000	500	8,000	118,500	7	12	5,117	176	37,401
16	Clothing, women's, dressmaking	36	20,375	3,800	4,700	4,145	7,730	39	-------	-------	113	17,149
17	Coffins, burial cases, and undertakers' goods.	3	72,028	4,000	7,983	10,695	49,350	4	4	3,600	58	14,460
18	Confectionery	7	14,170	1,000	2,500	3,320	7,350	8	-------	-------	12	2,208
19	Cooperage	15	140,549	10,520	21,505	50,910	57,614	13	6	9,120	134	30,350
20	Cotton, compressing	3	274,000	47,000	104,000	77,000	46,000	-------	1	1,000	55	15,512
21	Cotton, ginning [1]	670	968,658	31,019	179,723	745,091	12,825	775	86	6,695	879	122,778
22	Cotton goods	80	39,258,946	805,742	7,705,755	18,748,418	11,999,031	5	415	537,193	30,201	5,066,840
23	Dyeing and cleaning	6	9,585	-------	-------	4,100	5,485	6	-------	-------	8	2,740
24	Fertilizers	22	10,505,043	109,441	1,642,600	487,117	8,265,885	5	85	164,716	1,772	479,449
25	Flouring and grist mill products	556	652,553	50,195	153,614	383,934	64,810	531	22	8,843	281	70,458
26	Foundry and machine shop products	26	316,166	41,300	42,500	114,441	117,925	27	18	17,316	324	141,283

[1] Does not include many ginneries operated in connection with saw, grist, and cottonseed-oil mills, or for the use exclusively of plantations on which they are located. For the full number of ginneries in operation reference should be made to the special report on cotton ginning.

BY COUNTIES: 1900.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
29,823	$6,921,355	9,752	$1,685,139	8,560	$849,406	$3,111,587	$141,258	$391,065	$2,465,245	$114,019	$34,027,795	$32,924,236	$1,103,559	$58,748,731	1
384	114,906	118	23,220	135	9,291	36,954	1,993	3,686	31,045	230	504,502	486,137	18,365	834,508	2
1,438	295,421	732	132,966	328	58,916	122,336	4,861	20,783	96,683	9	1,563,492	1,509,068	54,424	2,996,274	3
1,709	360,384	827	153,265	860	89,711	200,287	5,553	21,765	171,119	1,850	2,306,962	2,230,325	76,637	4,005,526	4
194	37,301	55	9,244	55	5,603	8,509	483	2,472	5,442	112	134,161	124,056	10,105	284,611	5
328	51,535	34	5,740	27	2,860	13,865	1,503	1,832	10,130	400	244,919	238,245	6,674	432,192	6
405	89,147	30	1,865	8	800	83,149	1,591	9,529	72,029	----------	389,403	371,271	18,132	703,957	7
380	87,736	----------	----------	3	180	22,743	1,130	1,536	20,077	----------	280,752	279,690	1,062	559,182	8
4,215	1,374,117	804	135,087	220	16,257	801,963	45,886	86,612	658,094	11,371	5,693,011	5,555,137	137,874	9,714,495	9
790	193,026	339	54,341	450	36,723	113,762	3,293	21,020	89,449	----------	819,759	763,740	56,019	1,588,258	10
487	107,023	187	31,065	128	12,393	44,665	1,229	5,562	37,874	----------	585,672	557,885	27,787	955,075	11
124	19,783	----------	----------	2	160	2,238	753	572	913	----------	120,718	119,721	997	188,089	12
238	55,971	23	7,932	28	3,360	7,972	164	2,598	5,210	----------	179,057	176,314	2,743	365,948	13
392	66,292	34	4,711	49	3,031	34,938	499	4,302	30,137	----------	326,213	320,575	5,638	523,565	14
554	115,437	111	13,794	132	9,982	39,735	1,316	6,349	23,070	9,000	675,069	639,283	35,786	1,181,608	15
304	62,598	1	150	4	365	4,117	930	752	2,375	60	105,427	98,542	6,885	230,549	16
177	40,361	53	10,026	23	3,857	6,724	675	1,453	4,421	175	177,672	167,507	10,165	291,684	17
237	46,220	39	8,738	67	10,000	8,330	332	1,763	6,235	----------	143,888	135,048	8,840	291,128	18
458	124,350	33	2,500	1	40	11,748	1,423	2,379	7,946	----------	323,244	316,451	6,793	578,322	19
282	59,930	44	3,940	25	1,970	10,126	349	1,682	8,095	----------	367,283	363,667	3,616	571,539	20
2,266	441,313	1,041	159,051	970	83,940	199,111	6,942	23,270	165,049	3,850	2,836,730	2,770,370	66,360	4,559,329	21
419	87,588	155	35,798	148	14,070	30,350	1,776	6,356	21,608	610	510,836	487,730	23,106	941,396	22
407	80,704	----------	----------	8	618	3,714	449	1,146	2,119	----------	179,251	178,076	1,175	373,801	23
201	46,654	----------	----------	14	1,945	3,700	504	1,117	1,829	250	204,001	201,740	2,261	356,060	24
515	103,104	49	8,123	34	5,847	28,934	1,341	2,640	24,688	265	357,540	346,322	11,218	634,688	25
211	44,041	108	17,100	153	16,805	21,391	410	2,109	18,412	460	267,816	258,377	9,439	471,250	26
616	100,659	198	55,648	252	32,204	44,214	4,973	4,905	34,336	----------	546,694	518,518	28,176	1,027,478	27
716	153,416	79	10,757	113	9,475	19,587	1,347	2,210	15,160	870	505,507	480,674	24,833	923,571	28
316	62,875	20	4,217	72	8,870	9,938	794	1,899	7,145	100	244,481	234,689	9,792	419,466	29
591	103,284	393	50,409	233	15,710	36,498	2,717	3,658	30,123	----------	688,149	659,150	28,999	1,065,285	30
535	114,743	206	53,484	150	19,302	92,813	3,478	9,151	80,184	----------	731,812	704,618	27,194	1,339,455	31
576	100,270	206	34,607	149	9,291	28,116	820	3,886	23,410	----------	389,519	383,328	6,191	775,158	32
497	96,221	47	9,550	39	4,800	20,565	2,553	4,455	13,557	----------	455,677	443,749	11,928	836,167	33
265	52,877	78	12,390	68	7,889	23,520	1,000	1,729	20,766	25	239,755	231,709	8,046	435,644	34
2,367	651,448	569	112,032	543	49,559	348,872	21,486	25,050	250,086	52,250	2,545,571	2,441,868	103,703	4,454,991	35
55	8,870	3	620	2	95	2,075	53	307	1,715	----------	55,593	53,918	1,675	88,605	36
3,408	755,855	1,894	328,201	1,874	193,009	392,183	4,011	62,529	293,771	31,872	5,276,811	5,152,488	124,323	8,308,778	37
567	121,850	58	10,429	22	2,020	29,786	6,885	2,973	19,678	250	558,598	541,921	16,677	922,236	38
636	174,263	537	82,015	613	53,850	120,894	2,298	19,385	99,211	----------	1,034,748	995,008	39,742	1,976,397	39
470	82,065	----------	----------	13	1,250	19,902	935	5,370	13,597	----------	276,469	273,295	3,174	476,209	40
1,093	237,717	647	102,124	545	53,358	61,263	2,523	10,273	48,457	10	1,181,033	1,114,028	67,005	2,066,257	41

SPECIFIED INDUSTRIES: 1900.

29,823	$6,921,355	9,752	$1,685,139	8,560	$849,406	$3,111,587	$141,258	$391,065	$2,465,245	$114,019	$34,027,795	$32,924,236	$1,103,559	$58,748,731	1
10	2,606	----------	----------	----------	----------	931	300	31	600	----------	5,394	5,223	171	14,090	2
2	1,280	----------	----------	----------	----------	258	228	----------	30	----------	4,705	4,705	----------	8,400	3
188	21,100	----------	----------	15	1,026	13,504	1,635	1,040	10,829	----------	43,629	42,814	815	106,792	4
50	14,579	----------	----------	8	1,342	7,589	5,568	480	1,541	----------	51,815	50,956	859	117,289	5
280	68,457	----------	----------	13	830	13,376	8,778	1,893	2,600	105	108,225	99,239	8,986	359,431	6
36	10,037	----------	----------	6	226	6,426	4,658	688	1,055	25	26,437	25,899	538	84,059	7
24	9,800	----------	----------	----------	----------	1,313	800	363	150	----------	91,460	91,435	25	142,500	8
219	72,550	18	2,545	9	888	17,110	5,558	3,754	7,798	----------	323,390	318,264	5,126	524,908	9
1,085	235,294	5	563	55	5,249	25,162	7,474	3,095	13,893	700	131,615	17,784	113,831	573,438	10
545	185,507	1	100	3	150	30,639	2,284	1,284	1,871	25,200	513,408	512,535	873	863,387	11
331	91,650	7	2,000	18	2,300	15,995	2,118	2,540	11,328	9	211,039	207,247	3,792	428,082	12
774	362,681	2	360	----------	----------	12,555	----------	4,508	8,047	----------	294,334	286,099	8,235	691,361	13
101	40,966	7	1,851	5	449	6,958	3,982	636	1,990	350	68,384	67,266	1,118	173,659	14
15	6,250	158	30,668	3	483	14,656	1,720	865	1,500	10,571	186,889	186,529	360	306,250	15
2	468	97	15,995	14	686	4,372	3,002	310	1,060	----------	26,761	26,446	315	69,045	16
58	14,460	----------	----------	----------	----------	3,203	500	353	2,350	----------	33,115	31,790	1,325	63,725	17
2	824	7	1,184	3	200	2,035	1,756	208	71	----------	17,086	16,662	424	34,200	18
132	30,250	----------	----------	2	100	4,750	202	1,148	3,150	250	90,600	90,551	49	168,449	19
55	15,512	----------	----------	----------	----------	3,745	200	5,900	2,645	----------	3,675	775	2,900	46,000	20
870	121,693	7	935	2	150	16,393	1,573	5,966	8,854	----------	92,195	53,408	38,787	573,823	21
13,418	2,785,285	8,673	1,477,621	8,110	803,934	1,507,824	----------	206,355	1,267,597	33,872	17,263,882	16,652,680	611,202	29,723,919	22
7	2,240	1	500	----------	----------	1,177	328	122	227	----------	1,556	1,288	268	9,100	23
1,772	479,449	----------	----------	----------	----------	675,589	1,050	53,200	621,339	----------	3,107,710	3,018,924	88,786	4,882,506	24
281	70,458	----------	----------	----------	----------	15,742	2,094	5,427	8,161	60	1,958,658	1,943,070	15,588	2,347,790	25
320	140,313	----------	----------	4	470	16,758	2,326	2,935	11,497	----------	166,849	157,027	9,822	403,493	26

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
27	Fruits and vegetables, canning and preserving.	12	$23,862	$1,525	$2,075	$6,718	$13,544	13	6	$1,030	64	$7,410
28	Furniture, cabinetmaking, repairing, and upholstering.	25	20,929	3,300	7,300	2,800	7,529	29	1	600	26	6,797
29	Gas, illuminating and heating	4	961,033	42,000	81,067	664,237	173,729		23	11,649	104	30,127
30	Hosiery and knit goods	6	345,212	4,112	43,200	200,000	97,900	3	15	13,520	359	73,872
31	Ice, manufactured	13	407,400	25,225	102,550	241,000	38,625	7	13	10,182	73	23,781
32	Leather, tanned, curried, and finished	5	5,595	545	1,875	875	2,300	5			10	2,000
33	Liquors, distilled	22	20,893	503	2,355	13,250	4,785	22	1	500	31	4,792
34	Lock and gun smithing	13	29,625	10,320	10,885	2,620	5,800	14	1	950	11	4,509
35	Looking-glass and picture frames	3	13,850	5,000	3,000	3,350	2,500	4			4	1,314
36	Lumber and timber products	729	5,187,727	1,410,050	434,076	1,754,808	1,588,793	918	217	134,449	4,585	897,899
37	Lumber, planing mill products, including sash, doors, and blinds.	53	412,128	46,995	49,010	126,705	189,418	57	25	17,264	495	146,539
38	Marble and stone work	8	306,415	90,098	13,010	157,349	45,958	6	7	10,080	175	48,230
39	Mattresses and spring beds	9	63,507	1,350	9,150	12,407	40,600	5	15	8,516	64	14,586
40	Millinery, custom work	79	165,303	20,670	27,300	6,193	111,140	90	10	3,645	149	36,591
41	Mineral and soda waters	11	24,304	550	1,125	13,000	9,629	11	5	1,881	27	4,883
42	Monuments and tombstones	22	69,950	5,825	6,475	5,155	52,495	27	6	3,180	72	32,211
43	Oil, cottonseed and cake	50	1,959,872	66,767	369,601	877,784	645,720	18	162	108,798	734	143,932
44	Painting, house, sign, etc	17	14,390	1,000	3,250	2,720	7,420	17			93	22,705
45	Patent medicines and compounds	4	14,850	50	500	5,415	8,885	2	2	2,000	9	2,150
46	Photography	30	39,885	250	1,600	18,605	19,430	31			33	12,850
47	Plumbing, and gas and steam fitting	16	48,655	8,700	8,100	9,325	22,530	20			87	29,395
48	Pottery, terra cotta, and fire-clay products.	10	25,751	7,350	8,185	5,740	4,476	12	2	840	46	10,000
49	Printing and publishing, book and job	22	245,308	5,800	4,200	137,570	97,738	26	28	19,690	212	79,265
50	Printing and publishing, newspapers and periodicals.	98	434,255	22,550	37,550	226,582	147,573	99	56	42,631	413	156,924
51	Rice, cleaning and polishing	18	293,385	46,012	97,958	51,090	98,325	22	18	15,762	112	25,243
52	Roofing and roofing materials	5	6,112	1,200	1,500	1,947	1,465	5	1	600	29	10,791
53	Saddlery and harness	24	54,097	4,950	8,875	9,720	30,552	24	2	970	42	17,923
54	Sugar and molasses, refining	22	2,363	153	379	1,827	4	24			11	1,820
55	Tinsmithing, coppersmithing, and sheet-iron working.	40	113,473	11,100	17,550	24,360	60,463	48	12	5,825	146	56,992
56	Tobacco, cigars and cigarettes	6	12,510	1,500	1,700	1,710	7,600	6	1	900	29	9,400
57	Turpentine and rosin	132	268,719	94,997	13,945	55,996	103,781	171	36	8,291	886	135,575
58	Watch, clock, and jewelry repairing	66	74,510	9,850	13,400	22,895	28,365	73			47	17,600
59	Wood, turned and carved	4	8,175	475	1,300	4,300	2,100	4	2	800	21	3,028
60	All other industries[1]	41	1,421,769	131,450	243,123	430,718	616,478	38	71	62,582	1,106	247,752

[1] Embraces bags, other than paper, 1; boxes, wooden packing, 1; brooms and brushes, 2; carpets and rugs, other than rag, 1; clothing, women's, factory product, 1; electrical apparatus and supplies, 1; electrical construction and repairs, 2; electroplating, 1; engraving and diesinking, 1; fancy articles, not elsewhere specified, 1; fish, canning and preserving, 1; furnishing goods, men's, 2; hairwork, 1; hand stamps, 1; ironwork, architectural and ornamental, 2; jute and jute goods, 1; lead,

TABLE 8.—MANUFACTURES IN CITIES

CHARLESTON.

1	All industries	364	$12,473,187	$515,003	$2,047,951	$1,822,032	$8,088,201	363	268	$291,148	5,027	$1,489,966
2	Awnings, tents, and sails	3	1,750			410	1,340	3			2	1,280
3	Baskets, and rattan and willow ware	3	101,100	15,000	24,759	2,390	58,951	1	10	9,486	193	21,526
4	Bicycle and tricycle repairing	10	9,100	100	400	3,100	5,500	12	3	750	21	6,387
5	Blacksmithing and wheelwrighting	25	40,020	9,300	5,050	5,680	19,990	26			79	23,917
6	Boots and shoes, custom work and repairing.	47	20,497	3,000	3,000	3,357	11,140	47			17	4,546
7	Bread and other bakery products	25	246,140	33,150	73,450	21,875	117,665	29	26	12,296	212	64,718
8	Carpentering	11	27,690	5,500	7,500	4,630	10,060	12	4	1,470	136	75,050
9	Clothing, men's, custom work and repairing.	18	36,400	2,500	6,500	2,415	24,985	21	3	3,600	67	29,720
10	Clothing, men's, factory product	5	128,000	1,000	500	8,000	118,500	7	12	5,117	176	37,401
11	Clothing, women's, dressmaking	28	18,250	3,800	4,700	2,545	7,205	29			34	11,497
12	Confectionery	4	6,570	1,000	2,500	1,920	1,150	4			7	1,400
13	Cooperage	5	134,179	10,000	20,000	50,165	54,014	4	5	8,520	109	25,150
14	Dyeing and cleaning	3	9,100			3,900	5,200	3			7	2,500
15	Fertilizers	11	7,868,639	76,500	1,239,350	298,700	6,254,089		56	118,164	1,353	370,678
16	Foundry and machine shop products	4	179,258	12,500	19,200	64,541	83,017	1	10	13,062	167	88,400
17	Furniture, cabinetmaking, repairing, and upholstering.	12	5,365	800	800	1,190	2,575	13			14	3,336
18	Lock and gun smithing	6	16,400	4,000	6,500	1,450	4,450	6	1	950	8	2,865
19	Lumber and timber products	4	238,740	40,000	19,000	21,500	153,240	1	13	12,850	142	44,050
20	Lumber, planing mill products, including sash, doors, and blinds	6	88,425	9,000	15,000	27,200	37,225	6	7	4,864	103	41,564
21	Mattresses and spring beds	3	10,505		3,000	5,305	2,200	2	3	1,416	8	2,036
22	Millinery, custom work	14	29,165	1,000	500	915	26,750	17			53	11,344
23	Monuments and tombstones	5	35,050	3,500	3,500	3,250	24,800	5	1	1,000	32	18,800
24	Painting, house, sign, etc	9	11,920	800	2,800	2,160	6,160	9			59	15,984
25	Photography	4	21,000			8,000	13,000	4			12	7,050

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
15	$2,625	27	$2,835	22	$1,950	$503		$185	$318		$15,169	$14,879	$290	$28,565	27
23	6,637	2	110	1	50	2,052	$1,430	182	440		11,097	10,821	276	34,189	28
104	30,127					45,792	6,802	10,626	28,364		38,440	37,725	715	172,005	29
73	25,200	158	32,792	128	15,880	38,887	25	1,162	11,100	$26,600	237,622	233,300	4,322	392,237	30
73	23,781					18,225	460	3,107	14,658		37,327	12,322	25,005	116,357	31
10	2,000					525		100	425		12,743	12,716	27	18,387	32
31	4,792					54,121	16	97	54,008		31,285	28,226	3,059	105,788	33
10	4,484			1	25	1,671	484	350	827	10	6,845	6,677	168	22,908	34
4	1,314					615	250	265	100		4,973	4,973		9,467	35
4,545	893,686	4	300	36	8,913	107,445	5,732	22,354	79,259	100	2,629,805	2,628,525	1,280	5,207,184	36
481	145,295			14	1,244	20,042	3,657	3,131	11,514	1,740	621,831	616,625	5,206	1,016,328	37
175	48,230					17,034	320	1,484	15,230		9,860	5,795	4,065	124,152	38
49	12,778	5	933	10	875	3,480	715	320	2,445		62,099	61,359	740	122,847	39
1	350	144	36,031	4	210	13,785	9,364	1,488	2,933		157,681	157,057	624	304,749	40
26	4,783			1	100	5,754	4,530	241	983		20,196	20,075	121	45,479	41
71	31,911	1	300			3,948	1,569	644	1,735		50,229	49,923	306	120,090	42
733	143,682	1	250			127,462	600	14,568	102,529	9,765	2,362,837	2,284,208	78,629	3,103,425	43
93	22,705					2,103	1,111	128	614	250	22,418	22,403	15	58,740	44
9	2,150					1,572	480	82	950	60	9,880	9,350	530	21,793	45
24	10,238	9	2,612			7,097	3,703	531	2,763	100	18,873	18,505	368	67,382	46
84	29,191			3	204	3,746	2,055	561	1,130		62,170	61,557	613	118,736	47
45	9,800			1	200	1,162	167	110	710	175	5,371	1,978	3,393	23,255	48
168	71,002	44	8,263			15,302	5,644	1,836	7,822		89,790	86,249	3,541	278,547	49
368	149,400	27	6,128	18	1,396	40,367	9,290	3,631	24,901	2,545	97,776	91,370	6,406	510,529	50
112	25,243					9,862	235	4,785	4,842		856,790	850,423	6,367	973,132	51
28	10,716			1	75	759	548	154	57		11,949	11,885	64	32,150	52
42	17,923					3,961	2,605	364	992		58,815	58,476	339	124,175	53
11	1,820					18	1	12	5		9,492	8,951	541	13,677	54
138	56,120			8	872	9,458	5,015	1,454	2,689	300	128,583	127,551	1,032	265,945	55
25	8,400	3	800	1	200	4,614	565	242	3,807		9,647	9,572	75	31,550	56
867	133,650	18	1,805	1	120	8,297	2,210	1,389	4,073	625	471,261	464,469	6,792	787,656	57
43	17,219	1	150	3	231	10,713	6,257	1,109	2,852	495	19,214	18,497	717	95,407	58
21	3,028					436	12	92	220	112	4,852	4,137	715	18,775	59
744	186,866	325	57,508	37	3,378	107,719	6,772	11,180	89,767		1,018,064	985,041	33,023	1,667,429	60

bar, pipe, and sheet, 1; lime and cement, 1; liquors, malt, 1; masonry, brick and stone, 2; oysters, canning and preserving, 1; paper and wood pulp, 1; paper goods, not elsewhere specified, 1; perfumery and cosmetics, 1; sausage, 2; sewing machine repairing, 2; ship and boat building, wooden, 2; slaughtering, wholesale, not including meat packing, 1; soap and candles, 1; tobacco, stemming and rehandling, 1; umbrellas and canes, 1; upholstering materials, 1; woolen goods, 1.

BY SPECIFIED INDUSTRIES: 1900.

CHARLESTON.

4,017	$1,340,062	790	$133,647	220	$16,257	$796,573	$45,787	$85,226	$654,329	$11,231	$5,633,578	$5,499,100	$134,478	$9,562,387	1
2	1,280					258	228		30		4,705	4,705		8,400	2
178	20,500			15	1,026	13,134	1,335	990	10,809		42,504	41,724	780	104,432	3
15	5,325			6	1,062	2,928	2,036	187	705		14,381	14,080	301	37,600	4
72	23,346			7	571	3,703	2,208	624	871		22,824	21,634	1,190	76,873	5
11	4,320			6	226	4,834	3,306	548	980		13,652	13,273	379	48,912	6
191	62,216	13	1,645	8	852	14,434	3,868	3,406	7,160		289,890	285,506	4,384	462,993	7
132	74,800	1	100	3	150	1,850	460	825	565		92,308	92,213	95	190,600	8
63	29,320			4	400	4,181	2,104	454	1,273	350	44,828	44,425	403	115,421	9
15	6,250	158	30,668	3	483	14,656	1,720	865	1,500	10,571	186,889	186,529	360	306,250	10
2	468	68	10,343	14	686	3,740	2,500	300	940		13,175	12,925	250	44,945	11
1	360	3	840	3	200	586	380	173	33		4,872	4,745	127	10,900	12
109	25,150					4,361	176	1,103	3,082		72,695	72,660	35	135,024	13
6	2,000	1	500			1,010	670	120	220		1,130	912	218	7,300	14
1,353	370,678					504,062	1,050	31,038	471,974		2,338,615	2,269,613	69,002	3,697,090	15
167	88,400					10,853	822	1,334	8,697		90,420	86,689	3,731	223,062	16
13	3,286			1	50	1,328	933	95	300		3,810	3,720	90	15,299	17
7	2,840			1	25	1,525	400	335	790		4,925	4,850	75	16,000	18
142	44,050					4,865	640	1,325	2,900		188,860	187,660	1,200	294,350	19
93	40,564			10	1,000	8,485	650	1,310	6,525		108,822	108,620	202	199,900	20
7	1,828	1	208			1,030	605	135	290		14,380	14,110	270	22,175	21
1	350	48	10,784	4	210	5,385	3,740	330	1,315		29,780	29,635	145	60,585	22
32	18,800					2,100	575	325	1,200		15,335	15,135	200	48,000	23
59	15,984					1,566	650	118	548	250	13,549	13,539	10	38,850	24
10	5,900	3	1,150			3,055	1,050	230	1,775		6,755	6,640	115	23,800	25

TABLE 8.—MANUFACTURES IN CITIES

CHARLESTON—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES AND TOWNS.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
26	Plumbing, and gas and steam fitting	7	$20,350	$4,700	$4,100	$1,850	$9,700	8			39	$15,592
27	Printing and publishing, book and job	7	182,417			103,080	79,337	6	22	$15,990	121	49,542
28	Printing and publishing, newspapers and periodicals.	6	89,700	12,000	19,000	36,700	22,000	10	11	11,218	80	49,769
29	Saddlery and harness	4	11,950	1,000	1,500	2,050	7,400	4			7	3,286
30	Tinsmithing, coppersmithing, and sheet-iron working.	15	56,425	6,500	12,000	9,300	28,625	17	6	3,200	81	35,542
31	Tobacco, cigars and cigarettes	4	9,410	1,500	1,700	1,510	4,700	4			17	5,600
32	Watch, clock, and jewelry repairing	14	18,950	1,100	1,700	5,000	11,150	19			15	5,815
33	All other industries[1]	42	2,805,722	255,753	549,942	1,117,944	882,083	33	75	67,195	1,605	413,626

[1] Embraces bags, other than paper, 1; bottling, 1; carriages and wagons, 2; cars and general shop construction and repairs by steam railroad companies, 1; clothing, women's, factory product, 1; cotton, compressing, 2; cotton goods, 1; electrical construction and repairs, 2; electroplating, 1; engraving and diesinking, 1; fancy articles, not elsewhere specified, 1; flouring and grist mill products, 2; furnishing goods, men's, 1; gas, illuminating and heating, 1; hairwork, 1; hand stamps, 1; ice, manufactured, 2; ironwork, architectural and ornamental, 1; jute and jute goods, 1; liquors, malt, 1; looking-glass and picture frames, 2; masonry, brick

COLUMBIA.

1	All industries	92	$5,277,306	$153,891	$1,017,150	$2,465,062	$1,641,203	89	87	$108,021	3,250	$759,200
2	Bicycle and tricycle repairing	5	4,125			2,575	1,550	7			14	3,655
3	Blacksmithing and wheelwrighting	10	5,685	625	575	2,285	2,200	12			16	3,819
4	Bread and other bakery products	3	15,950	5,250	4,600	750	5,350	3			20	8,108
5	Carpentering	6	35,350			7,650	27,700	5	3	2,700	213	45,643
6	Carriages and wagons	3	9,000	1,000	300	1,100	6,600	3			25	7,680
7	Clothing, men's, custom work and repairing.	7	26,268	7,500	8,000	2,162	8,606	8			26	8,725
8	Confectionery	3	7,600			1,400	6,200	4			5	808
9	Cotton goods	4	3,815,156	68,116	721,742	2,034,240	991,058		24	38,633	2,021	369,226
10	Foundry and machine shop products	3	53,450	20,000	11,000	10,500	11,950	3	1	780	54	20,210
11	Lumber, planing mill products, including sash, doors, and blinds.	3	28,050	400	100	9,350	18,200	7			20	4,368
12	Photography	3	4,675			2,450	2,225	3			7	2,312
13	Plumbing, and gas and steam fitting	3	4,050			1,650	2,400	5			16	5,360
14	Printing and publishing, book and job	6	17,190			7,240	9,950	4	5	3,100	61	20,550
15	Printing and publishing, newspapers and periodicals,	4	52,332			28,132	24,200	3	14	15,800	49	26,736
16	Watch, clock, and jewelry repairing	7	14,325	5,000	4,000	3,675	1,650	8			10	5,300
17	All other industries[1]	22	1,184,100	46,000	256,833	349,903	521,364	14	40	47,008	693	226,700

[1] Embraces brooms and brushes, 1; cars and general shop construction and repairs by steam railroad companies, 1; cotton, compressing, 1; fertilizers, 2; furniture, cabinetmaking, repairing, and upholstering, 2; gas, illuminating and heating, 1; hosiery and knit goods, 1; ice, manufactured, 1; lock and gun smithing, 1;

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and towns	380	$10,020,391	$363,270	$1,776,495	$4,341,197	$3,539,429	404	231	$212,826	7,954	$1,512,214
2	Anderson	52	1,280,111	29,563	222,026	580,087	448,435	65	26	22,325	910	166,313
3	Beaufort	18	34,331	5,500	5,500	16,130	7,201	18	1	900	29	6,833
4	Camden	26	304,289	38,100	62,250	136,455	67,484	26	8	4,902	349	61,769
5	Chester	26	480,624	25,042	91,591	180,685	183,306	31	18	12,492	584	114,108
6	Greenville	64	2,858,388	85,732	503,089	1,125,311	1,144,256	65	55	63,418	2,153	370,392
7	Newberry	34	1,336,625	29,100	262,283	368,060	677,182	32	27	19,840	811	175,178
8	Orangeburg	34	239,635	30,400	28,735	100,100	80,400	37	7	6,600	284	65,486
9	Rock Hill	29	826,941	10,613	157,787	358,098	300,443	25	36	28,524	1,050	197,080
10	Spartanburg	45	2,351,175	100,170	408,109	1,282,774	560,122	48	34	41,060	1,375	276,042
11	Sumter	52	308,272	9,050	35,125	193,497	70,600	57	19	12,765	409	79,013

BY SPECIFIED INDUSTRIES: 1900—Continued.

CHARLESTON—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
36	$15,388			8	$204	$1,709	$964	$295	$450		$17,204	$16,974	$230	$44,854	26
84	42,874	37	$6,668			11,145	3,330	1,327	6,488		72,390	69,921	2,469	203,032	27
77	49,237	2	480	1	52	8,180	487	1,227	6,406	$60	17,210	14,775	2,435	128,081	28
7	3,286					1,020	525	115	380		26,790	26,630	160	47,100	29
78	34,670			8	872	4,802	1,690	977	2,135		52,477	51,942	535	128,500	30
16	5,400			1	200	2,493	435	215	1,843		6,035	6,000	35	18,450	31
14	5,740			1	75	3,446	1,646	355	1,445		8,205	8,015	190	35,320	32
1,029	335,452	455	70,261	121	7,913	149,849	4,604	4,545	110,700		1,814,163	1,769,301	44,862	2,768,289	33

and stone, 1; mineral and soda waters, 2; oil, cottonseed and cake, 1; patent medicines and compounds, 1; perfumery and cosmetics, 1; rice, cleaning and polishing, 2; roofing and roofing materials, 2; ship and boat building, wooden, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 1; umbrellas and canes, 1; upholstering materials, 1.

COLUMBIA.

2,140	$597,709	569	$112,032	541	$49,459	$330,626	$20,376	$23,854	$234,146	$52,250	$2,474,628	$2,385,712	$88,916	$4,243,030	1
12	3,375			2	280	1,541	946	73	522		10,002	9,795	207	19,953	2
16	3,819					453	379	54	20		7,377	7,045	332	19,000	3
15	7,208	5	900			1,757	1,380	150	227		20,639	20,284	355	39,955	4
213	45,643					25,485	150	15	320	25,000	221,342	221,142	200	367,425	5
25	7,680					820	600	120	100		9,750	9,500	250	26,150	6
24	8,520	1	156	1	49	1,673	996	65	612		11,026	10,692	334	29,543	7
1	464	4	344			1,449	1,376	35	38		12,214	11,917	297	23,300	8
1,023	223,704	482	97,742	516	47,780	170,901		10,634	160,267		1,075,389	1,020,006	55,383	1,956,089	9
51	19,950			3	260	2,082	28	874	1,180		17,463	16,747	716	53,300	10
20	4,368					518	240	63	215		42,580	42,400	180	74,600	11
7	2,312					1,137	860	30	247		1,857	1,829	28	8,737	12
16	5,360					926	587	20	319		11,421	11,391	30	21,533	13
57	19,430	4	1,120			1,808	908	179	721		9,173	8,731	442	44,580	14
45	25,736	4	1,000			14,181	1,722	553	11,156	750	23,398	22,363	1,035	90,968	15
10	5,300					1,209	866	60	283		2,315	2,125	190	13,786	16
605	214,840	69	10,770	19	1,090	104,686	9,338	10,929	57,919	26,500	998,682	969,745	28,937	1,454,111	17

mineral and soda waters, 1; monuments and tombstones, 1; oil, cottonseed and cake, 2; painting, house, sign, etc., 2; saddlery and harness, 2; tinsmithing, coppersmithing, and sheet-iron working, 2; tobacco, cigars and cigarettes, 1.

TOWNS UNDER 20,000 IN POPULATION: 1900.

4,484	$1,015,073	1,782	$317,326	1,688	$179,815	$465,792	$29,763	$59,930	$372,619	$3,480	$5,413,245	$5,187,432	$225,813	$9,209,110	1
471	108,052	184	32,389	255	25,872	58,753	2,422	7,477	45,354	1,500	637,879	599,625	38,254	1,127,483	2
27	6,633			2	200	2,146	1,417	489	240		21,894	20,517	1,377	46,981	3
256	47,824	45	8,123	48	5,822	25,845	720	1,882	23,103	140	125,826	115,920	9,906	241,632	4
369	83,850	117	20,565	98	9,693	41,367	1,152	3,597	36,618		376,980	355,460	21,520	645,444	5
1,178	248,832	483	74,225	492	47,335	94,417	6,084	12,131	75,602	600	1,414,574	1,368,213	46,361	2,224,990	6
455	102,392	206	53,484	150	19,302	91,724	3,430	8,697	79,597		640,204	615,482	24,722	1,200,892	7
199	51,336	46	9,350	39	4,800	15,303	2,304	2,982	10,017		313,582	306,975	6,607	493,860	8
521	132,307	284	41,256	245	23,517	28,827	1,690	5,857	21,280		566,703	541,249	25,454	1,007,216	9
679	167,283	359	67,505	337	41,254	83,721	3,459	14,863	64,359	1,040	923,217	881,649	41,568	1,630,275	10
329	66,564	58	10,429	22	2,020	23,689	5,085	1,955	16,449	200	392,386	382,342	10,044	590,837	11

SOUTH DAKOTA.

Prior to November 2, 1889, South Dakota was a part of the territory of Dakota; therefore, the Eleventh Census (1890) was the first in which the statistics for the state were published separately.

Table 1 shows the manufacturing and mechanical industries of the state as returned at the censuses of 1890 and 1900, inclusive, with the percentages of increase for the decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1890 AND 1900, WITH PER CENT OF INCREASE FOR THE DECADE.

	1900	1890	Per cent of increase.		1900	1890	Per cent of increase.
Number of establishments	1,639	499	228.5	Miscellaneous expenses	$471,528	$268,214	75.8
Capital	$7,578,895	$3,207,796	136.3	Cost of materials used	$7,827,110	$3,523,840	122.1
Salaried officials, clerks, etc., number	311	[1] 411	[2] 24.3	Value of products, including custom work and repairing	$12,231,239	$5,682,748	115.2
Salaries	$184,233	[1] $265,725	[2] 30.7				
Wage-earners, average number	3,121	2,011	55.2				
Total wages	$1,544,409	$832,693	85.5	Total population	[3] 383,887	328,808	16.8
Men, 16 years and over	2,776	1,846	50.4	Wage-earners engaged in manufactures	3,121	2,011	55.2
Wages	$1,471,626	$795,676	85.0	Per cent of total population	0.8	0.6	
Women, 16 years and over	231	129	79.1	Assessed value of real estate	[4] $132,562,815	$101,878,719	30.8
Wages	$55,263	$33,344	65.7	Value of land and buildings invested in manufactures [5]	$2,180,472	$834,997	161.1
Children, under 16 years	114	36	216.7	Per cent of assessed value	1.6	0.8	
Wages	$17,520	$3,673	377.0				

[1] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 5.)
[2] Decrease.
[3] Exclusive of 17,683 Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[4] As given in the report of the auditor of South Dakota for 1900.
[5] Does not include the value of rented property.

While Table 1 shows a large increase in the manufacturing and mechanical industries of the state, agriculture and mining are the principal pursuits. Manufacturing is limited almost entirely to the so-called neighborhood industries, and practically the entire product is consumed at or near the point of production.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for a governmental establishment and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	1,926	$7,700,890	2,038	3,138	$1,548,068	$477,334	$7,858,261	$5,125,591	$2,079,092	$653,578	$12,309,233
Hand trades[1]	718	834,180	821	835	379,619	82,373	812,206	22,102	739,125	50,979	1,877,086
Governmental establishment	1	7,400	-------	2	1,140	-------	4,945	4,260	25	660	5,960
Establishments with a product of less than $500	286	114,595	306	10	2,519	5,806	26,206	1,462	24,744	-------	72,034
All other establishments	921	6,744,715	911	2,286	1,164,790	389,155	7,014,904	5,097,767	1,315,198	601,939	10,354,153

[1] Includes bicycle and tricycle repairing, 17; blacksmithing and wheelwrighting, 281; boots and shoes, custom work and repairing, 49; carpentering, 64; clothing, men's, custom work and repairing, 57; clothing, women's, dressmaking, 22; dyeing and cleaning, 3; furniture, cabinetmaking, repairing, and upholstering, 10; lock and gun smithing, 4; masonry, brick and stone, 17; millinery, custom work, 82; painting, house, sign, etc., 24; paper hanging, 3; plastering and stuccowork, 9; plumbing, and gas and steam fitting, 17; watch, clock, and jewelry repairing, 59.

Of the 1,926 establishments of all classes shown in this table, 1,004, or 52.1 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $1,949,120, or only 15.8 per cent of the total value of the products of the state.

In addition to the 1,926 active establishments in the state during the census year, with a capital of $7,700,890, shown in Table 2, there were 12 idle establishments, with a capital of $105,645.

Table 3 presents the totals for the manufacturing industries of the 2 cities withdrawn from the enumerators and places them in comparison with the totals for the entire state and the state exclusive of these cities.

TABLE 3.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for state	1,639	$7,578,895	1,732	3,121	$1,544,409	$471,528	$7,827,110	$12,231,239
Total for urban manufactures	216	1,265,710	251	725	351,935	193,262	730,351	1,762,147
Sioux Falls	148	1,047,899	170	586	288,919	159,694	563,376	1,411,411
Yankton	68	217,811	81	139	63,016	33,568	166,975	350,736
Total for state exclusive of urban manufactures	1,423	6,313,185	1,481	2,396	1,192,474	278,266	7,096,759	10,469,092
Per cent of urban manufactures to total for state	13.2	16.7	14.5	23.2	22.8	41.0	9.3	14.4

Of the 1,639 establishments in the state, 216, or 13.2 per cent, were located in these 2 cities. They furnished employment to 725 wage-earners, or 23.2 per cent of the total number, and the value of their products, $1,762,147, formed 14.4 per cent of the total for the state.

Table 4 shows the totals for the state by counties.

Table 5 shows the totals for the state by specified industries.

Table 6 shows the totals for the cities withdrawn from the enumerators.

TABLE 4.—MANUFACTURES

[No manufactures reported from the following counties: Armstrong, Boreman,

	COUNTIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	1,639	$7,578,895	$621,370	$1,559,102	$2,352,829	$3,046,094	1,732	311	$184,233	3,121	$1,544,409
2	Aurora	13	36,662	4,395	6,005	21,237	5,025	15	1	285	9	3,970
3	Beadle	59	216,977	11,684	48,590	55,790	100,913	58	12	4,805	166	92,972
4	Bonhomme	58	119,544	13,535	25,240	43,820	36,949	65	15	2,715	69	21,737
5	Brookings	47	175,803	12,800	31,650	45,937	85,416	57	------	------	73	33,683
6	Brown	56	379,596	14,245	63,730	145,965	155,656	61	21	20,020	128	63,019
7	Brule	23	81,263	5,790	13,600	34,765	27,108	19	6	1,770	24	9,092
8	Buffalo	5	6,926	120	2,010	2,850	1,946	5	2	105	3	699
9	Butte	4	15,200	300	2,500	8,500	3,900	5	------	------	4	2,525
10	Campbell	8	24,741	750	6,433	5,400	12,158	8	------	------	7	2,960
11	Charles Mix	7	19,115	825	3,340	10,750	4,200	5	2	720	5	2,007
12	Clark	30	77,937	2,455	20,935	34,790	19,757	27	7	2,715	24	9,943
13	Clay	31	80,798	7,815	23,500	27,625	21,858	37	2	115	30	12,421
14	Codington	59	368,554	16,085	48,700	97,160	206,609	63	14	9,632	138	62,635
15	Custer	10	50,920	5,225	10,775	27,710	7,210	10	1	1,250	10	5,700
16	Davison	21	105,087	2,950	17,700	50,771	33,666	21	7	3,270	50	23,046
17	Day	35	108,025	10,160	22,015	40,985	34,865	36	4	2,205	34	14,141
18	Deuel	21	32,785	2,150	5,765	14,495	10,375	25	------	------	9	2,320
19	Douglas	21	57,175	4,985	27,240	13,275	11,675	21	2	1,800	28	13,677
20	Edmunds	24	72,700	4,700	13,060	24,700	30,240	25	1	300	18	8,123
21	Fall River	7	130,770	10,240	19,300	48,160	53,070	6	10	4,430	53	26,694
22	Faulk	10	31,950	2,450	7,900	11,960	9,640	11	------	------	16	5,450
23	Grant	17	32,775	1,665	10,825	13,160	7,125	15	5	510	20	7,633
24	Gregory	5	3,420	102	1,648	1,200	470	4	------	------	3	550
25	Hamlin	17	31,695	1,890	7,850	7,175	14,780	17	------	------	10	2,989
26	Hand	15	38,221	1,270	4,695	23,381	8,875	17	------	------	9	3,133
27	Hanson	24	81,570	4,165	18,250	39,375	19,780	22	2	1,020	30	12,300
28	Hughes	7	41,625	700	4,250	15,550	21,125	5	4	2,150	16	5,400
29	Hutchinson	38	134,457	8,275	33,780	66,057	26,345	39	11	1,906	35	14,820
30	Hyde	6	12,500	400	3,100	6,925	2,075	7	------	------	11	3,930
31	Jerauld	13	23,989	470	6,700	10,400	6,419	9	------	------	13	5,785
32	Kingsbury	47	179,014	10,080	40,270	70,275	58,389	42	16	7,588	51	21,318
33	Lake	51	134,236	25,681	30,124	36,170	42,261	57	2	1,380	72	26,463
34	Lawrence	114	1,613,525	113,880	270,039	258,537	971,069	127	25	31,982	496	349,391
35	Lincoln	50	100,109	12,669	17,925	29,680	39,835	54	------	------	63	27,712
36	McCook	39	105,407	4,940	21,190	52,672	26,605	40	4	1,056	33	14,854
37	McPherson	17	32,955	3,450	13,520	8,165	7,820	21	------	------	13	5,666
38	Marshall	21	56,186	2,720	13,080	27,795	12,591	18	6	2,435	16	8,100
39	Meade	12	134,410	23,435	7,375	37,225	66,375	13	6	5,980	69	33,527
40	Miner	37	94,602	5,000	25,045	35,157	29,400	38	1	120	24	9,445
41	Minnehaha	202	1,254,962	114,189	192,893	451,344	496,536	230	84	53,187	758	355,419
42	Moody	37	56,010	8,435	9,350	19,160	19,065	41	1	280	31	12,341
43	Pennington	32	159,270	39,200	42,650	38,655	38,765	33	4	3,700	68	33,123
44	Potter	10	9,475	1,260	2,100	2,490	3,625	10	------	------	1	400
45	Roberts	18	48,830	4,025	7,480	19,125	18,200	24	------	------	12	3,790
46	Sanborn	14	69,247	2,425	19,450	23,817	23,555	11	5	510	15	9,170
47	Spink	54	119,985	10,020	21,215	47,990	40,760	53	4	2,040	50	20,994
48	Turner	50	166,707	12,635	37,385	67,682	49,005	52	4	1,226	55	24,670
49	Union	41	96,834	13,300	21,300	38,311	23,923	41	1	200	43	17,842
50	Walworth	6	7,225	250	1,600	3,225	2,150	8	------	------	2	764
51	Yankton	91	537,161	61,080	252,985	130,861	92,235	100	19	10,826	196	92,591
52	All other counties[1]	5	9,965	100	1,040	4,125	4,700	4	------	------	7	3,475

[1] Includes establishments distributed as follows: Lyman, 1; Shannon, 2; Stanley, 2.

BY COUNTIES: 1900.

Dewey, Lugenbeel, Meyer, Schnassee, Tripp, Washabaugh, and Washington.]

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
2,776	$1,471,626	231	$55,263	114	$17,520	$471,528	$91,104	$61,010	$294,773	$24,641	$7,827,110	$7,289,262	$537,848	$12,231,239	1
8	3,870			1	100	1,220	199	353	668		42,686	41,658	1,028	61,133	2
158	91,700	8	1,272			13,821	2,856	2,038	8,882	45	225,733	220,345	5,388	416,826	3
62	20,662	5	750	2	325	7,503	1,568	1,234	4,701		102,826	99,658	3,168	187,068	4
64	31,008	4	1,700	5	975	12,541	2,504	1,382	8,655		197,337	192,993	4,344	285,356	5
110	57,807	15	4,997	3	215	19,850	3,332	2,938	13,299	281	466,383	454,030	12,353	650,025	6
18	7,896	2	320	4	876	2,727	503	694	1,380	150	77,737	75,504	2,233	110,480	7
1	513			2	186	478		28	450		10,377	10,124	253	13,163	8
4	2,525					998	240	228	530		15,142	15,037	105	22,300	9
6	2,900			1	60	1,373	71	439	863		64,264	61,885	2,379	86,017	10
4	1,885			1	122	384		119	265		23,501	22,640	861	31,208	11
21	9,481			3	462	2,572	834	634	1,104		91,648	88,819	2,829	132,382	12
24	10,931	5	1,270	1	220	3,546	1,733	606	1,207		74,934	71,965	2,969	117,817	13
131	61,325	4	985	3	825	20,745	3,139	2,869	14,237	500	372,062	363,092	8,970	529,503	14
10	5,700					1,708		768	540	400	12,073	11,113	960	22,700	15
44	21,525	5	1,050	1	471	8,644	1,619	787	6,113	125	167,048	160,821	6,227	230,873	16
23	11,467	5	1,620	6	1,054	5,964	1,459	985	3,520		116,517	112,519	3,998	174,307	17
5	1,470	3	650	1	200	1,119	720	103	296		19,601	18,721	880	35,539	18
27	13,377	1	300			2,407	342	583	1,457	25	89,682	87,082	2,600	127,617	19
15	7,788			3	335	3,637	569	711	2,354	3	88,330	86,034	2,296	121,726	20
52	26,575			1	119	3,741	324	504	2,863	50	101,639	100,483	1,156	147,472	21
14	5,050			2	400	826	319	181	326		28,527	27,828	699	46,252	22
17	7,108	1	300	2	225	1,334	364	174	796		26,669	23,243	3,426	43,770	23
1	200			2	350	188	63	27	98		1,250	1,152	98	4,305	24
7	2,550			3	439	1,459	493	170	796		11,702	10,647	1,055	28,358	25
6	2,773			3	360	1,302	306	618	378		39,652	38,802	850	56,189	26
24	11,160	1	640	5	500	4,303	450	617	3,236		91,726	89,370	2,356	129,296	27
12	4,500	3	600	1	300	1,677	513	346	818		15,735	15,170	565	25,355	28
32	14,120	2	500	2	200	7,039	360	887	5,592	200	244,731	239,479	5,252	309,938	29
7	3,480	4	450			520	155	140	200	25	29,870	28,640	1,230	44,404	30
11	5,535	1	175	1	75	988	160	144	684		25,368	24,388	980	38,305	31
49	20,508	1	650	1	160	5,922	719	928	4,275		216,931	210,070	6,861	287,979	32
55	23,551	16	2,860	1	52	8,357	2,592	1,375	3,290	1,100	132,502	129,105	3,397	220,088	33
468	341,150	16	6,100	12	2,141	49,219	14,260	6,168	28,791		2,097,539	1,748,551	348,988	3,010,568	34
56	26,642	2	435	5	635	7,060	1,612	716	3,832	900	102,794	99,846	2,948	178,961	35
31	14,304	2	550			4,344	1,034	635	2,625	50	97,130	93,335	3,795	154,688	36
13	5,666					1,632	451	364	817		21,423	20,622	801	43,030	37
13	7,635	1	275	2	190	2,463	370	680	1,406	7	120,784	117,532	3,252	154,302	38
69	33,527					2,791	245	1,648	898		120,229	116,606	3,623	195,649	39
20	9,080			4	365	3,339	769	986	1,584		108,415	104,935	3,480	155,401	40
667	336,248	86	17,950	5	1,221	167,751	26,584	6,153	117,807	17,207	749,643	720,678	28,965	1,743,792	41
26	11,617	5	724			4,126	2,143	320	1,663		70,818	68,605	2,213	111,929	42
59	31,042	6	1,624	3	457	9,334	2,219	3,344	3,071	700	87,164	82,938	4,226	181,682	43
1	400					265	36	81	123	25	6,148	5,871	277	11,625	44
7	2,940	1	200	4	650	1,892	290	358	1,244		33,311	31,672	1,639	58,421	45
15	9,170					3,271	656	760	1,605	250	118,665	115,775	2,890	147,399	46
40	19,444	5	1,070	5	480	7,231	3,018	1,458	2,655	100	237,215	227,413	9,802	315,701	47
48	23,128	3	760	4	782	5,947	839	1,075	2,897	1,136	192,104	187,192	4,912	273,625	48
37	16,230	5	1,412	1	200	5,146	1,715	754	2,657	20	121,688	118,562	3,126	178,491	49
2	764					390	158	45	187		8,976	8,726	250	13,970	50
177	88,724	12	2,774	7	1,093	45,949	6,058	11,731	26,818	1,342	305,493	284,963	20,530	554,324	51
5	2,975	1	300	1	200	485	141	124	220		3,388	3,023	365	9,930	52

TABLE 5.—MANUFACTURES

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	1,639	$7,578,895	$621,370	$1,559,102	$2,352,329	$3,046,094	1,732	311	$184,233	3,121	$1,544,409
2	Agricultural implements	3	24,385	2,100	2,000	8,500	11,785	4			11	4,929
3	Bicycle and tricycle repairing	17	26,725	2,450	5,350	10,075	8,850	24			9	2,610
4	Blacksmithing and wheelwrighting	281	347,811	46,513	80,599	93,251	127,448	328			121	54,344
5	Bookbinding and blank book making	3	28,189		200	12,500	15,489	4	3	2,580	29	20,576
6	Boots and shoes, custom work and repairing.	49	30,698	6,850	11,160	5,955	6,733	58			14	5,912
7	Bread and other bakery products	13	23,445	4,200	5,800	8,900	4,545	17	8	2,239	26	14,446
8	Brick and tile	11	64,125	7,050	11,200	15,125	30,750	19			48	19,687
9	Brooms and brushes	10	9,830	170	2,580	1,660	5,420	13			17	8,670
10	Carpentering	64	101,861	7,300	6,300	15,590	72,671	71			236	132,625
11	Carpets, rag	4	895	125	350	210	210	5				
12	Carriages and wagons	15	76,780	8,700	22,450	15,655	29,975	18	2	2,000	40	21,456
13	Cars and general shop construction and repairs by steam railroad companies.	7	68,079	6,040	34,600	6,941	20,498		9	8,354	117	79,661
14	Cheese, butter, and condensed milk, factory product.	138	460,932	12,192	150,143	243,390	55,207	44	95	11,786	148	77,401
15	Clothing, men's, custom work and repairing.	57	45,936	3,150	7,810	7,483	27,493	64	1	800	78	35,808
16	Clothing, women's, dressmaking	22	6,401	400	950	2,145	2,906	25	1	520	63	9,417
17	Confectionery	6	8,625			2,430	6,195	7	2	2,100	16	4,615
18	Dyeing and cleaning	3	255			150	105	3			1	190
19	Flouring and grist mill products	120	1,754,752	110,530	341,255	701,122	601,845	133	53	47,950	295	155,742
20	Foundry and machine shop products	13	42,010	5,150	7,485	16,550	12,825	18	1	308	19	8,090
21	Furniture, cabinetmaking, repairing, and upholstering.	10	10,775	800	1,750	3,325	4,900	14			8	2,856
22	Lime and cement	7	284,500	27,100	185,950	59,750	11,700	8	5	5,580	51	31,590
23	Liquors, malt	4	560,794	57,038	148,318	120,200	235,238	3	10	12,420	61	23,949
24	Lock and gun smithing	4	10,575	1,700	1,350	4,200	3,325	4			3	1,520
25	Lumber and timber products	29	283,720	90,770	14,005	87,665	91,280	24	15	13,020	181	92,425
26	Lumber, planing mill products, including sash, doors, and blinds.	7	34,552	6,500	12,886	11,921	3,245	6	1	800	15	6,282
27	Marble and stone work	4	23,400	5,150	1,050	6,650	10,550	5			112	39,382
28	Masonry, brick and stone	17	18,274	1,250	2,575	2,755	11,694	18	1	520	84	47,415
29	Millinery, custom work	82	89,445	7,690	15,840	3,836	62,079	94	3	520	62	12,766
30	Mineral and soda waters	12	92,180	14,900	21,750	37,000	18,530	13	3	1,800	29	15,120
31	Monuments and tombstones	11	47,352	10,660	7,650	11,560	17,482	12	9	3,925	33	14,901
32	Painting, house, sign, etc	24	15,495	4,325	1,100	2,465	7,605	31	2	936	41	19,410
33	Paper hanging	3	3,550			175	3,375	4	2	295	7	4,300
34	Paving and paving materials	5	20,650	200	200	12,950	7,300	6			18	7,620
35	Photography	42	46,450	2,910	8,650	20,900	13,990	47			17	6,094
36	Plastering and stuccowork	9	6,350	440	450	1,832	3,628	10			11	6,058
37	Plumbing, and gas and steam fitting	17	54,802	5,300	3,950	9,400	36,152	23	2	930	73	33,874
38	Printing and publishing, book and job	8	70,806	800	800	37,000	32,206	5	6	4,190	43	19,409
39	Printing and publishing, newspapers and periodicals.	198	637,839	33,760	75,135	333,177	195,767	215	43	30,376	422	164,456
40	Saddlery and harness	118	293,645	32,817	50,838	18,238	191,752	138	2	900	100	44,564
41	Tinsmithing, coppersmithing, and sheet-iron working.	82	172,476	28,500	66,735	31,440	45,801	94			78	39,481
42	Tobacco, cigars and cigarettes	27	84,460	3,200	5,200	4,135	71,925	30	9	5,355	129	59,894
43	Watch, clock, and jewelry repairing	59	65,227	10,315	13,550	16,945	24,417	60			24	10,519
44	All other industries[1]	24	1,529,844	52,325	229,138	347,178	901,203	23	23	24,029	231	184,350

[1] Embraces awnings, tents, and sails, 2; boxes, wooden packing, 1; cooperage, 2; copper, smelting and refining, 1; fur goods, 1; gas, illuminating and heating, 2; gas machines and meters, 2; jewelry, 1; kaolin and other earth grinding, 1; lamps and reflectors, 1; leather, tanned, curried, and finished, 2; looking-glass and

TABLE 6.—MANUFACTURES

1	Total for cities	216	$1,265,710	$122,544	$214,593	$434,683	$493,890	251	79	$51,904	725	$351,935
2	Sioux Falls	148	1,047,899	101,844	156,568	379,372	410,115	170	70	48,025	586	288,919
3	Yankton	68	217,811	20,700	58,025	55,311	83,775	81	9	3,879	139	63,016

BY SPECIFIED INDUSTRIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
2,776	$1,471,626	231	$55,263	114	$17,520	$471,528	$91,104	$61,010	$294,773	$24,641	$7,827,110	$7,289,262	$537,848	$12,231,239	1
11	4,929					1,141	120	221	800		6,222	5,707	515	19,580	2
9	2,610					2,004	1,061	299	644		8,197	7,636	561	22,125	3
121	54,344					12,065	4,084	3,046	4,682	253	142,083	127,431	14,652	414,931	4
24	19,234	5	1,342			4,110	1,825	193	2,092		12,308	11,273	1,035	53,112	5
14	5,912					3,424	2,294	342	788		15,569	14,836	733	45,301	6
24	13,446	2	1,000			4,292	1,851	347	2,094		29,001	26,799	2,202	78,933	7
48	19,687					1,378	835	274	269		12,625	1,365	11,260	46,150	8
17	8,670					830	505	67	258		9,620	9,465	155	24,738	9
236	132,625					15,479	1,331	365	1,983	11,800	255,701	255,196	505	499,008	10
						198	20	23	155		1,865	1,845	20	3,933	11
40	21,456					3,292	710	817	1,765		31,462	28,478	2,984	86,495	12
117	79,661					3,049		1,270	1,779		86,567	84,538	2,029	177,631	13
147	77,201			1	200	18,523	588	2,555	14,856	524	1,005,237	972,068	33,169	1,199,493	14
63	31,930	15	3,873			10,944	6,554	590	3,000	800	66,617	64,957	1,660	160,572	15
		63	9,417			2,543	2,204	45	294		4,862	4,492	370	35,685	16
10	2,950	5	1,485	1	180	2,653	1,398	49	1,206		18,063	17,573	490	33,110	17
		1	190			715	480	5	230		545	365	180	3,280	18
294	155,342			1	400	75,006	2,092	15,661	56,017	1,236	2,825,781	2,758,430	67,351	3,379,843	19
19	8,090					1,457	265	382	810		13,579	11,702	1,877	38,755	20
7	2,606	1	250			2,016	1,180	195	641		9,899	9,650	249	20,952	21
51	31,590					10,209	150	9,347	662	50	40,420	24,573	15,847	91,764	22
58	22,949			3	1,000	78,216		1,417	76,754	45	37,843	32,183	5,660	280,080	23
3	1,520					556	175	144	237		3,179	3,074	105	10,215	24
181	92,425					7,860	870	4,565	2,425		258,955	258,955		445,861	25
15	6,282					2,155	140	219	1,796		27,407	27,117	290	48,664	26
112	39,382					2,580	1,187	119	1,274		1,995	1,695	300	63,893	27
84	47,415					1,266	722	97	322	125	44,605	44,250	355	121,876	28
		61	12,666	1	100	11,719	8,316	894	2,484	25	91,831	90,222	1,609	167,837	29
28	14,870			1	250	4,716	890	868	2,958		21,791	20,688	1,103	74,597	30
33	14,901					5,759	390	290	2,909	2,170	27,257	26,973	284	85,761	31
41	19,410					3,346	2,403	170	673	100	25,044	24,953	91	71,805	32
7	4,300					692	410	24	258		7,575	7,530	45	15,900	33
18	7,620					1,709	510	19	1,180		17,200	16,900	300	29,644	34
11	3,564	6	2,530			8,030	5,350	491	2,139	50	27,098	26,067	1,031	79,366	35
11	6,058					184		75	109		6,690	6,570	120	23,700	36
72	33,718			1	156	6,646	2,058	579	3,509	500	114,771	114,031	740	197,740	37
35	17,809	8	1,600			4,049	1,460	337	1,555	697	22,118	20,574	1,544	59,810	38
276	133,544	48	16,928	98	13,984	55,504	13,580	4,644	32,014	5,266	127,066	115,566	11,500	633,125	39
99	44,414			1	150	19,381	7,516	3,314	7,951	600	193,491	189,441	4,050	371,143	40
78	39,481					8,754	4,128	1,570	3,056		86,469	84,523	1,946	184,244	41
115	57,512	9	1,482	5	900	26,976	4,133	491	22,352		68,924	67,865	1,059	197,155	42
24	10,519					8,774	5,889	796	2,089		15,038	13,862	1,176	66,159	43
223	181,650	7	2,500	1	200	37,328	1,430	3,794	31,704	400	2,004,540	1,657,844	346,696	2,567,273	44

picture frames, 2; mattresses and spring beds, 1; patent medicines and compounds, 1; slaughtering and meat packing, wholesale, 1; upholstering materials, 1; vinegar and cider, 1; wood preserving, 1.

IN CITIES: 1900.

619	$329,868	97	$20,214	9	$1,853	$193,262	$29,656	$6,936	$138,163	$18,507	$730,351	$702,442	$27,909	$1,762,147	1
495	270,479	85	17,440	3	1,000	159,694	23,678	5,038	113,771	17,207	563,376	540,874	22,502	1,411,411	2
121	59,389	12	2,774	6	853	33,568	5,978	1,898	24,392	1,300	166,975	161,568	5,407	350,736	3

TENNESSEE.

Table 1 shows the manufacturing and mechanical industries of the state of Tennessee as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	8,016	4,559	4,326	5,317	2,572	2,887	75.8	5.4	[1]18.6	106.7	[1]10.9
Capital	$71,814,038	$51,475,092	$20,092,845	$15,595,295	$14,426,261	$6,527,729	39.5	156.2	28.8	8.1	121.0
Salaried officials, clerks, etc., number	3,673	[2]5,272	(3)	(3)	(3)	(3)	[1]30.3				
Salaries	$3,261,347	[2]$3,342,171	(3)	(3)	(3)	(3)	[1]2.4				
Wage-earners, average number	50,504	37,487	22,445	19,412	12,528	12,039	34.7	67.0	15.6	54.9	4.1
Total wages	$16,647,638	$13,557,180	$5,254,775	$5,390,630	$3,370,687	$2,247,492	22.8	158.0	[1]2.5	59.9	50.0
Men, 16 years and over	42,492	32,644	19,575	17,663	11,582	11,080	30.2	66.8	10.8	52.5	4.5
Wages	$15,201,266	$12,703,062	(3)	(3)	(3)	(3)	19.7				
Women, 16 years and over	5,841	3,273	1,196	1,089	946	959	78.5	173.7	9.8	15.1	[1]1.4
Wages	$1,197,214	$679,068	(3)	(3)	(3)	(3)	76.3				
Children, under 16 years	2,171	1,570	1,674	660	(3)	(3)	38.2	[1]6.2	153.6		
Wages	$249,158	$175,050	(3)	(3)	(3)	(3)	42.3				
Miscellaneous expenses	$6,235,557	$4,126,271	(4)	(4)	(4)	(4)	51.1				
Cost of materials used	$63,857,511	$40,463,782	$23,834,262	$19,657,027	$9,416,514	$5,166,886	57.8	69.8	21.3	108.8	82.2
Value of products, including custom work and repairing	$108,144,565	$72,355,286	$37,074,886	$34,362,636	$17,987,225	$9,725,608	49.5	95.2	7.9	91.0	84.9
Total population	2,020,616	1,767,518	1,542,359	1,258,520	1,109,801	1,002,717	14.3	14.6	22.6	13.4	10.7
Wage-earners engaged in manufactures	50,504	37,487	22,445	19,412	12,528	12,039	34.7	67.0	15.6	54.9	4.1
Per cent of total population	2.5	2.1	1.5	1.5	1.1	1.2					
Assessed value of real estate	[5]$291,865,380	$292,872,811	$195,644,200	$223,035,375	$219,991,180	$107,981,793	[1]0.3	49.7	[1]12.3	1.4	103.7
Value of land and buildings invested in manufactures[6]	$20,376,048	$13,705,247	(3)	(3)	(3)	(3)	48.7				
Per cent of assessed value	7.0	4.7									

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[3] Not reported separately.
[4] Not reported.
[5] As given in the Biennial Report of the Comptroller of the Treasury of the State of Tennessee, 1899–1900.
[6] Does not include value of rented property.

Table 1 shows that there has been a large growth in the manufacturing and mechanical industries of Tennessee during the half century. The population during these years increased from 1,002,717 to 2,020,616, or 101.5 per cent, while the average number of wage-earners employed in manufacturing establishments increased from 12,039 to 50,504, or 319.5 per cent, embracing, in 1900, 2.5 per cent of the entire population, compared with 1.2 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 73,364, or 3.6 per cent of the total population of the state. Although the greatest percentage of increase in the value of products, 95.2, is shown for the decade ending with 1890, the greatest absolute increase, $35,789,279, occurred during the decade ending with 1900.

The manufactures of Tennessee are based largely upon natural resources. Since 1880 the increase in the more important manufactures has been marked. Mineral deposits—including iron and copper ores and coal—largely neglected until within the last twenty-five years, are the chief causes of this growth. Fields of coal of excellent coking quality underlie 5,100 square miles of the state, and the production in 1899 amounted to 3,330,659 short tons,[1] or nearly twice the production of 1889. In 1899 Tennessee ranked thirteenth among the states in coal production.

Tennessee is traversed by several trunk railways. In 1900 its mileage aggregated 3,137 miles, or 7.51 miles per 100 square miles of territory, as compared with an average of 6.51 miles for the United States.[2] The state has also several navigable rivers. The Mississippi River, its western boundary, furnishes communication with the entire Mississippi Valley. Manufactures are fairly well distributed and diversified, those based upon grain and lumber predominating in the central and western sections, and those based upon minerals in the eastern part.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for eleemosynary and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

[1] United States Geological Survey: Mineral Resources, 1899, Metallic Products, Coal, and Coke, page 338.
[2] Interstate Commerce Commission: Statistics of Railways in the United States, 1900, pages 12 and 13.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	12,892	$73,058,723	15,242	52,552	$16,702,326	$6,278,929	$64,214,331	$29,690,075	$30,447,252	$4,077,004	$109,315,485
Hand trades[1]	2,308	2,857,500	2,758	4,755	1,947,721	600,579	3,371,809	41,114	3,222,519	108,176	8,280,691
Eleemosynary and penal institutions	5	69,700	-------	3	1,140	502	39,517	28,847	10,390	280	96,736
Establishments with a product of less than $500	4,871	1,174,985	5,424	2,045	53,548	42,870	317,303	95,488	220,544	1,271	1,074,184
All other establishments	5,708	68,956,538	7,060	45,749	14,699,917	5,634,978	60,485,702	29,524,626	26,993,799	3,967,277	99,863,874

[1] Includes bicycle and tricycle repairing, 35; blacksmithing and wheelwrighting, 1,007; boots and shoes, custom work and repairing, 196; carpentering, 183; clothing, men's, custom work and repairing, 141; clothing, women's, dressmaking, 77; dyeing and cleaning, 39; furniture, cabinetmaking, repairing, and upholstering, 80; lock and gun smithing, 26; masonry, brick and stone, 29; millinery, custom work, 193; painting, house, sign, etc., 72; paper hanging, 10; plastering and stuccowork, 9; plumbing, and gas and steam fitting, 66; sewing machine repairing, 4; watch, clock, and jewelry repairing, 141.

Of the 12,892 establishments of all classes shown in this table, 7,179, or 55.7 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $9,354,875, or only 8.6 per cent of the total value of the products of the state.

In addition to the 12,892 active establishments in the state during the census year, with a capital of $73,058,723, shown in Table 2, there were 128 idle establishments, with a capital of $1,469,568, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Brick and tile	15	$220,866	Leather, tanned, curried, and finished	5	$39,673
Cars, steam railroad, not including operations of railroad companies	1	556,426	Lumber and timber products	24	74,813
Cotton, ginning	20	22,592	Marble and stone work	1	13,000
Flouring and grist mill products	14	20,753	Pottery, terra cotta, and fire-clay products	2	4,600
Foundry and machine shop products	1	14,500	Tobacco, stemming and rehandling	1	10,750
Ice, manufactured	3	31,575	Woolen goods	3	3,725
Iron and steel	3	450,650	All other industries	35	5,645

TABLE 3.—COMPARATIVE SUMMARY OF TEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Total for selected industries for state	1900	3,792	$44,322,064	28,636	$9,150,779	$2,410,357	$45,230,726	$67,623,165
	1890	2,102	32,013,955	21,596	7,039,852	1,818,447	28,375,195	43,628,010
Increase, 1890 to 1900	-------	1,690	12,308,109	7,040	2,110,927	591,910	16,855,531	23,995,155
Per cent of increase	-------	80.4	38.4	32.6	30.0	32.6	59.4	55.0
Per cent of total of all industries in state	1900	47.3	61.7	56.7	55.0	38.7	70.8	62.5
	1890	46.1	62.2	57.6	51.9	44.1	70.1	60.3
Cars and general shop construction and repairs by steam railroad companies.	1900	16	1,319,628	2,817	1,459,319	66,765	1,528,363	3,113,053
	1890	10	1,198,940	1,772	995,287	----------	593,819	1,605,778
Flouring and grist mill products	1900	1,618	5,931,037	1,154	544,722	273,851	18,491,948	21,798,929
	1890	918	4,964,437	1,417	402,958	184,936	10,592,752	12,474,284
Foundry and machine shop products	1900	97	3,768,565	3,282	1,185,211	220,288	2,199,081	4,479,489
	1890	68	4,348,579	2,620	1,206,152	228,927	1,914,408	4,427,187
Iron and steel	1900	16	5,381,165	1,979	539,304	226,365	3,404,154	5,080,624
	1890	15	4,613,355	1,472	657,075	276,869	2,943,671	4,247,868
Leather, tanned, curried, and finished	1900	44	3,444,197	803	239,870	91,197	2,184,311	2,802,117
	1890	60	732,230	612	186,469	81,785	755,767	1,266,556
Lumber and timber products	1900	1,732	12,900,595	11,192	3,424,510	402,409	10,008,275	18,127,784
	1890	820	7,259,027	7,424	1,860,008	354,376	5,045,906	9,073,686
Lumber, planing mill products, including sash, doors, and blinds	1900	88	1,343,381	1,170	452,079	85,198	1,330,800	2,323,247
	1890	73	2,283,737	1,498	759,088	104,017	1,926,674	3,450,243
Oil, cottonseed and cake	1900	17	1,996,791	751	204,219	183,222	2,277,855	2,980,041
	1890	15	1,833,204	1,030	183,444	220,051	1,748,953	2,504,741
Textiles: Total	1900	72	6,384,194	4,251	790,031	239,289	2,266,543	3,907,279
	1890	69	4,322,336	3,051	635,610	230,116	2,525,198	3,724,138
Cotton goods	1900	17	3,767,726	2,108	422,935	142,878	1,143,234	1,994,935
	1890	20	2,928,657	2,124	444,573	173,853	1,765,162	2,507,719
Hosiery and knit goods	1900	4	216,950	511	72,980	10,270	248,950	395,150
	1890	-------	-------	-------	-------	-------	-------	-------

TABLE 3.—COMPARATIVE SUMMARY OF TEN LEADING INDUSTRIES—Continued

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Textiles—Continued.								
Woolen goods	1900	51	$2,399,518	1,632	$294,116	$86,141	$874,359	$1,517,194
	1890	49	1,393,679	927	191,037	56,263	760,036	1,216,419
Tobacco:								
Total	1900	92	1,852,511	1,237	311,514	621,773	1,539,396	3,010,602
	1890	54	458,110	700	153,761	187,370	328,047	853,529
Chewing, smoking, and snuff	1900	35	1,318,414	615	152,043	557,149	516,369	1,541,475
	1890	24	358,932	531	77,766	152,849	212,268	577,690
Cigars and cigarettes	1900	35	90,547	161	80,228	35,708	118,738	290,647
	1890	25	90,953	139	72,563	33,283	84,442	236,807
Stemming and rehandling	1900	22	443,550	461	79,243	28,916	904,289	1,178,480
	1890	5	8,225	30	3,432	1,238	31,837	39,032

The 10 leading industries of the state in 1900, as shown in Table 3, embraced 3,792 establishments, or 47.3 per cent of the total number in the state; used a capital of $44,322,064, or 61.7 per cent of the total; gave employment to 28,636 wage-earners, or 56.7 per cent of the total number; and paid $9,150,779, or 55 per cent of the total wages. The value of their products was $67,623,165, or 62.5 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

Table 3 shows that the manufacture of flouring and grist mill products is the most important industry in the state. The 1,618 establishments reported in 1900 gave employment to 1,154 wage-earners, or 2.3 per cent of the wage-earners employed in the state, and the products were valued at $21,798,929, or 20.3 per cent of the total value of the products of the state. In 1890 there were 918 establishments, 1,417 wage-earners, and products valued at $12,474,284. The increase in the value of products during the decade was $9,324,645, or 74.8 per cent. Tennessee has good waterpower and excellent distributing facilities. Flour and grist mills are found in all parts of the state, though Nashville is the chief center of the industry. Knoxville is the milling center of the eastern section of the state, and the industry is rising into importance at Memphis.

The manufacture of lumber and timber products ranks second among the industries of the state, with 1,732 establishments, 11,192 wage-earners, and products valued at $18,127,784. In 1890 there were 820 establishments, 7,424 wage-earners, and products valued at $9,073,686. The increase in the value of products during the decade was $9,054,098, or 99.8 per cent. The forests of Tennessee contain many species of trees, and are among the best in the United States. The most valuable timbers in the eastern part of the state include oak, ash, hickory, maple, poplar, and chestnut. The Tennessee River and its tributaries bring the logs from the mountains down to Chattanooga and Bristol, which are leading manufacturing points. Nashville is the principal lumber manufacturing city in the central part of the state. Poplar, the timber most used there, is found in comparative abundance in the northern and central counties of eastern and central Tennessee, and in the river counties of western Tennessee. It is adapted to all purposes of house building, both for construction and outside and inside finish. Oak ranks next in importance. Ash is used for the inside finish of houses and for the manufacture of agricultural implements. For the latter purpose it ranks next to hickory, which is used almost exclusively for wagons, carriages, and handles. The scarcity of walnut and cherry has led to the increasing use of oak, maple, birch, sycamore, and poplar in the manufacture of furniture. Quantities of these timbers are shipped to other states of the Union, to Canada and Mexico, and to Great Britain and other European countries. Memphis is the headquarters of the lumber manufacture in western Tennessee. The chief varieties cut in this section are poplar, white oak, ash, hickory, sycamore, and cypress. Much of it is shipped to the North in the form of planks and staves.

There were 16 establishments engaged in 1900 in the manufacture of iron and steel, the industry third in rank, with 1,979 wage-earners, and products valued at $5,080,624. In 1890 there were 15 establishments, 1,472 wage-earners, and products valued at $4,247,868. The increase in the value of products during the decade was $832,756, or 19.6 per cent. This industry has been stimulated by abundant deposits of fuel and ore. Coking coal of excellent quality is found in the Cumberland region, the state in 1899 being sixth in rank among the coke-producing states, with a production of 380,525 short tons. This was an increase of 23,561 tons, or 6.6 per cent, over the production of 1889.[1] The three chief iron-producing districts correspond, in a general way, to the location of the iron ore deposits. The eastern district comprises the counties of Johnson, Sullivan, and Washington; the Chattanooga district, the most important of the three, includes the counties of Roane, Rhea, Hamilton, Marion, and Franklin; and the central district embraces the counties of Montgomery, Stewart, Dickson, Hickman, Lewis, Lawrence, and Wayne. The

[1] See special report on Coke.

furnaces in the last-named district rely chiefly upon charcoal, though some of them have recently begun the use of coke.

There were 97 establishments engaged in the manufacture of foundry and machine shop products in 1900, with 3,282 wage-earners, and products valued at $4,479,489. In 1890 there were 68 establishments, 2,620 wage-earners, and products valued at $4,427,187. The increase in the value of products during the decade was $52,302, or 1.2 per cent.

There were 72 establishments engaged in the manufacture of textiles in 1900, with 4,251 wage-earners, and products valued at $3,907,279. In 1890 there were 69 establishments, 3,051 wage-earners, and products valued at $3,724,138. The increase in the value of products during the decade was $183,141, or 4.9 per cent. Tennessee possesses facilities for the ordinary textile manufactures, the eastern section being well adapted to the production of wool. Knoxville has a large woolen mill, and small woolen mills are scattered over the eastern and central sections. No factories for the manufacture of hosiery and knit goods were reported in 1890; in 1900 there were 4.

There were 16 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 2,817 wage-earners, and products valued at $3,113,053. In 1890 there were 10 establishments, 1,772 wage-earners, and products valued at $1,605,778. The increase in the value of products during the decade was $1,507,275, or 93.9 per cent.

There were 92 establishments engaged in the manufacture of tobacco in 1900, with 1,237 wage-earners, and products valued at $3,010,602. In 1890 there were 54 establishments, 700 wage-earners, and products valued at $853,529. The increase in the value of products during the decade was $2,157,073, or 252.7 per cent. In addition to the ordinary varieties, Tennessee produces several kinds of fine tobaccos, the most important being the bright tobaccos of Greene county and the fine red shipping tobaccos of the Clarksville district.

There were 17 establishments engaged in the manufacture of cottonseed oil and cake in 1900, with 751 wage-earners, and products valued at $2,980,041. In 1890 there were 15 establishments, 1,030 wage-earners, and products valued at $2,504,741. The increase in the value of products during the decade was $475,300, or 19 per cent. The industry is carried on most extensively in the western section of the state, centering at Memphis.

There were 44 establishments engaged in the manufacture of leather in 1900, with 803 wage-earners, and products valued at $2,802,117. In 1890 there were 60 establishments, 612 wage-earners, and products valued at $1,266,556. The increase in the value of products during the decade was $1,535,561, or 121.2 per cent.

There were 88 establishments engaged in the manufacture of planing mill products in 1900, with 1,170 wage-earners, and products valued at $2,323,247. In 1890 there were 73 establishments, 1,498 wage-earners, and products valued at $3,450,243. The decrease in the value of products during the decade was $1,126,996, or 32.7 per cent.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Chattanooga, Knoxville, Memphis, and Nashville, as returned at the censuses of 1890 and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, CHATTANOOGA, KNOXVILLE, MEMPHIS, AND NASHVILLE, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	Wage-earners.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
The State	1900	8,016	$71,814,038	50,504	$16,647,638	$6,235,557	$63,857,511	$108,144,565
	1890	4,559	51,475,092	37,487	13,557,180	4,126,271	40,463,782	72,855,286
Per cent of increase		75.8	39.5	34.7	22.8	51.1	57.8	49.5
Chattanooga	1900	332	8,103,870	5,472	1,889,795	778,998	7,322,503	12,033,780
	1890	294	7,405,646	5,200	2,246,523	909,518	4,937,902	10,216,109
Per cent of increase		12.9	9.4	5.2	[1]15.9	[1]14.4	48.3	17.8
Knoxville	1900	218	5,151,130	4,714	1,473,543	306,795	3,877,772	6,943,595
	1890	205	3,045,661	2,746	1,355,566	261,707	2,464,914	5,020,116
Per cent of increase		6.3	69.1	71.7	8.7	17.2	57.3	38.3
Memphis	1900	659	11,189,249	8,433	3,641,435	1,078,649	9,656,969	17,923,059
	1890	345	9,357,821	5,497	2,542,264	813,951	7,090,190	13,244,538
Per cent of increase		91.0	19.6	53.4	43.2	32.5	36.2	35.3
Nashville	1900	489	13,173,422	8,447	2,889,241	1,440,394	10,472,173	18,469,823
	1890	420	9,904,295	7,275	3,052,444	681,619	7,994,751	14,590,823
Per cent of increase		16.4	33.0	16.1	[1]5.3	111.3	31.0	26.6
Total for 4 cities	1900	1,698	37,617,671	27,066	9,894,014	3,604,836	31,329,417	55,370,257
	1890	1,264	29,713,423	20,718	9,196,797	2,666,795	22,487,757	43,071,586
Per cent of increase		34.3	26.6	30.6	7.6	35.2	39.3	28.6
Per cent of 4 cities to total for state	1900	21.2	52.4	53.6	59.4	57.8	49.1	51.2
	1890	27.7	57.7	55.3	67.8	64.6	55.6	59.0

[1] Decrease.

It appears from Table 4 that there has been a considerable increase during the past decade in the combined manufactures of these 4 cities. The number of establishments increased from 1,264 to 1,698, or 34.3 per cent; the average number of wage-earners from 20,718 to 27,066, or 30.6 per cent; and the value of products from $43,071,586 to $55,370,257, or 28.6 per cent. The percentage of increase in each of these particulars was smaller in these 4 cities than in the state as a whole. The city of Knoxville shows the most rapid growth, the value of products having increased from $5,020,116 in 1890 to $6,943,595 in 1900, or 38.3 per cent. In Nashville, the leading manufacturing city, the number of establishments increased from 420 to 489, or 16.4 per cent; the number of wage-earners from 7,275 to 8,447, or 16.1 per cent; and the value of products from $14,590,823 to $18,469,823, or 26.6 per cent. The number of establishments, number of wage-earners, and value of products in this city in 1900 constituted 6.1, 16.7, and 17.1 per cent, respectively, of the totals for the state.

Table 5 presents the totals for the manufacturing industries of the 18 cities and towns withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and towns, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	PRODUCTS.			POPULATION.		
				Average number.	Total wages.			Value.	Rank.	Per cent of total.	Total.	Rank.	Per cent of total.
Total for state	8,016	$71,814,038	9,818	50,504	$16,647,638	$6,235,557	$63,857,511	$108,144,565	-------	100.0	2,020,616	-------	100.0
Total for urban manufactures	2,416	47,014,199	2,702	34,093	11,967,174	4,385,982	39,772,026	69,411,208	-------	64.2	311,872	-------	15.4
Bristol	59	742,605	66	511	138,898	109,020	533,743	988,073	11	0.9	5,271	8	0.3
Brownsville	25	78,554	34	59	15,240	10,711	68,338	128,432	18	0.1	2,645	15	0.1
Chattanooga	332	8,103,870	332	5,472	1,889,795	778,998	7,322,503	12,033,780	3	11.1	30,154	4	1.5
Clarksville	105	1,402,405	131	912	247,202	257,310	1,698,720	2,765,876	5	2.6	9,431	6	0.5
Cleveland	29	238,785	30	453	97,653	15,832	267,301	464,412	16	0.4	3,858	10	0.2
Columbia	167	574,789	191	648	198,636	43,985	775,165	1,221,168	8	1.1	6,052	7	0.3
Dayton	21	621,268	22	606	134,030	20,272	952,783	1,332,591	7	1.2	2,004	17	0.1
Dyersburg	36	532,375	38	233	83,364	27,198	397,782	638,926	13	0.6	3,647	11	0.2
Harriman	38	473,018	37	325	87,231	14,408	449,311	615,441	14	0.6	3,442	12	0.2
Humboldt	30	177,563	41	188	51,593	13,290	142,616	267,411	17	0.2	2,866	14	0.1
Jackson	84	1,123,632	87	1,205	467,340	75,371	847,514	1,894,149	6	1.8	14,511	5	0.7
Johnson City	45	1,239,406	51	549	121,334	29,383	607,688	1,046,537	10	1.0	4,645	9	0.2
Knoxville	218	5,151,130	255	4,714	1,473,543	306,795	3,877,772	6,943,595	4	6.4	32,637	3	1.6
Memphis	659	11,189,249	715	8,433	3,641,435	1,078,649	9,656,969	17,923,059	2	16.6	102,320	1	5.0
Nashville	489	13,173,422	587	8,447	2,889,241	1,440,394	10,472,173	18,469,823	1	17.1	80,865	2	4.0
South Pittsburg	20	1,664,410	20	678	205,288	130,725	736,211	1,188,616	9	1.1	1,789	18	0.1
Trenton	24	312,048	29	469	165,646	16,761	582,121	930,849	12	0.9	2,328	16	0.1
Union City	35	215,670	36	191	59,705	16,880	383,316	558,470	15	0.5	3,407	13	0.2
Total for state exclusive of urban manufactures	5,600	24,799,839	7,116	16,411	4,680,464	1,849,575	24,085,485	38,733,357	-------	35.8	1,708,744	-------	84.6
Per cent of urban manufactures to total for state	30.1	65.5	27.5	67.5	71.9	70.3	62.3	64.2	-------	-------	15.4	-------	-------

Of the 8,016 establishments in the state, 2,416, or 30.1 per cent, were located in these 18 cities and towns. They furnished employment to 34,093 wage-earners, or 67.5 per cent of the total number, and the value of their products, $69,411,208, formed 64.2 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Chattanooga, Knoxville, Memphis, and Nashville by specified industries.

Table 9 shows the totals for the cities and towns withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

	COUNTIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	8,016	$71,814,038	$7,889,887	$12,486,161	$20,396,865	$31,041,125	9,818	3,673	$3,261,347	50,504	$16,647,638
2	Anderson	70	224,389	89,575	11,620	43,994	79,200	92	3	780	134	40,512
3	Bedford	83	432,154	47,240	105,184	153,942	125,788	110	4	2,917	214	53,225
4	Benton	35	66,666	6,925	3,110	26,406	30,225	50	------	------	41	10,420
5	Bledsoe	25	57,592	12,935	7,834	28,658	8,165	32	1	300	16	4,692
6	Blount	75	375,166	66,640	44,169	140,034	124,323	97	11	3,323	242	55,569
7	Bradley	84	364,385	37,765	45,585	124,170	156,865	104	24	17,500	580	129,433
8	Campbell	83	195,939	62,540	27,860	60,677	44,862	85	8	3,207	145	44,172
9	Cannon	39	50,205	4,940	10,892	23,335	11,038	49	------	------	34	8,585
10	Carroll	91	246,531	23,455	28,675	95,194	99,207	137	10	2,585	217	47,301
11	Carter	74	286,068	46,975	42,090	94,056	102,947	84	20	14,260	250	63,825
12	Cheatham	23	130,010	32,490	27,025	51,420	19,075	30	7	7,800	88	22,018
13	Chester	43	78,911	6,570	5,915	31,453	34,973	68	------	------	72	21,217
14	Claiborne	67	163,736	19,194	21,880	113,344	9,318	74	13	7,551	112	27,094
15	Clay	21	21,930	405	1,175	13,290	7,060	26	------	------	25	6,079
16	Cocke	73	550,883	27,322	38,462	81,400	403,699	89	2	2,580	155	42,790
17	Coffee	69	469,951	54,234	55,400	162,219	198,098	84	27	19,010	369	101,727
18	Crockett	54	112,945	17,250	13,920	54,630	27,145	75	------	------	75	17,081
19	Cumberland	26	32,188	7,233	2,920	12,990	9,045	54	------	------	39	9,503
20	Davidson	581	15,048,163	1,109,293	2,528,028	4,472,069	6,938,773	686	1,098	939,154	9,436	3,187,155
21	Decatur	88	75,661	11,347	4,040	27,704	32,570	53	------	------	50	13,948
22	Dekalb	47	71,548	7,803	12,965	38,675	12,105	59	1	375	27	7,526
23	Dickson	79	387,028	63,705	73,111	95,324	154,888	109	13	9,995	392	122,155
24	Dyer	70	746,213	181,053	62,112	216,307	286,741	79	28	20,700	454	154,183
25	Fayette	52	90,579	4,680	17,070	58,950	9,879	64	8	2,050	66	14,358
26	Fentress	21	41,545	5,710	3,885	19,875	12,075	29	------	------	15	4,658
27	Franklin	59	334,793	91,249	63,670	95,130	84,744	66	22	17,220	231	72,327
28	Gibson	153	773,381	69,708	113,268	274,178	316,227	213	40	22,291	877	282,872
29	Giles	109	304,846	15,360	41,515	100,450	147,521	148	12	4,050	237	65,874
30	Grainger	45	60,188	11,185	7,720	31,845	9,438	58	------	------	31	10,265
31	Greene	108	376,644	13,649	70,530	107,667	184,798	132	8	12,300	178	50,054
32	Grundy	24	204,082	86,271	13,785	75,385	28,641	24	8	1,601	183	43,680
33	Hamblen	61	172,651	11,300	21,000	70,246	70,105	73	16	6,240	81	22,594
34	Hamilton	394	9,254,228	728,699	1,559,401	2,117,672	4,848,456	399	573	538,245	6,228	2,133,583
35	Hancock	28	24,623	2,957	4,870	14,000	2,796	32	------	------	8	1,798
36	Hardeman	69	111,920	4,381	13,445	49,899	44,195	90	8	8,479	124	45,679
37	Hardin	64	122,549	25,522	14,440	57,074	25,513	85	5	610	118	27,982
38	Hawkins	81	89,209	6,927	22,285	46,039	13,958	92	7	1,300	64	19,174
39	Haywood	85	294,547	60,155	23,075	107,849	103,468	115	12	4,581	230	62,030
40	Henderson	72	123,541	8,617	9,562	60,631	44,731	110	1	720	108	28,814
41	Henry	94	253,637	16,490	29,770	98,818	108,559	111	12	5,450	313	87,604
42	Hickman	76	477,239	66,054	62,345	141,920	206,920	121	13	9,800	318	80,004
43	Houston	20	151,690	53,745	12,825	22,850	62,270	23	9	6,880	228	62,732
44	Humphreys	67	202,194	23,962	17,383	60,092	100,757	81	8	2,590	172	50,684
45	Jackson	35	53,930	8,591	6,859	19,338	19,142	50	1	300	37	14,269
46	James	20	123,462	6,998	13,296	46,175	56,993	28	7	15,625	48	16,222
47	Jefferson	90	229,905	24,785	32,005	84,226	88,889	115	15	8,100	127	27,170
48	Johnson	42	45,742	7,865	10,007	22,190	5,680	58	1	300	19	5,345
49	Knox	336	6,182,808	416,567	786,515	2,449,024	2,530,702	394	326	310,897	5,479	1,686,823
50	Lake	30	263,083	59,825	20,585	76,738	105,935	36	7	2,843	163	56,031
51	Lauderdale	82	313,535	112,330	27,500	99,362	74,343	109	9	1,935	219	64,031
52	Lawrence	84	240,045	35,965	28,170	96,817	79,093	125	10	3,600	391	100,153
53	Lewis	24	323,302	19,390	138,523	51,210	114,179	30	10	7,637	96	40,419
54	Lincoln	103	268,148	19,458	44,285	106,250	98,155	132	9	5,470	215	65,759
55	Loudon	56	873,936	159,785	256,645	243,280	214,226	68	14	18,480	311	93,064
56	McMinn	81	366,702	29,110	51,234	128,997	157,361	96	12	9,990	231	53,086
57	McNairy	64	112,063	31,526	10,605	48,823	21,109	84	1	300	76	17,650
58	Macon	39	68,102	6,330	5,252	31,000	25,520	52	1	300	77	22,857
59	Madison	139	1,279,914	93,699	194,545	369,038	622,632	163	116	86,164	1,335	503,366
60	Marion	53	1,884,347	167,816	895,720	205,354	615,457	63	31	30,981	796	236,066
61	Marshall	60	160,605	10,715	18,092	63,820	67,978	87	5	2,680	259	67,253
62	Maury	244	776,844	98,230	139,255	256,298	283,061	297	36	26,956	753	233,087
63	Meigs	25	64,338	26,645	7,475	26,850	3,368	44	------	------	19	5,468
64	Monroe	78	309,696	10,745	46,864	139,071	113,016	88	17	14,823	409	89,791
65	Montgomery	159	1,543,014	115,687	274,071	271,664	881,592	200	115	110,171	994	269,793
66	Moore	23	106,219	10,004	15,085	14,225	66,905	25	3	2,250	40	10,727
67	Morgan	38	156,414	55,522	5,410	40,197	55,285	52	5	2,500	87	23,256
68	Obion	99	596,542	76,896	72,654	179,117	267,875	124	28	19,410	421	147,364
69	Overton	55	82,310	16,130	5,805	27,800	32,575	68	6	6,000	47	16,477
70	Perry	37	88,834	9,775	7,777	25,813	45,469	44	------	------	61	15,170
71	Pickett	15	15,910	1,725	2,197	6,965	5,023	17	------	------	8	2,090
72	Polk	43	289,408	50,108	51,270	47,623	140,407	48	9	12,000	191	66,405
73	Putnam	66	284,489	29,965	20,067	64,194	170,263	70	17	15,540	225	63,782
74	Rhea	45	672,703	7,280	391,450	143,676	130,297	47	11	6,160	648	144,510
75	Roane	110	1,449,838	138,940	578,648	278,366	453,884	116	47	38,355	600	179,363
76	Robertson	67	392,057	23,282	46,120	81,095	241,560	91	7	4,370	199	58,662

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
42,492	$15,201,266	5,841	$1,197,214	2,171	$249,158	$6,235,557	$591,863	$410,178	$4,732,921	$500,595	$63,857,511	$61,164,386	$2,693,125	$108,144,565	1
131	39,777	1	450	2	285	3,581	517	742	2,262	60	143,871	143,408	463	260,857	2
158	47,028	39	4,958	17	1,239	15,739	1,055	1,444	13,240	------	378,696	373,739	4,957	540,566	3
39	10,230	------	------	2	190	2,118	466	204	1,448	------	47,526	47,034	492	83,375	4
15	4,472	------	------	1	220	519	49	345	125	------	36,522	36,401	121	62,557	5
153	43,094	58	9,825	31	2,650	9,220	839	1,629	6,652	100	327,365	323,882	3,483	478,059	6
293	81,584	233	41,429	54	6,420	17,662	1,702	1,829	6,981	7,150	404,599	398,519	6,080	699,348	7
133	41,972	7	1,885	5	315	6,401	1,091	786	4,524	------	147,586	146,655	931	259,349	8
32	8,424	------	------	2	161	3,747	414	310	3,023	------	68,470	67,777	693	106,118	9
201	45,125	6	1,273	10	903	8,967	978	979	7,010	------	266,962	262,590	4,372	418,905	10
208	58,523	23	3,961	19	1,341	15,887	740	1,777	13,370	------	349,365	348,028	1,337	564,864	11
79	21,018	------	------	9	1,000	15,624	70	994	14,560	------	132,314	128,304	4,010	211,380	12
65	19,772	3	870	4	575	2,874	433	519	1,922	------	74,235	73,284	951	140,920	13
112	27,094	------	------	------	------	6,880	4,514	525	1,841	------	107,082	106,648	434	186,957	14
25	6,079	------	------	------	------	1,257	583	133	391	150	23,575	23,431	144	45,575	15
144	41,641	4	440	7	709	57,173	1,169	2,747	53,207	50	632,991	632,051	940	829,977	16
338	97,333	6	660	25	3,734	87,083	2,156	1,989	82,923	15	471,081	464,409	6,672	837,417	17
73	16,640	2	441	------	------	3,263	343	679	2,241	------	103,594	101,295	2,299	187,271	18
38	9,403	------	------	1	100	1,234	155	175	904	------	28,233	28,119	114	55,796	19
7,825	2,761,933	1,715	380,165	396	45,057	1,499,381	121,907	96,203	952,260	329,011	12,451,775	12,241,457	210,318	21,028,999	20
50	13,948	------	------	------	------	1,620	178	286	436	720	68,692	68,228	464	135,012	21
20	6,556	3	540	4	430	2,187	130	451	1,606	------	89,955	88,468	1,487	137,710	22
367	117,504	2	236	23	4,415	12,161	1,387	1,175	9,599	------	349,785	281,053	68,732	584,840	23
436	151,208	9	1,710	9	1,265	38,399	3,230	4,049	31,120	------	634,448	626,198	8,250	1,046,684	24
64	13,758	1	450	1	150	2,806	556	558	1,532	60	29,466	27,317	2,149	36,825	25
14	4,458	------	------	1	200	691	38	295	358	------	25,241	25,163	78	42,675	26
204	69,132	9	1,680	18	1,515	53,426	1,213	1,930	50,249	34	902,409	888,282	14,127	1,181,547	27
745	261,922	59	13,589	73	7,361	48,163	3,777	4,506	38,530	1,350	1,081,582	1,062,386	19,196	1,758,578	28
230	64,769	4	600	3	505	40,621	2,358	1,102	36,711	450	484,337	477,709	6,628	749,828	29
31	10,265	------	------	------	------	2,019	215	462	1,342	------	95,126	94,966	160	147,382	30
136	42,272	26	6,427	16	1,355	55,016	1,092	2,055	51,819	50	331,131	327,693	3,438	572,332	31
177	42,420	1	150	5	1,110	7,614	455	726	6,433	------	124,620	124,568	52	201,718	32
69	20,678	11	1,700	1	216	14,956	2,886	1,404	10,366	300	384,328	380,128	4,200	489,465	33
5,534	1,998,173	528	116,993	166	18,417	1,161,077	60,939	49,509	1,004,348	46,281	8,191,542	7,728,842	462,700	13,839,811	34
8	1,798	------	------	------	------	4,351	30	277	4,015	29	45,240	44,848	392	59,202	35
119	44,901	2	390	3	388	3,834	1,222	545	2,067	------	108,939	106,840	2,099	244,542	36
114	27,562	1	152	3	268	9,618	615	483	8,520	------	107,295	105,188	2,107	215,037	37
53	17,817	7	757	4	600	5,898	552	626	4,685	35	206,415	205,767	648	288,808	38
220	60,185	6	1,354	4	491	14,418	3,000	1,165	3,271	6,982	175,302	171,953	3,349	395,546	39
103	28,119	------	------	5	695	4,815	675	748	3,392	------	132,388	131,012	1,376	227,494	40
259	78,730	36	6,890	18	1,984	70,147	2,895	1,385	65,767	100	351,110	346,686	4,424	635,367	41
308	78,156	7	1,548	3	300	5,164	906	982	3,216	60	395,465	352,896	42,569	616,127	42
191	58,550	------	------	37	4,182	3,604	572	989	2,043	------	205,713	196,391	9,322	333,306	43
165	48,870	4	1,420	3	394	4,505	730	487	3,288	------	167,056	165,822	1,234	298,191	44
28	13,619	------	------	9	650	8,891	278	211	8,402	------	62,925	62,385	540	103,333	45
48	16,222	------	------	------	------	6,422	154	321	5,932	15	103,029	101,237	1,792	182,683	46
74	20,768	28	3,940	25	2,462	11,077	1,730	997	7,792	558	247,967	245,040	2,927	355,235	47
19	5,345	------	------	------	------	6,136	48	555	5,533	------	53,957	53,691	266	83,247	48
3,834	1,441,254	1,347	217,860	298	27,709	365,251	55,721	27,421	278,585	3,524	4,615,472	4,492,634	122,838	8,262,561	49
156	54,171	2	910	5	950	5,053	603	1,627	2,753	70	134,715	133,409	1,306	313,259	50
185	58,458	16	3,460	18	2,113	4,984	1,442	970	2,572	------	186,817	182,969	3,848	395,906	51
312	90,000	54	7,870	25	2,283	7,002	894	996	5,024	88	318,387	316,177	2,210	567,380	52
96	40,419	------	------	------	------	4,524	54	974	3,496	------	162,873	90,255	72,618	251,859	53
198	63,163	9	1,750	8	846	16,942	1,871	1,268	13,053	750	373,320	368,758	4,562	595,693	54
306	92,160	2	180	3	724	17,308	1,977	1,936	13,395	------	756,368	741,519	14,849	921,489	55
140	42,468	70	9,102	21	1,516	6,681	396	2,467	3,813	5	434,270	429,538	4,732	627,940	56
78	17,343	------	------	3	307	3,412	353	545	2,514	------	79,038	77,374	1,664	155,873	57
75	22,692	1	115	1	50	1,604	12	335	1,257	------	111,159	110,463	696	192,116	58
1,204	474,626	125	27,970	6	770	80,170	9,614	8,715	61,741	100	947,154	921,529	25,625	2,093,845	59
759	229,577	13	2,320	24	4,169	143,132	1,855	7,353	127,899	6,025	897,868	646,329	251,539	1,458,700	60
206	55,698	45	10,648	8	907	9,507	1,305	873	7,309	20	265,796	262,791	3,005	432,270	61
604	205,756	108	22,906	41	4,425	50,361	8,204	4,683	35,251	2,223	1,178,885	1,160,511	18,374	1,759,870	62
15	4,814	2	360	2	294	829	150	321	358	------	47,382	46,853	529	72,913	63
200	60,779	56	17,633	113	11,379	14,813	930	1,784	11,149	950	371,298	367,239	4,059	552,689	64
777	237,852	136	23,906	81	8,035	261,062	23,006	7,246	224,910	5,900	1,840,617	1,766,459	74,158	2,990,908	65
39	10,477	1	250	------	------	20,024	240	491	19,288	5	62,678	58,923	3,755	132,028	66
85	22,980	------	------	2	276	2,378	154	581	1,643	------	81,440	81,270	170	147,937	67
365	137,710	51	9,056	5	598	25,480	3,299	3,505	18,676	------	870,781	859,867	10,914	1,326,016	68
45	15,727	2	750	------	------	1,379	471	372	536	------	98,544	98,276	268	159,924	69
50	13,670	8	1,248	3	252	1,062	161	270	631	------	83,398	82,615	783	128,208	70
8	2,090	------	------	------	------	115	------	60	55	------	15,920	15,875	45	23,822	71
179	64,484	------	------	12	1,921	7,633	2,500	1,088	4,045	------	289,363	239,678	49,685	588,177	72
210	61,623	------	------	15	2,159	11,738	371	1,283	10,034	50	217,728	216,090	1,638	420,137	73
640	143,468	2	320	6	722	22,505	1,229	2,308	18,918	50	1,041,135	711,588	329,547	1,457,361	74
564	174,469	10	1,854	26	3,040	41,114	2,683	6,181	31,850	400	1,058,189	845,813	212,376	1,511,721	75
177	55,500	1	400	21	2,762	201,768	1,089	1,601	198,778	300	382,884	376,657	6,227	779,484	76

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
77	Rutherford	94	$395,257	$36,971	$65,695	$105,860	$186,731	113	15	$4,902	245	$64,512
78	Scott	42	428,469	60,603	90,857	106,930	170,079	51	10	11,320	224	64,577
79	Sequatchie	15	34,908	8,722	2,170	16,390	7,626	17	------	------	22	6,023
80	Sevier	83	146,234	80,640	8,945	42,430	14,219	101	------	------	88	19,455
81	Shelby	736	11,491,006	1,555,476	1,611,843	3,214,170	5,109,517	801	525	631,841	8,784	3,763,586
82	Smith	46	102,558	3,495	11,080	41,180	46,803	59	7	2,980	78	34,565
83	Stewart	50	251,117	41,931	10,020	37,724	161,442	65	1	780	201	57,657
84	Sullivan	130	865,813	192,629	106,842	164,344	401,998	157	66	42,986	580	158,013
85	Sumner	78	217,405	18,943	21,686	79,061	97,715	108	10	6,023	184	57,806
86	Tipton	59	192,508	38,866	27,285	90,530	35,827	79	12	3,355	90	23,585
87	Trousdale	17	59,600	13,500	8,300	21,590	16,210	22	1	1,000	29	10,645
88	Unicoi	25	110,215	25,295	10,710	43,085	31,125	25	6	1,980	95	34,414
89	Union	54	49,702	5,303	11,659	20,790	11,950	73	1	300	15	4,655
90	Van Buren	14	19,450	4,430	1,590	6,500	6,930	17	------	------	13	3,830
91	Warren	82	364,485	25,253	82,080	134,067	123,085	90	22	13,220	448	100,835
92	Washington	131	1,747,681	208,544	428,232	333,040	777,865	146	44	37,583	835	167,287
93	Wayne	57	946,792	344,289	344,232	67,221	191,050	82	13	14,014	267	99,631
94	Weakley	99	473,571	48,072	39,305	132,925	253,269	147	16	13,392	358	110,870
95	White	43	226,019	13,163	26,505	76,989	109,362	52	7	4,390	147	39,738
96	Williamson	84	285,044	27,290	58,640	87,444	111,670	101	9	8,380	136	41,472
97	Wilson	93	135,611	11,273	18,683	58,138	47,517	119	5	2,320	107	31,997

TABLE 7.—MANUFACTURES BY

1	All industries	8,016	$71,814,038	$7,889,887	$12,486,161	$20,396,865	$31,041,125	9,818	3,673	$3,261,347	50,504	$16,647,638
2	Agricultural implements	11	417,689	27,465	60,850	65,538	263,836	11	38	35,065	373	113,425
3	Awnings, tents, and sails	3	3,900	------	------	1,500	2,400	3	------	------	12	5,854
4	Bags, other than paper	3	309,739	3,717	------	45,722	260,300	4	20	13,285	91	23,214
5	Baking and yeast powders	4	81,100	------	------	14,100	67,000	5	25	25,660	68	15,120
6	Bicycle and tricycle repairing	35	38,268	750	2,400	15,545	19,573	38	------	------	51	15,801
7	Blacksmithing and wheelwrighting	1,007	619,889	79,098	103,303	148,272	289,216	1,210	4	1,388	635	230,392
8	Boots and shoes, custom work and repairing.	196	65,030	6,100	5,835	25,285	27,810	202	1	260	99	38,179
9	Boxes, fancy and paper	6	64,316	------	------	20,900	43,416	7	15	10,542	174	33,257
10	Boxes, wooden packing	10	97,062	5,999	8,700	28,465	53,898	12	13	8,531	120	31,116
11	Bread and other bakery products	76	655,922	77,550	79,100	304,526	194,746	96	75	37,290	360	157,573
12	Brick and tile	91	891,095	148,572	206,834	156,862	378,827	121	34	31,020	1,152	293,335
13	Brooms and brushes	27	27,216	1,945	6,750	4,760	13,761	36	3	1,920	81	30,729
14	Carpentering	183	528,575	49,066	74,670	67,155	337,684	237	8	5,033	985	436,688
15	Carriage and wagon materials	24	379,392	6,070	41,094	102,064	230,164	26	34	27,028	550	141,938
16	Carriages and wagons	99	774,749	99,048	132,948	110,928	431,825	126	43	44,462	621	258,734
17	Cars and general shop construction and repairs by steam railroad companies.	16	1,319,628	162,517	447,145	287,159	422,807	------	65	58,606	2,817	1,459,319
18	Charcoal	3	89,192	25	40,025	5	49,137	3	------	------	125	42,820
19	Cheese, butter, and condensed milk, factory product.	12	36,175	2,455	9,500	19,175	5,045	4	6	2,340	20	4,193
20	Clothing, men's, custom work and repairing.	141	274,919	10,200	14,800	27,027	222,892	157	29	25,000	494	259,404
21	Clothing, men's, factory product	22	747,650	25,200	64,814	82,481	575,155	31	76	70,215	1,513	323,949
22	Clothing, women's, dressmaking	77	54,974	3,225	6,550	9,751	35,448	77	6	13,000	340	91,786
23	Coffee and spice, roasting and grinding	9	118,246	1,700	6,500	15,600	94,446	13	25	25,100	36	10,496
24	Coffins, burial cases, and undertakers' goods.	10	440,196	32,900	48,144	57,463	301,689	3	52	68,500	287	117,868
25	Coke	8	607,322	144,412	44,800	385,840	32,270	------	22	14,281	477	127,539
26	Confectionery	31	388,191	9,300	18,400	162,467	203,024	41	69	54,432	368	111,336
27	Cooperage	32	194,466	54,760	18,820	16,722	104,164	37	11	11,080	500	161,149
28	Cotton, ginning[1]	282	476,538	20,107	90,255	345,508	20,668	388	26	4,157	352	43,172
29	Cotton goods	17	3,767,726	152,243	891,197	1,832,928	891,358	3	47	54,364	2,108	422,935
30	Dyeing and cleaning	39	28,112	1,000	1,800	12,425	12,887	50	3	1,500	68	24,275
31	Electrical construction and repairs	9	28,500	------	------	2,900	25,600	10	5	4,600	50	20,212
32	Fertilizers	5	950,397	76,947	313,519	68,339	491,592	4	45	48,568	443	94,101
33	Flouring and grist mill products	1,618	5,931,037	554,033	1,287,592	2,254,527	1,834,885	1,938	219	192,431	1,154	544,722
34	Food preparations	5	56,123	500	4,100	27,580	23,943	3	13	9,300	35	11,260
35	Foundry and machine shop products	97	3,768,565	397,116	536,305	956,136	1,879,008	99	171	159,988	3,282	1,185,211
36	Fruits and vegetables, canning and preserving.	11	35,824	880	5,880	9,825	19,239	19	16	2,043	116	15,216
37	Furnishing goods, men's	3	29,500	500	500	1,000	27,500	5	------	------	32	8,260
38	Furniture, cabinetmaking, repairing, and upholstering.	80	99,990	10,435	10,380	14,979	64,196	109	4	4,700	81	37,299
39	Furniture, factory product	23	951,756	66,192	154,248	154,954	576,362	19	69	66,468	1,015	303,228
40	Gas and lamp fixtures	5	33,357	7,000	11,500	8,945	5,912	2	6	5,174	56	22,298
41	Gas, illuminating and heating	11	2,303,544	284,000	198,400	1,656,370	164,774	------	49	41,049	218	64,539
42	Hairwork	3	1,455	------	------	255	1,200	3	------	------	3	1,056
43	Hand stamps	3	2,825	------	------	2,300	525	3	------	------	1	600
44	Hardware, saddlery	3	18,700	------	------	9,700	9,000	------	3	1,300	36	8,600
45	Hosiery and knit goods	4	216,950	4,200	37,200	102,000	73,550	------	12	15,300	511	72,980
46	Ice, manufactured	27	1,103,501	194,950	243,176	530,695	134,680	20	67	58,622	385	177,461

[1] Does not include many ginneries operated in connection with saw, grist, and cottonseed-oil mills, or for the use exclusively of plantations on which they are located. For the full number of ginneries in operation reference should be made to the special report on cotton ginning.

BY COUNTIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
215	$59,693	17	$2,896	13	$1,923	$43,003	$2,254	$2,375	$38,349	$25	$481,645	$476,414	$5,231	$741,643	77
223	64,377			1	200	15,454	338	651	14,460	5	159,312	151,679	7,633	275,390	78
21	5,748	1	275			1,317	113	148	1,056		63,843	63,791	52	89,492	79
72	18,825	10	300	6	330	2,031	793	526	712		135,867	134,962	905	204,127	80
8,009	3,554,984	587	175,081	188	33,521	1,094,288	206,436	97,533	728,873	61,446	9,868,375	9,660,824	207,551	18,478,848	81
67	33,663			11	902	20,337	567	969	18,301	500	172,803	170,033	2,770	273,261	82
200	57,567			1	90	6,669	1,647	1,039	3,931	52	161,288	133,551	27,737	293,991	83
461	138,116	73	13,668	46	6,229	112,876	7,392	3,025	102,245	214	739,827	732,756	7,071	1,283,228	84
169	56,393	4	475	11	938	12,902	4,508	1,258	7,101	35	239,842	236,226	3,616	398,717	85
90	23,585					7,398	735	724	5,939		116,849	113,498	3,351	208,412	86
28	10,445			1	200	6,623	397	143	6,083		145,293	143,193	2,100	189,500	87
95	34,414					26,683	324	1,127	25,175	57	97,360	96,672	688	214,224	88
14	4,555			1	100	8,217	93	577	7,547		95,887	94,988	899	131,358	89
13	3,830					392	152	57	183		16,393	16,368	25	29,561	90
299	77,888	124	20,409	25	2,538	18,254	462	1,901	15,891		347,508	343,022	4,486	561,212	91
756	159,358	18	2,725	61	5,204	46,131	5,113	12,351	26,867	1,800	1,038,207	889,930	148,277	1,700,374	92
264	99,251			3	380	38,140	484	1,643	14,159	21,854	366,531	247,896	118,635	668,523	93
317	104,213	16	3,579	25	3,078	24,269	2,408	1,996	19,740	125	594,031	586,713	7,318	913,431	94
103	31,947	40	7,560	4	231	37,094	720	578	35,796		183,626	182,448	1,178	324,809	95
131	40,922			5	550	20,845	2,581	1,196	16,706	362	357,368	352,472	4,896	510,628	96
95	29,217	9	2,495	3	285	6,557	2,620	819	3,018	100	200,872	197,703	3,169	322,935	97

SPECIFIED INDUSTRIES: 1900.

42,492	$15,201,266	5,841	$1,197,214	2,171	$249,158	$6,235,557	$591,863	$410,178	$4,732,921	$500,595	$63,857,511	$61,164,386	$2,693,125	$108,144,565	1
354	110,834	3	480	16	2,111	12,170	245	1,669	10,196	60	201,712	193,134	8,578	463,406	2
6	4,028	6	1,826			1,355	960	85	160	150	12,475	12,405	70	25,233	3
44	14,845	47	8,369			24,574	2,580	150	21,844		261,431	260,736	695	344,869	4
12	5,900	56	9,220			14,766	2,170	304	12,292		108,654	107,846	808	221,800	5
47	15,421			4	380	7,130	5,363	303	1,264	200	27,843	27,510	333	84,411	6
622	229,412			13	980	46,747	34,993	2,668	8,442	644	357,058	331,202	25,856	1,243,902	7
97	37,958	1	117	1	104	18,862	15,930	349	2,088	495	71,891	70,630	1,261	229,144	8
68	13,910	106	19,347			6,483	3,815	288	2,380		62,918	61,873	1,045	132,489	9
96	27,516	4	714	20	2,886	10,107	123	457	9,527		61,487	59,997	1,490	134,126	10
315	149,932	19	4,299	26	3,342	57,923	18,534	4,697	34,692		682,752	670,183	12,569	1,103,219	11
1,075	283,887			77	9,448	60,712	6,155	4,579	49,658	320	165,819	37,013	128,806	684,900	12
76	30,373			5	356	1,631	1,197	85	349		67,140	66,939	201	127,148	13
983	436,303			2	385	243,816	11,135	2,995	16,538	213,148	1,012,897	1,007,588	5,309	2,025,586	14
523	138,906			27	3,032	33,947	1,724	1,258	28,869	2,096	270,757	267,100	3,657	597,725	15
616	257,629	1	250	4	855	42,906	13,566	4,339	23,669	1,332	519,544	510,446	9,098	1,127,898	16
2,810	1,457,718	7	1,601			66,765		12,478	54,287		1,528,363	1,506,905	21,458	3,113,053	17
125	42,820					21,754				21,754	4,683	4,683		75,487	18
14	3,755	3	258	3	180	1,113	100	144	869		49,846	48,671	1,175	69,722	19
409	234,404	81	24,622	4	378	92,166	44,030	2,060	10,427	35,649	337,994	334,387	3,607	974,293	20
258	90,702	1,234	231,004	21	2,243	40,515	13,606	2,734	20,675	3,500	960,641	953,964	6,677	1,631,075	21
2	2,000	337	89,680	1	106	13,621	10,364	277	2,885	95	151,480	150,993	487	332,004	22
18	7,028	17	3,398	1	70	5,990	3,010	419	2,561		104,166	101,645	2,521	271,704	23
246	107,615	7	2,292	34	7,956	21,077	702	1,957	17,750	668	328,537	323,490	5,047	625,381	24
468	125,469			9	2,070	24,736	3,940	1,169	18,602	6,025	522,966	519,496	3,470	764,890	25
194	79,263	163	30,473	11	1,600	67,039	17,458	2,240	47,152	189	459,267	452,174	7,093	886,129	26
458	156,067			42	5,082	10,342	2,447	1,089	6,806		261,638	252,172	9,466	521,681	27
351	43,106			1	66	12,249	2,969	2,767	6,513		89,734	73,487	16,247	364,618	28
807	214,140	918	168,135	383	40,660	142,878	450	12,468	129,960		1,143,234	1,103,408	39,826	1,994,935	29
52	19,888	15	4,243	1	144	10,505	7,505	280	2,720		12,400	11,001	1,399	80,123	30
50	20,212					5,597	2,870	160	1,972	595	73,976	73,900	76	125,154	31
443	94,101					110,953		2,713	108,240		790,101	773,030	17,071	1,466,288	32
1,144	543,181			10	1,541	273,851	18,426	36,210	218,369	846	18,491,948	18,339,415	152,533	21,798,929	33
31	10,968			4	292	6,662	2,500	368	3,794		104,226	100,475	3,751	143,099	34
3,259	1,181,331			23	3,880	220,288	15,803	23,955	179,362	1,168	2,199,081	2,089,576	109,505	4,479,489	35
24	4,992	56	6,539	36	3,685	207	2	83	122		37,598	36,962	636	72,007	36
21	5,540	11	2,720			765	400	25	340		47,457	47,417	40	73,500	37
78	36,987	2	259	1	53	10,837	7,352	488	2,126	871	45,279	44,653	626	152,527	38
903	287,898	33	3,730	79	11,600	82,943	2,510	3,662	75,421	1,350	520,196	512,941	7,255	1,106,623	39
48	19,081	5	2,587	3	630	3,182	534	174	2,474		25,566	24,275	1,291	72,546	40
218	64,539					116,848		50,760	66,088		135,110	131,307	3,803	572,490	41
		3	1,056			1,574	1,500		74		1,060	1,060		5,450	42
1	600					533	490	10	33		1,060	1,045	15	5,080	43
36	8,600					965	600	25	340		16,548	15,755	793	39,600	44
113	31,424	228	26,460	170	15,096	10,270		150	10,120		248,950	247,350	1,600	395,150	45
381	177,036			4	425	58,878	130	16,345	42,403		109,505	27,184	82,321	538,107	46

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
47	Iron and steel	16	$5,381,165	$701,960	$2,785,664	$391,833	$1,501,708	2	96	$118,244	1,979	$539,304
48	Ironwork, architectural and ornamental.	4	28,700	2,000	2,000	13,000	11,700	3	8	5,710	35	14,035
49	Leather, tanned, curried, and finished	44	3,444,197	94,530	400,620	470,725	2,478,322	55	29	35,496	803	239,870
50	Lime and cement	12	158,886	39,300	27,680	20,751	71,155	13	4	2,350	167	50,665
51	Liquors, distilled	51	590,302	20,027	64,677	81,985	423,613	55	11	7,550	139	43,341
52	Liquors, malt	4	1,277,772	111,000	443,534	271,586	451,652	1	31	51,500	288	129,782
53	Lock and gun smithing	26	35,314	6,050	2,850	10,789	15,625	32			16	9,446
54	Looking-glass and picture frames	5	8,815			715	8,100	6	2	1,440	8	2,103
55	Lumber and timber products	1,732	12,900,595	2,717,973	703,578	3,417,809	6,061,235	2,486	418	355,708	11,192	3,424,510
56	Lumber, planing mill products, including sash, doors, and blinds.	88	1,343,381	123,435	290,540	306,078	623,328	108	71	61,319	1,170	452,079
57	Marble and stone work	30	490,298	96,100	101,735	74,540	217,923	32	23	21,350	558	181,399
58	Masonry, brick and stone	29	133,668	16,200	12,100	25,725	79,643	35	26	11,625	549	194,150
59	Mattresses and spring beds	13	83,936	2,000	3,065	12,740	66,131	21	14	9,892	112	33,010
60	Millinery, custom work	193	337,922	30,695	37,890	13,510	255,827	255	75	40,418	404	131,908
61	Mineral and soda waters	23	190,410	37,150	55,900	46,675	50,685	32	14	16,252	99	40,649
62	Monuments and tombstones	59	143,931	24,405	7,927	16,193	95,406	78	56	17,330	179	78,238
63	Oil, cottonseed and cake	17	1,996,791	349,255	425,679	850,355	371,502	2	80	104,773	751	204,219
64	Painting, house, sign, etc	72	80,772	2,850	5,800	12,680	59,442	94	10	6,240	314	148,729
65	Paints	5	73,545	4,500	6,000	14,275	48,770	3	8	11,000	45	17,742
66	Paper hanging	10	33,150			2,150	31,000	11	10	6,830	62	25,210
67	Patent medicines and compounds	29	739,375	6,300	23,750	67,372	641,953	26	115	136,584	399	137,691
68	Paving and paving materials	7	18,500	550	2,550	3,800	11,600	5	5	3,270	55	11,620
69	Photography	65	114,297	7,706	12,634	51,723	42,234	77	15	7,322	80	39,489
70	Photolithographing and photoengraving.	3	8,675			4,750	3,925	2	2	2,000	17	5,228
71	Plastering and stuccowork	9	14,220	5,075	3,000	1,807	4,338	11	4	1,600	52	16,058
72	Plumbing, and gas and steam fitting	66	355,078	25,500	35,100	34,577	259,901	81	41	19,653	502	225,532
73	Pottery, terra cotta, and fire-clay products.	18	171,898	17,085	57,220	40,255	57,338	15	15	11,755	300	91,417
74	Printing and publishing, book and job	67	980,155	19,675	62,225	482,986	415,269	77	97	102,625	837	364,747
75	Printing and publishing, newspapers and periodicals.	217	2,622,242	119,386	411,482	1,066,170	1,025,204	239	403	329,140	951	456,418
76	Refrigerators	3	51,300	2,000	3,000	7,550	38,750	2	6	5,400	53	15,050
77	Roofing and roofing materials	22	192,503	6,800	12,403	13,999	159,301	29	16	17,392	110	40,157
78	Saddlery and harness	132	602,847	15,683	27,655	67,956	491,553	163	55	42,173	488	194,031
79	Sausage	7	71,950	25,600	33,400	3,950	9,000	8			11	5,032
80	Saws	3	20,420	2,450	3,900	7,500	6,570	2	1	1,000	15	8,547
81	Sewing machine repairing	4	1,210			560	650	5	1	100	2	820
82	Ship and boat building, wooden	3	1,020			320	700	3			11	2,560
83	Shirts	12	95,725			26,225	69,500	17	5	4,000	85	30,314
84	Slaughtering and meat packing, wholesale.	8	651,740	45,300	119,589	129,227	357,624	5	15	17,365	156	60,945
85	Soap and candles	6	326,019	21,700	50,250	75,125	178,944	8	37	30,557	167	58,034
86	Stencils and brands	3	9,700			5,000	4,700	5	1	200	11	4,400
87	Tinsmithing, coppersmithing, and sheet-iron working.	124	360,082	33,750	50,055	75,324	200,953	154	24	18,082	418	180,779
88	Tobacco, chewing, smoking, and snuff	35	1,318,414	79,148	198,829	167,702	872,735	32	106	108,241	615	152,043
89	Tobacco, cigars and cigarettes	35	90,547	3,250	7,300	5,810	74,187	40	5	4,360	161	80,228
90	Tobacco, stemming and rehandling	22	443,550	28,305	64,805	14,420	336,020	33	29	21,920	461	79,243
91	Trunks and valises	9	61,918	300	900	4,225	56,493	5	15	11,342	117	31,359
92	Watch, clock, and jewelry repairing	141	156,409	8,630	8,210	56,885	82,684	154	12	6,414	101	62,044
93	Wirework, including wire rope and cable.	6	7,943			4,818	3,125	5			21	9,300
94	Wood, turned and carved	28	274,048	21,370	43,234	82,492	126,952	29	17	15,370	400	126,661
95	Woodenware, not elsewhere specified	3	36,300	1,500	8,000	15,500	11,300	1	2	2,500	39	8,833
96	Woolen goods	51	2,399,518	57,103	271,816	1,189,560	881,039	29	64	67,673	1,632	294,116
97	All other industries[1]	64	1,853,584	234,114	374,581	468,485	776,404	57	150	134,680	1,072	306,919

[1] Embraces artificial limbs, 1; belting and hose, leather, 2; belting and hose, rubber, 1; bluing, 2; bookbinding and blank book making, 1; boots and shoes, factory product, 2; bottling, 1; brass castings and brass finishing, 1; bridges, 1; cars, steam railroad, not including operations of railroad companies, 1; cheese and butter, urban dairy products, 1; chemicals, 1; china decorating, 1; clothing, women's, factory product, 2; copper, smelting and refining, 1; cordage and twine, 2; cordials and sirups, 1; cotton, cleaning and rehandling, 1; cotton, compressing, 1; druggists' preparations, not including prescriptions, 1; dye stuffs and extracts, 1; electrical apparatus and supplies, 1; explosives, 2; fancy articles, not elsewhere specified, 1; flavoring extracts, 1; glass, cutting, staining, and

TABLE 8.—MANUFACTURES IN CITIES

CHATTANOOGA.

1	All industries	332	$8,103,870	$666,583	$1,402,205	$1,752,453	$4,282,629	332	486	$442,348	5,472	$1,889,795
2	Bicycle and tricycle repairing	8	7,250			1,950	5,300	8			10	3,150
3	Blacksmithing and wheelwrighting	12	3,188		50	1,020	2,118	20			15	8,343
4	Boots and shoes, custom work and repairing.	23	2,771		15	2,030	726	23			9	3,169
5	Bread and other bakery products	13	15,500	3,300	5,350	3,975	2,875	16	6	2,814	35	11,534
6	Brick and tile	3	58,118	11,000	9,500	13,000	24,618	3	4	3,900	132	35,816

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
1,973	$538,454			6	$850	$226,365	$10,147	$28,262	$192,956		$3,404,154	$1,798,174	$1,605,980	$5,080,624	47
34	13,895			1	140	1,550	820	80	650		67,752	67,070	682	123,800	48
799	239,586			4	284	91,197	1,060	12,969	77,168		2,184,311	2,179,917	4,394	2,802,117	49
167	50,665					2,492	480	665	1,147	$200	39,886	19,581	20,305	166,423	50
139	43,341					560,694	631	4,120	555,879	64	200,446	182,201	18,245	939,510	51
281	126,982			7	2,800	517,278		15,421	501,857		262,437	243,525	18,912	1,175,304	52
13	8,616	3	$830			5,750	5,052	136	562		10,067	9,575	492	43,598	53
4	1,400	1	275	3	428	2,302	1,043	55	1,204		5,775	5,770	5	21,845	54
10,832	3,367,115	118	25,767	242	31,628	402,409	23,526	58,417	319,746	720	10,008,275	10,005,676	2,599	18,127,784	55
1,137	447,788	1	260	32	4,031	85,198	4,536	8,362	42,300	30,000	1,330,800	1,318,200	12,600	2,323,247	56
553	180,640	1	169	4	590	15,269	6,031	1,249	6,699	1,290	109,531	99,199	10,332	568,127	57
549	194,150					36,356	1,292	542	2,466	32,056	188,044	185,318	2,726	500,846	58
93	30,064	14	2,946			13,748	4,353	645	8,750		183,242	180,202	3,040	267,410	59
11	5,380	392	126,471	1	57	34,399	24,799	2,275	7,325		441,705	440,609	1,096	868,194	60
91	39,563	1	312	7	774	9,670	2,750	2,348	4,572		54,713	53,981	732	173,578	61
178	77,938			1	300	12,680	3,343	1,172	8,115	50	141,517	140,488	1,029	356,276	62
747	203,470	4	749			183,222	210	16,661	166,351		2,277,855	2,210,933	66,922	2,980,041	63
311	148,194	1	200	2	335	11,115	8,153	260	2,452	250	154,910	154,466	444	427,920	64
42	17,142	3	600			5,160	996	291	3,873		88,995	86,274	2,721	150,790	65
62	25,210					7,860	3,550	451	2,185	1,674	43,109	43,007	102	105,350	66
170	80,078	221	56,593	8	1,020	449,868	13,516	5,557	430,795		525,193	521,691	3,502	1,504,282	67
55	11,620					1,614	304	50	1,260		54,326	54,021	305	100,445	68
53	30,518	23	8,706	4	265	21,540	13,002	2,171	6,347	20	59,401	58,793	608	197,488	69
14	4,890	2	260	1	78	1,062	540		522		2,696	2,012	684	13,900	70
52	16,058					1,889	487	159	869	374	15,545	15,487	58	43,911	71
500	225,410			2	122	33,985	17,044	2,524	12,917	1,500	455,572	452,151	3,421	923,659	72
291	90,696			9	721	50,832	100	1,276	49,456		74,244	38,414	35,830	259,710	73
662	322,937	159	38,831	16	2,979	64,964	25,401	6,340	31,127	2,096	435,319	425,081	10,238	1,249,941	74
697	395,188	152	47,887	102	13,343	300,890	26,212	9,698	178,688	86,292	446,540	425,020	21,520	2,205,112	75
51	14,700			2	350	20,425	1,600	390	3,435	15,000	32,750	32,350	400	81,300	76
107	39,793			3	364	11,296	3,220	425	7,651		274,403	273,308	1,095	412,123	77
425	182,587	15	5,298	48	6,146	41,461	26,978	2,768	11,541	174	669,333	663,743	5,590	1,165,489	78
11	5,032					2,370	1,200	360	810		27,978	27,466	512	42,940	79
15	8,547					4,917	300	125	4,492		9,113	8,428	685	36,996	80
2	820					464	380	28	56		2,229	2,181	48	4,315	81
11	2,560					39	14		25		3,710	3,710		8,097	82
10	7,300	75	23,014			14,978	10,796	325	537	3,320	60,827	60,215	612	142,600	83
152	60,775	4	170			25,268	347	1,513	23,258	150	1,453,128	1,438,983	14,145	1,671,218	84
134	46,434	33	6,600			21,013		3,125	17,888		414,164	409,192	4,972	545,529	85
11	4,400					1,590	1,110	60	420		4,180	4,100	80	16,300	86
411	179,879			7	900	27,156	16,852	1,684	7,420	1,200	330,519	325,804	4,715	744,171	87
348	106,334	193	37,508	74	8,201	557,149	1,665	3,472	552,012		516,369	507,784	8,585	1,541,475	88
143	76,691	7	2,121	11	1,416	35,708	4,654	552	30,502		118,738	118,494	244	290,647	89
302	60,925	35	11,687	74	6,631	28,916	1,025	1,934	25,657	300	904,289	901,499	2,790	1,178,480	90
110	30,696	1	108	6	555	9,072	7,440	110	1,522		79,825	79,422	403	163,559	91
97	60,744	2	1,100	2	200	25,077	18,694	784	3,389	2,210	43,786	42,776	1,010	240,908	92
21	9,300					1,458	1,340	35	83		19,175	18,791	384	41,140	93
384	123,696	1	200	15	2,765	21,384	2,851	1,279	17,254		222,260	217,431	4,829	463,875	94
39	8,833					4,028	240	88	3,700		16,029	15,809	220	51,360	95
557	148,317	759	116,228	316	29,071	86,141	355	8,045	77,741		874,359	860,295	14,064	1,517,194	96
740	258,096	207	38,645	125	10,178	126,057	13,236	6,484	75,837	30,500	1,826,999	1,748,346	78,653	2,786,627	97

ornamenting, 2; grease and tallow, 1; horseshoes, factory product, 1; house furnishing goods, not elsewhere specified, 1; ink, writing, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; jewelry, 1; kaolin and other earth grinding, 1; leather goods, 1; millinery and lace goods, 1; models and patterns, 1; musical instruments, pianos and materials, 1; paper goods, not elsewhere specified, 1; pipes, tobacco, 1; plumbers' supplies, 1; pumps, not including steam pumps, 1; safes and vaults, 1; show cases, 1; sporting goods, 1; stationery goods, not elsewhere specified, 2; sugar and molasses, refining, 2; surgical appliances, 1; umbrellas and canes, 1; upholstering materials, 2; vinegar and cider, 2; washing machines and clothes wringers, 2; wheelbarrows, 1.

BY SPECIFIED INDUSTRIES: 1900.

CHATTANOOGA.

4,899	$1,780,270	432	$94,530	141	$14,995	$778,998	$55,543	$46,305	$631,932	$45,218	$7,322,503	$6,882,605	$439,898	$12,033,780	1
9	3,070			1	80	1,271	1,021		250		1,910	1,900	10	10,070	2
15	8,343					1,136	1,134		2		4,366	4,138	228	25,540	3
8	3,052	1	117			1,298	1,281		17		6,485	6,445	40	19,414	4
30	10,627			5	907	2,881	2,448	110	323		33,104	32,217	887	78,840	5
132	35,816					16,762	750	832	15,180		27,780	2,574	25,206	96,225	6

TABLE 8.—MANUFACTURES IN CITIES

CHATTANOOGA—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
7	Carpentering	15	$12,088	$2,200	$3,000	$2,220	$4,668	19	1	$468	54	$31,844
8	Carriages and wagons	6	170,350	8,251	27,323	21,325	113,451	5	13	16,610	91	39,831
9	Cars and general shop construction and repairs by steam railroad companies.	3	154,200	38,300	32,500	50,900	32,500		11	8,950	334	196,890
10	Clothing, men's, custom work and repairing.	20	60,990	7,000	10,000	4,685	39,305	21	3	2,200	103	46,302
11	Clothing, women's, dressmaking	12	2,670	400	400	1,095	775	11			70	18,775
12	Confectionery	5	5,625			5,400	225	8			61	16,920
13	Dyeing and cleaning	4	1,175			125	1,050	6			7	2,250
14	Flouring and grist mill products	3	340,800	30,000	45,000	65,600	200,200	1	28	29,320	83	36,323
15	Foundry and machine shop products	22	1,580,190	183,666	223,555	363,292	809,677	18	76	67,323	1,376	413,412
16	Furniture, cabinetmaking, repairing, and upholstering.	8	7,069			1,672	5,397	11			18	5,688
17	Furniture, factory product	8	327,500	22,000	39,273	49,085	217,142		15	15,848	234	75,387
18	Gas and lamp fixtures	3	12,357	2,000	1,500	3,945	4,912	2	5	4,574	43	15,531
19	Iron and steel	3	523,644	40,575	187,173	99,272	196,624		12	14,375	193	70,718
20	Lumber and timber products	4	190,100	53,700	7,300	21,100	108,000	4	7	5,720	130	40,076
21	Lumber, planing mill products, including sash, doors, and blinds.	5	151,246	18,800	22,500	30,550	79,396		20	21,557	171	56,578
22	Masonry, brick and stone	3	4,100			800	3,300	5			56	19,850
23	Mattresses and spring beds	3	23,740	600	1,400	3,740	18,000	4	6	3,380	16	4,225
24	Millinery, custom work	4	9,815			1,515	8,300	6	2	1,800	26	5,727
25	Monuments and tombstones	4	6,100			325	5,775	4	7	1,850	7	2,695
26	Painting, house, sign, etc	9	3,465			690	2,775	10			37	13,583
27	Paper hanging	4	5,450			300	5,150	7	1	600	9	3,192
28	Patent medicines and compounds	7	145,078	1,000	2,500	22,668	118,910	6	29	25,294	118	51,265
29	Paving and paving materials	3	4,550	550	1,550	800	1,650	1	1	450	5	2,120
30	Photography	3	11,250			9,500	1,750	3			8	3,734
31	Plumbing, and gas and steam fitting	9	25,620	3,200	3,000	1,920	17,500	11	7	2,470	50	22,087
32	Pottery, terra cotta, and fire-clay products.	3	93,489	6,500	33,029	16,360	37,600	2	9	8,485	194	63,689
33	Printing and publishing, book and job	10	51,060		500	29,500	21,060	9	19	13,250	100	37,310
34	Printing and publishing, newspapers and periodicals.	5	352,904	34,261	156,000	101,724	60,919	4	46	31,805	85	58,552
35	Roofing and roofing materials	3	151,998	5,300	9,903	5,899	130,896	2	12	15,352	26	9,938
36	Saddlery and harness	7	20,975	1,300	3,800	5,575	10,300	7	5	1,968	59	16,921
37	Tinsmithing, coppersmithing, and sheet-iron working.	8	58,575	2,000	10,000	13,950	32,625	8	9	7,620	72	23,441
38	Tobacco, cigars and cigarettes	4	9,902			600	9,302	4	1	910	14	6,262
39	Watch, clock, and jewelry repairing	14	7,415			4,990	2,425	16			6	4,972
40	All other industries [1]	54	3,491,553	190,680	566,084	789,356	1,945,433	47	131	133,455	1,385	411,695

[1] Embraces agricultural implements, 1; awnings, tents, and sails, 1; baking and yeast powders, 1; bottling, 1; boxes, fancy and paper, 1; boxes, wooden packing, 2; brass castings and brass finishing, 1; brooms and brushes, 2; china decorating, 1; clothing, men's, factory product, 2; coffee and spice, roasting and grinding, 1; cordials and sirups, 1; cotton goods, 1; druggists' preparations, not including prescriptions, 1; electrical apparatus and supplies, 1; electrical construction and repairs, 2; food preparations, 1; gas, illuminating and heating, 2; hairwork, 1; hardware, saddlery, 2; ice, manufactured, 2; ironwork, architectural and ornamental, 1; jewelry, 1;

KNOXVILLE.

1	All industries	218	$5,151,130	$241,113	$585,808	$2,225,831	$2,098,378	255	268	$257,387	4,714	$1,473,543
2	Bicycle and tricycle repairing	3	4,435			2,650	1,785	3			14	3,514
3	Blacksmithing and wheelwrighting	7	4,025			1,535	2,490	8	1	468	18	6,354
4	Boots and shoes, custom work and repairing.	14	3,149			2,062	1,087	18			13	4,766
5	Bread and other bakery products	4	66,300	24,000	24,000	9,500	8,800	6	3	2,800	60	23,302
6	Carpentering	5	18,190	500	500	1,975	15,215	3			63	23,700
7	Carriages and wagons	6	42,280	500	500	5,624	35,656	7	3	6,348	78	29,461
8	Clothing, men's, custom work and repairing.	12	23,915	2,000	500	4,155	17,260	15	2	1,760	63	42,391
9	Clothing, men's, factory product	6	149,250			10,950	138,300	8	22	19,500	326	55,962
10	Clothing, women's, dressmaking	6	13,885			1,675	12,210	8	2	3,000	95	21,104
11	Coffins, burial cases, and undertakers' goods.	3	38,174	2,400	800	2,600	32,374		6	7,980	28	8,896
12	Confectionery	4	45,300			14,000	31,300	5	7	8,100	66	16,697
13	Dyeing and cleaning	6	6,212			2,800	3,412	7	3	1,500	15	5,144
14	Flouring and grist mill products	3	372,844	40,000	49,200	80,200	203,444	1	16	19,890	70	30,742
15	Foundry and machine shop products	11	140,625	21,200	10,300	55,800	53,325	8	8	5,460	169	53,920
16	Furniture, cabinetmaking, repairing, and upholstering.	5	4,063	2,000	600	810	653	6			1	260
17	Furniture, factory product	4	183,600	20,000	43,000	28,000	92,600	5	15	14,460	285	80,459
18	Lumber, planing mill products, including sash, doors, and blinds.	3	35,000	4,500	5,500	10,500	14,500	6			40	11,660
19	Millinery, custom work	11	30,875			2,975	27,900	22	10	6,860	71	17,172
20	Monuments and tombstones	5	19,965			800	19,165	6	7	7,200	23	11,244
21	Painting, house, sign, etc	6	10,825			1,825	9,000	10	1	600	37	13,959
22	Photography	6	29,550	4,000	7,000	7,950	10,600	10	5	2,718	16	6,897
23	Plumbing, and gas and steam fitting	4	34,215	4,000	8,000	2,600	19,615	5	5	1,538	47	17,300
24	Printing and publishing, book and job	6	79,690			48,365	31,325	7	7	7,450	138	37,493
25	Printing and publishing, newspapers and periodicals.	4	111,469			98,941	12,528	3	24	21,890	37	24,876
26	Saddlery and harness	8	41,590			4,425	37,165	10	7	4,800	51	15,048

BY SPECIFIED INDUSTRIES: 1900—Continued.

CHATTANOOGA—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
84	$31,844					$25,563	$599	$33	$1,231	$23,700	$163,730	$163,695	$35	$274,893	7
91	39,831					10,137	1,699	176	8,262		121,268	119,542	1,726	227,315	8
334	196,890					10,185		3,668	6,517		209,728	207,038	2,690	425,753	9
77	37,848	25	$8,350	1	$104	6,765	5,430	540	795		41,008	40,343	665	127,517	10
		70	18,775			1,463	1,430	16	17		23,345	23,335	10	56,406	11
36	11,281	25	5,639			2,550	1,700	25	825		75,743	75,027	716	126,688	12
5	1,950	2	300			529	496		33		595	575	20	5,800	13
80	35,543			3	780	34,661	3,000	1,512	30,149		2,030,306	2,020,556	9,750	2,287,268	14
1,374	413,182			2	230	114,823	3,876	9,532	100,697	718	1,066,367	1,020,525	45,842	1,867,438	15
17	5,480	1	208			1,755	720		235	800	7,350	7,248	102	19,615	16
230	74,799	1	300	3	288	26,039	900	1,077	24,062		133,566	133,120	446	277,525	17
41	15,081			2	450	2,483	234	50	2,199		12,636	12,025	611	46,546	18
193	70,718					17,309		933	16,376		513,359	228,713	284,646	685,984	19
127	39,500			3	576	14,150		1,350	12,800		189,675	189,675		309,650	20
169	56,367			2	211	9,447	1,140	700	7,607		194,088	193,393	695	319,744	21
56	19,850										29,850	29,750	100	60,500	22
15	4,025	1	200			8,803	1,300	275	7,228		45,170	44,380	790	71,731	23
		26	5,727			2,513	1,980	88	445		25,208	25,108	100	44,000	24
7	2,695					916	304		612		5,868	5,847	21	14,300	25
37	13,583					1,284	1,036		248		16,440	16,425	15	40,750	26
9	3,192					1,184	456	40	688		10,717	10,692	25	20,600	27
41	30,415	77	20,850			28,140	1,750	730	25,660		95,930	94,970	960	284,204	28
5	2,120					425	25		400		2,125	2,125		7,345	29
4	2,494	4	1,240			1,616	1,175		441		4,120	4,090	30	14,500	30
50	22,087					3,164	1,567	327	1,270		47,780	47,420	360	91,781	31
193	63,639			1	50	49,885	100	700	49,085		56,953	29,251	27,702	192,287	32
57	28,810	42	8,420	1	80	5,645	2,530	100	1,515	1,500	48,064	47,065	999	129,425	33
75	55,642	10	2,910			15,053	390	1,697	12,216	750	53,864	51,484	2,380	210,730	34
24	9,626			2	312	6,473	48	250	6,175		172,304	171,774	530	231,854	35
37	13,671	2	250	20	3,000	1,359	948	78	333		66,509	66,005	504	93,740	36
72	23,441					2,338	1,102	190	1,046		33,980	33,520	460	79,650	37
8	4,572	4	1,456	2	234	3,158	732	57	2,369		7,823	7,791	32	23,070	38
6	4,972					1,746	1,479		267		3,287	3,282	5	22,100	39
1,151	334,214	141	19,788	93	7,693	344,089	10,763	21,219	294,357	17,750	1,740,102	1,709,542	30,560	3,112,982	40

leather, tanned, curried, and finished, 1; liquors, distilled, 1; liquors, malt, 1; lock and gun smithing, 1; looking-glass and picture frames, 1; marble and stone work, 1; mineral and soda waters, 2; oil, cottonseed and cake, 1; paints, 1; plumbers' supplies, 1; refrigerators, 2; sausage, 1; saws, 1; ship and boat building, wooden, 1; shirts, 1; stationery goods, not elsewhere specified, 1; stencils and brands, 1; trunks and valises, 2; washing machines and clothes wringers, 1; wheelbarrows, 1; wood, turned and carved, 1.

KNOXVILLE.

3,096	$1,231,582	1,336	$216,660	282	$25,301	$306,795	$52,342	$23,369	$228,260	$2,824	$3,877,772	$3,777,763	$100,009	$6,943,595	1
12	3,358			2	156	1,235	900	35	300		5,415	5,295	120	18,600	2
13	6,854					1,029	974		55		8,077	7,910	167	24,980	3
13	4,766					1,097	1,033		64		5,962	5,962		20,070	4
52	22,450	5	1,040	3	312	6,130	312	855	4,963		63,864	63,108	756	111,600	5
63	23,700					994	534	48	112	300	33,775	33,175	600	79,350	6
78	29,461					3,569	1,954	170	1,445		45,606	44,202	1,404	97,770	7
46	36,760	16	5,579	1	52	4,555	2,891	426	1,138	100	41,715	41,525	190	131,070	8
42	11,840	282	44,018	2	104	5,489	2,980		1,609	900	168,612	166,761	1,851	300,570	9
		94	20,998	1	106	1,764	1,744		20		26,725	26,725		58,914	10
23	8,896					1,571	480	76	1,015		28,445	28,055	390	64,432	11
30	10,445	36	6,252			8,786	2,816	350	5,620		72,666	72,270	396	131,500	12
11	3,948	4	1,196			2,602	1,482		1,120		5,223	4,737	486	18,845	13
70	30,742					28,291		1,803	26,488		1,004,511	997,710	6,801	1,142,317	14
168	53,868			1	52	7,530	1,980	885	4,665		90,854	86,910	3,944	230,724	15
1	260					363	288	40	35		1,845	1,845		5,500	16
254	77,025			31	3,434	21,901	1,100	1,088	18,513	1,200	117,581	115,857	1,724	289,776	17
39	11,400	1	260			1,478	120	358	1,000		70,449	70,339	110	101,400	18
		71	17,172			4,173	3,798	115	260		90,190	90,190		137,500	19
23	11,244					1,575	984	36	555		18,276	18,276		46,175	20
34	13,424	1	200	2	335	888	636		202		8,187	8,187		35,425	21
9	4,964	5	1,754	2	179	4,843	1,254	606	2,983		19,595	19,595		40,948	22
47	17,300					1,542	636	330	576		54,355	54,065	290	87,100	23
92	34,646	16	2,847			5,459	2,172	165	3,122		32,535	30,169	2,366	110,301	24
32	23,320	5	1,556			18,674	1,200	265	16,909	300	17,456	15,981	1,475	112,668	25
45	14,258			6	790	5,092	3,590	127	1,375		47,616	47,416	200	105,189	26

TABLE 8.—MANUFACTURES IN CITIES

KNOXVILLE—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
27	Tinsmithing, coppersmithing, and sheet-iron working.	9	$66,870	$1,200	$5,000	$14,125	$46,545	14	6	$4,336	66	$17,796
28	Tobacco, cigars and cigarettes	4	17,750			1,350	16,400	6	1	250	27	13,636
29	Watch, clock, and jewelry repairing	12	10,275			5,700	4,575	14	5	3,384	15	8,144
30	All other industries[1]	41	3,546,809	114,813	430,908	1,801,939	1,199,149	29	97	105,095	2,812	870,646

[1] Embraces artificial limbs, 1; bluing, 1; boxes, fancy and paper, 1; brick and tile, 1; cars and general shop construction and repairs by steam railroad companies, 1; cotton goods, 1; dye stuffs, and extracts, 1; electrical construction and repairs, 1; flavoring extracts, 1; gas and lamp fixtures, 1; gas, illuminating and heating, 1; hand stamps, 1; hosiery and knit goods, 1; ice, manufactured, 2; iron and steel, 1; ironwork, architectural and ornamental, 2; liquors, malt, 1; lock and gun smithing, 1;

MEMPHIS.

1	All industries	659	$11,189,249	$1,511,199	$1,583,598	$3,091,124	$5,003,328	715	513	$625,135	8,433	$3,641,435
2	Bicycle and tricycle repairing	9	9,478			3,640	5,838	11			19	7,174
3	Blacksmithing and wheelwrighting	60	64,476	5,400	11,625	14,865	32,586	70			120	65,396
4	Boots and shoes, custom work and repairing.	59	25,987	3,000	2,000	7,687	13,300	59			32	14,425
5	Bread and other bakery products	21	470,827	24,000	32,500	269,366	144,961	24	35	18,925	157	75,275
6	Carpentering	33	159,360	12,000	1,200	19,090	127,070	37			278	164,591
7	Carriage and wagon materials	3	75,954		3,900	21,500	50,554	1	3	4,780	74	25,900
8	Carriages and wagons	8	327,170	65,000	63,500	47,726	150,944	7	10	15,420	201	87,460
9	Cars and general shop construction and repairs by steam railroad companies.	3	206.727	39,467	32,000	50,025	85,235		16	17,763	715	381,370
10	Clothing, men's, custom work and repairing.	43	101,992			6,350	95,642	51	3	5,780	171	99,090
11	Clothing, men's, factory product	6	131,100	6,000	18,000	20,100	87,000	10	1	1,500	386	109,845
12	Clothing, women's, dressmaking	20	18,296			3,355	14,941	19	3	9,700	78	35,682
13	Coffee and spice, roasting and grinding	5	63,840	1,200	3,000	8,000	51,640	8	14	13,780	12	5,378
14	Confectionery	7	49,593	9,000	12,700	7,105	20,788	10	5	4,200	62	24,449
15	Cooperage	3	28,550		1,000	7,050	20,500	3	4	4,200	72	39,070
16	Cotton, ginning	8	36,600	900	2,200	28,500	5,000	7	2	1,500	25	3,150
17	Dyeing and cleaning	22	17,810	1,000	1,800	7,670	7,340	26			37	14,686
18	Electrical construction and repairs	3	6,350			550	5,800	3			11	7,150
19	Foundry and machine shop products	15	1,070,970	132,000	152,964	269,988	516,018	20	23	33,345	764	350,625
20	Furniture, cabinetmaking, repairing, and upholstering.	23	43,437	2,000	3,000	4,387	34,050	35	2	3,800	33	22,460
21	Furniture, factory product	3	218,701	9,867	22,405	24,702	162,227	1	19	22,620	186	64,255
22	Ice, manufactured	4	544,572	134,950	149,215	163,622	96,785		25	30,770	192	102,881
23	Lock and gun smithing	8	13,580			4,575	9,005	11			11	7,136
24	Lumber and timber products	19	2,292,838	323,265	166,423	555,365	1,247,785	11	96	116,830	1,860	594,636
25	Lumber, planing mill products, including sash, doors, and blinds.	4	218,200	25,000	91,200	52,000	50,000	5			166	89,200
26	Marble and stone work	4	101,250	5,000	2,500	22,250	71,500	6	1	720	76	45,752
27	Masonry, brick and stone	3	11,600			1,800	9,800	3			30	15,800
28	Millinery, custom work	13	18,660	2,500	2,000	1,085	13,075	12	3	6,100	39	17,108
29	Mineral and soda waters	3	86,000	20,000	30,000	16,000	20,000	3	6	8,400	34	18,525
30	Oil, cottonseed and cake	9	1,549,774	321,400	322,427	629,591	276,356		49	72,267	587	158,669
31	Painting, house, sign, etc	21	32,600			5,025	27,575	28	4	4,320	112	63,789
32	Paints	3	54,875	3,000	2,500	7,575	41,800	2	4	7,340	25	9,900
33	Patent medicines and compounds	5	71,550	200	150	5,250	65,950	6	9	17,600	33	13,856
34	Photography	11	25,125			8,075	17,050	12	2	1,900	23	15,344
35	Plumbing, and gas and steam fitting	22	110,201	15,000	15,000	11,823	68,378	27	7	6,965	204	107,392
36	Printing and publishing, book and job	17	225,750			159,750	66,000	19	15	23,529	215	92,370
37	Printing and publishing, newspapers and periodicals.	10	214,900			111,650	103,250	10	63	66,000	110	80,327
38	Roofing and roofing materials	5	6,750			2,200	4,550	7			25	12,940
39	Saddlery and harness	12	186,770			14,145	172,625	13			115	72,562
40	Sausage	6	53,950	20,600	25,400	950	7,000	7			8	4,200
41	Shirts	7	86,375			22,375	64,000	10			48	21,220
42	Tinsmithing, coppersmithing, and sheet-iron working.	29	76,845	2,000	5,000	14,995	54,850	30	4	3,336	128	75,178
43	Tobacco, cigars and cigarettes	6	31,550	1,500	2,000	2,050	26,000	6	1	2,160	78	46,839
44	Watch, clock, and jewelry repairing	28	68,181	5,700	3,500	13,955	45,026	26	3	780	35	21,062
45	Wirework, including wire rope and cable.	4	5,943			3,418	2,525	3			18	7,740
46	All other industries[1]	52	1,974,192	320,750	402,489	439,944	811,009	56	81	98,805	828	349,628

[1] Embraces awnings, tents, and sails, 1; bags, other than paper, 2; baking and yeast powders, 1; belting and hose, leather, 1; belting and hose, rubber, 1; boxes, fancy and paper, 1; boxes, wooden packing, 1; brick and tile, 2; brooms and brushes, 2; clothing, women's, factory product, 1; coffins, burial cases, and undertakers' goods, 2; cotton, cleaning and rehandling, 1; flouring and grist mill products, 1; food preparations, 1; furnishing goods, men's, 1; gas and lamp fixtures, 1; gas, illuminating and heating, 2; glass, cutting, staining, and ornamenting, 2; grease and tallow, 1 hairwork, 1; hand stamps, 1; hardware, saddlery, 1;

BY SPECIFIED INDUSTRIES: 1900—Continued.

KNOXVILLE—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
66	$17,796					$4,733	$3,820	$225	$688		$56,957	$56,278	$679	$96,919	27
22	13,072			5	$564	4,424	792	150	3,482		16,021	15,985	36	46,300	28
15	8,144					4,540	3,790	220	530		6,372	6,270	102	34,370	29
1,786	737,641	800	$113,788	226	19,217	152,518	8,082	14,996	129,416	$24	1,718,887	1,642,965	75,922	3,263,282	30

lumber and timber products, 1; marble and stone work, 1; masonry, brick and stone, 1; mattresses and spring beds, 2; mineral and soda waters, 1; musical instruments, pianos and materials, 1; paper hanging, 1; patent medicines and compounds, 2; paving and paving materials, 1; photolithographing and photoengraving, 1; roofing and roofing materials, 1; saws, 1; ship and boat building, wooden, 1; shirts, 1; trunks and valises, 2; vinegar and cider, 1; woolen goods, 2.

MEMPHIS.

7,660	$3,433,206	586	$174,961	187	$33,268	$1,078,649	$204,136	$96,078	$716,989	$61,446	$9,656,969	$9,453,977	$202,992	$17,923,059	1
18	7,030			1	144	3,237	2,672	170	395		10,510	10,410	100	36,894	2
117	65,076			3	320	12,886	10,038	154	2,690	4	78,002	74,637	3,365	233,570	3
32	14,425					8,967	7,384	253	1,320	10	21,544	21,034	510	79,762	4
133	70,933	13	3,049	11	1,293	36,912	9,162	2,215	25,535		459,322	452,363	6,959	668,653	5
278	164,591					56,998	4,858	525	2,815	48,800	379,772	379,495	277	697,500	6
74	25,900					9,850	1,180	100	8,570		60,684	60,669	15	118,379	7
201	87,460					13,483	3,017	2,472	7,994		144,980	143,706	1,274	333,288	8
712	380,499	3	871			4,837		4,237	600		353,097	346,591	6,506	757,046	9
157	94,900	13	4,090	1	100	25,078	19,696	536	4,594	252	112,207	111,512	695	342,357	10
116	49,883	270	59,962			7,917	5,390	1,062	1,465		231,054	229,874	1,180	440,141	11
2	2,000	76	33,682			7,385	5,880	140	1,365		75,470	75,380	90	147,845	12
9	4,598	3	780			4,210	2,160	340	1,710		63,475	62,644	831	102,340	13
42	19,949	14	3,700	6	800	5,933	4,775	172	986		93,266	91,806	1,460	167,382	14
72	39,070					3,235	1,510	25	1,700		85,675	85,025	650	152,200	15
25	3,150					2,534	1,300	414	820		11,312	10,032	1,280	36,937	16
30	12,622	6	1,920	1	144	6,152	4,763	212	1,177		4,732	4,345	387	44,358	17
11	7,150					1,265	1,010	65	190		15,530	15,500	30	30,000	18
761	350,025			3	600	53,682	3,420	8,067	42,195		495,623	478,753	16,870	1,078,713	19
33	22,460					5,041	3,699	210	1,132		12,210	12,175	35	59,706	20
151	56,885			35	7,370	25,862	240	561	25,061		140,865	139,558	1,307	272,682	21
192	102,881					35,475		10,175	25,300		45,362	9,400	35,962	260,000	22
9	6,536	2	600			2,935	2,830	25	80		3,195	3,010	185	17,250	23
1,787	584,076			73	10,560	112,279	4,905	13,195	94,179		1,733,813	1,733,813		3,051,181	24
166	89,200					4,865	600	1,750	2,515		87,975	87,475	500	245,000	25
76	45,752					2,575	390	375	1,810		42,740	40,740	2,000	187,300	26
30	15,800					485	390		95		31,750	30,950	800	58,600	27
8	4,500	31	12,608			4,254	3,327	242	685		35,615	35,615		83,125	28
32	18,400			2	125	5,585	2,000	1,185	2,400		28,328	28,098	230	88,920	29
583	157,920	4	749			143,665	210	13,204	130,251		1,820,935	1,771,268	49,667	2,271,313	30
112	63,739					5,889	4,384	120	1,135	250	60,506	60,381	125	173,754	31
22	9,300	3	600			2,555	780	215	1,560		71,670	70,845	825	111,150	32
17	5,800	16	3,056			60,278	5,776	1,907	52,595		77,515	76,215	1,300	225,900	33
18	12,478	4	2,816	1	50	6,017	5,030	522	465		11,470	11,465	5	47,840	34
204	107,392					14,664	8,200	1,056	5,408		166,508	165,122	1,386	384,910	35
198	88,450	15	3,659	2	261	16,589	11,084	1,649	3,856		118,849	117,157	1,692	354,647	36
108	79,932	1	300	1	95	33,896	6,420	1,835	21,461	4,180	89,077	86,460	2,617	421,050	37
25	12,940					1,495	1,044	76	375		53,440	53,320	120	87,875	38
106	68,692	6	3,600	3	270	13,015	10,909	536	1,570		164,288	162,563	1,725	293,093	39
8	4,200					2,010	1,200	135	675		18,730	18,330	400	30,460	40
9	6,300	39	14,920			10,410	8,700	10	200	1,500	45,815	45,515	300	94,200	41
127	75,078			1	100	9,808	6,745	341	1,522	1,200	97,048	95,355	1,693	271,665	42
78	46,839					19,056	1,440	189	17,427		65,689	65,674	15	150,555	43
33	19,962	1	1,000	1	100	6,588	5,808	187	343	250	12,318	12,073	245	66,107	44
18	7,740					1,310	1,210	35	65		17,872	17,500	372	36,600	45
720	320,693	66	17,999	42	10,936	267,487	18,600	25,184	218,703	5,000	1,907,131	1,850,124	57,007	3,110,816	46

lime and cement, 1; liquors, malt, 1; looking-glass and picture frames, 2; mattresses and spring beds, 2; millinery and lace goods, 1; monuments and tombstones, 1; paper hanging, 2; pumps, not including steam pumps, 1; refrigerators, 1; safes and vaults, 1; saws, 1; ship and boat building, wooden, 1; soap and candles, 1; stencils and brands, 1; sugar and molasses, refining, 1; trunks and valises, 2; umbrellas and canes, 1; vinegar and cider, 1; wood, turned and carved, 2.

TABLE 8.—MANUFACTURES IN CITIES

NASHVILLE.

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES AND TOWNS.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	489	$13,173,422	$960,910	$2,338,469	$4,154,652	$5,719,391	587	1,048	$388,467	8,447	$2,889,241
2	Blacksmithing and wheelwrighting	49	34,440	7,400	6,625	6,755	13,660	65	2	420	65	28,050
3	Boots and shoes, custom work and repairing.	29	8,176	650	730	3,974	2,822	30	1	260	23	8,502
4	Bread and other bakery products	16	76,650	21,900	11,800	14,450	28,500	19	27	12,015	73	36,366
5	Brooms and brushes	7	15,680	1,700	5,020	2,240	6,720	11	3	1,920	31	7,628
6	Carpentering	23	204,682	22,911	44,900	23,172	113,699	38	3	2,700	275	117,825
7	Carriages and wagons	10	73,485	10,850	13,650	9,123	39,862	13	5	5,184	112	47,539
8	Clothing, men's, custom work and repairing.	30	45,828			4,245	41,583	34	19	14,260	76	38,127
9	Clothing, men's, factory product	5	266,286			16,931	249,355	10	32	27,235	437	92,018
10	Confectionery	12	284,033	300	800	134,347	149,086	15	55	41,572	175	51,752
11	Dyeing and cleaning	5	2,440			1,530	910	9			6	1,775
12	Electrical construction and repairs	3	10,200			1,900	8,300	4	2	2,500	15	5,102
13	Fertilizers	3	898,547	73,747	311,219	51,989	461,592		45	48,568	423	88,053
14	Flouring and grist mill products	4	921,837	62,113	233,930	313,500	312,294	2	45	47,206	178	91,350
15	Foundry and machine shop products	13	113,000	11,100	7,000	52,100	42,800	18	13	12,400	141	68,850
16	Furniture, cabinetmaking, repairing, and upholstering.	7	8,430			765	2,665	10			11	4,666
17	Ice, manufactured	4	195,284	24,400	43,211	116,173	11,500	4	14	10,616	79	32,690
18	Leather, tanned, curried, and finished	3	16,553	250	200	1,935	14,168	4	1	300	25	8,061
19	Lock and gun smithing	9	14,875	4,000	2,000	3,850	5,025	12			3	1,430
20	Lumber and timber products	7	866,160	124,450	45,000	82,500	614,210	15	31	26,570	816	239,167
21	Lumber, planing mill products, including sash, doors, and blinds.	6	385,705	31,900	82,340	42,600	228,865	8	16	17,730	296	128,925
22	Masonry, brick and stone	3	74,310	11,700	6,800	20,000	35,810	7	26	11,625	361	122,732
23	Mattresses and spring beds	3	29,371	500	865	3,700	24,306	8	5	4,500	37	10,803
24	Millinery, custom work	4	99,860	16,000	9,000	1,360	73,500	4	16	16,600	91	46,180
25	Mineral and soda waters	3	50,750	13,000	16,000	5,000	16,750	3	7	7,752	25	9,421
26	Monuments and tombstones	4	37,735	19,000	2,500	8,650	7,585	5	3	1,100	23	11,375
27	Painting, house, sign, etc	10	11,945			3,425	8,520	12	1	600	61	28,900
28	Paper hanging	3	14,750			950	13,800	2	6	4,250	24	7,276
29	Patent medicines and compounds	3	57,300			2,300	55,000	5	14	13,800	28	7,458
30	Photography	7	15,135			9,785	5,350	11	5	1,554	20	9,978
31	Plastering and stuccowork	3	13,550	5,000	2,850	1,700	4,000	5	4	1,600	43	12,992
32	Plumbing, and gas and steam fitting	13	127,488	2,100	6,000	10,650	108,738	16	20	8,405	136	55,006
33	Printing and publishing, book and job	18	595,143	18,000	60,000	227,271	289,872	24	55	57,616	371	186,294
34	Printing and publishing, newspapers and periodicals.	34	1,520,158	74,150	228,902	493,888	723,218	20	236	188,594	360	184,541
35	Roofing and roofing materials	5	22,500			2,750	19,750	7	3	1,560	36	10,145
36	Saddlery and harness	18	217,866	825	1,500	25,183	190,358	23	38	31,622	175	58,670
37	Shirts	3	9,000			3,500	5,500	5	5	4,000	29	6,804
38	Soap and candles	3	190,250	14,300	31,500	41,150	103,300	4	23	15,200	97	35,560
39	Tinsmithing, coppersmithing, and sheet-iron working.	14	52,059	10,250	4,355	6,619	30,835	17	3	2,060	73	37,015
40	Tobacco, chewing, smoking, and snuff	4	374,930	18,038	52,579	67,157	237,156	2	36	31,455	104	27,265
41	Tobacco, cigars and cigarettes	10	14,130	1,150	2,500	1,195	9,285	10	2	1,040	22	8,796
42	Trunks and valises	3	23,918	300	900	1,125	21,593	2	7	5,442	40	8,844
43	Watch, clock, and jewelry repairing	11	10,250	800	600	4,725	4,125	14	2	1,000	20	16,541
44	All other industries[1]	65	5,173,733	358,126	1,103,693	2,328,490	1,383,424	60	217	205,636	3,011	888,769

[1] Embraces awnings, tents, and sails, 1; bags, other than paper, 1; baking and yeast powders, 2; belting and hose, leather, 1; bicycle and tricycle repairing, 2; bluing, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 2; boxes, fancy and paper, 2; boxes, wooden packing, 1; brick and tile, 2; carriage and wagon materials, 1; cars and general shop construction and repairs by steam railroad companies, 2; chemicals, 1; clothing, women's, dressmaking, 1; clothing, women's, factory product, 1; coffee and spice, roasting and grinding, 2; coffins, burial cases, and undertakers' goods, 2; cooperage, 2; cotton goods, 2; food preparations, 2; furnishing goods, men's, 2; furniture, factory product, 2; gas, illuminating and heating, 1; hairwork, 1; hand stamps, 1; hosiery and knit

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and towns	718	$9,396,528	$787,171	$2,415,408	$1,853,151	$4,340,798	813	520	$397,001	7,027	$2,073,160
2	Bristol	59	742,605	174,464	82,700	109,362	376,079	66	62	41,066	511	138,898
3	Brownsville	25	78,554	8,275	10,750	20,344	44,185	34	6	2,145	59	15,240
4	Clarksville	105	1,402,405	79,877	250,411	227,511	844,606	131	111	107,121	912	247,202
5	Cleveland	29	238,785	14,950	29,700	66,675	127,460	30	19	15,200	453	97,653
6	Columbia	167	574,789	61,830	114,985	172,438	225,486	191	34	24,556	648	198,636
7	Dayton	21	621,268	4,350	382,650	120,513	113,755	22	11	6,160	606	134,030
8	Dyersburg	36	532,375	151,500	42,250	134,415	204,210	38	23	15,600	233	83,364
9	Harriman	38	473,018	13,290	79,716	146,264	233,748	37	33	21,707	325	87,231
10	Humboldt	30	177,563	14,255	25,974	48,878	88,456	41	17	3,375	188	51,593
11	Jackson	84	1,123,632	71,750	182,325	315,376	554,181	87	112	83,234	1,205	467,340
12	Johnson City	45	1,239,406	75,980	238,085	188,527	736,814	51	34	26,598	549	121,334
13	South Pittsburg	20	1,664,410	77,975	885,095	111,780	589,560	20	26	27,203	578	205,288
14	Trenton	24	312,048	28,675	56,767	117,948	108,658	29	15	11,486	469	165,646
15	Union City	35	215,670	15,000	34,000	73,070	93,600	36	17	11,550	191	59,705

BY SPECIFIED INDUSTRIES: 1900—Continued.

NASHVILLE.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
6,360	$2,467,858	1,700	$377,451	387	$43,932	$1,440,394	$117,628	$87,471	$906,884	$328,411	$10,472,173	$10,297,271	$174,902	$18,469,823	1
65	28,050					6,187	4,957	283	567	380	29,587	28,246	1,341	109,576	2
22	8,398			1	104	4,324	3,491	21	327	485	14,524	14,280	244	43,086	3
67	35,626	1	210	5	530	6,847	3,304	1,128	2,415		90,682	88,081	2,601	168,702	4
28	7,452			3	176	517	318	63	136		26,184	26,084	100	48,980	5
273	117,440			2	385	139,771	1,936	1,656	9,833	126,346	179,010	178,026	984	508,136	6
110	47,244			2	295	8,370	3,876	415	3,314	765	65,560	63,737	1,823	167,164	7
67	36,075	8	1,930	1	122	47,502	11,148	366	2,516	33,472	96,828	95,732	1,096	254,276	8
56	14,874	381	77,144			13,652	3,916	285	9,451		355,149	352,783	2,366	553,364	9
82	36,070	88	14,882	5	800	48,506	7,183	1,578	39,556	189	214,048	209,642	4,406	447,323	10
3	948	3	827			1,066	608	68	390		1,604	1,209	395	8,605	11
15	5,102					2,887	900	40	1,352	595	34,665	34,625	40	53,154	12
423	88,053					110,223		2,583	107,640		764,691	749,260	15,431	1,420,788	13
178	91,350					36,694	240	3,333	33,121		3,423,890	3,403,707	20,183	3,907,017	14
141	68,850					7,516	3,443	633	3,190	250	81,648	77,119	4,529	222,429	15
11	4,666					1,383	1,317	26	35	5	4,187	4,162	25	16,125	16
79	32,690					11,138		2,678	8,460		27,809	5,384	22,425	112,277	17
25	8,061					880	550	126	204		57,217	56,937	280	67,969	18
2	1,200	1	230			1,901	1,608	66	227		4,673	4,426	247	13,923	19
809	238,347			7	820	28,048	1,200	5,098	21,750		690,630	690,630		1,043,525	20
278	127,241			18	1,684	39,710	1,100	1,943	14,667	22,000	281,733	278,345	3,388	553,678	21
361	122,732					34,253	400	397	1,400	32,056	28,219	27,099	1,120	223,822	22
29	9,363	8	1,440			2,602	1,303	158	1,141		61,115	60,489	626	89,049	23
1	180	90	46,000			5,300	3,800	300	1,200		79,425	79,250	175	203,393	24
25	9,421					1,596	96	485	1,015		6,215	5,849	366	29,921	25
23	11,375					1,433	288	800	345		18,977	18,358	619	42,390	26
61	28,900					1,294	994		300		24,975	24,900	75	76,190	27
24	7,276					5,133	2,350	211	922	1,650	18,240	18,175	65	46,700	28
7	3,650	21	3,808			3,990	1,190	500	2,300		70,695	70,350	345	123,166	29
12	7,382	8	2,596			4,872	3,150	499	1,223		10,420	10,159	261	48,608	30
43	12,992					1,542	270	152	810	310	12,754	12,754		35,325	31
136	55,006					11,398	4,542	479	4,877	1,500	112,690	111,904	786	233,367	32
287	162,767	73	21,069	11	2,458	34,893	8,148	4,267	21,882	596	224,391	219,915	4,476	613,439	33
234	144,482	120	39,131	6	928	203,408	7,141	4,454	114,575	77,238	196,830	186,401	10,429	1,014,374	34
36	10,145					2,012	1,430	39	543		22,981	22,774	207	48,598	35
152	55,422	7	1,448	16	1,800	14,265	6,592	1,185	6,448	40	282,794	280,442	2,352	451,943	36
		29	6,804			4,222	1,750	315	337	1,820	12,262	11,950	312	40,700	37
77	30,560	20	5,000			7,078		1,940	5,138		225,124	222,992	2,132	287,920	38
69	36,605			4	410	4,217	1,974	249	1,994		44,208	43,807	401	112,163	39
50	15,593	53	11,372	1	300	110,683	780	990	108,913		102,014	99,244	2,770	357,245	40
18	8,178			4	618	5,349	1,070	49	4,230		16,306	16,212	94	43,764	41
37	8,496	1	108	2	240	2,750	1,920	75	755		17,547	17,442	105	40,409	42
20	16,541					4,084	1,980	34	170	1,900	5,703	5,539	164	36,520	43
1,924	713,055	788	143,452	299	32,262	456,898	15,365	47,504	367,215	26,814	2,433,969	2,368,851	65,118	4,550,720	44

goods, 2; ink, writing, 1; ironwork, architectural and ornamental, 1; liquors, malt, 1; looking-glass and picture frames, 1; marble and stone work, 1; models and patterns, 1; oil, cottonseed and cake, 1; paints, 1; paper goods, not elsewhere specified, 1; paving and paving materials, 2; photolithographing and photoengraving, 2; pottery, terra cotta, and fire-clay products, 1; sewing machine repairing, 2; show cases, 1; stationery goods, not elsewhere specified, 1; stencils and brands, 1; sugar and molasses, refining, 1; surgical appliances, 1; upholstering materials, 1; wirework, including wire rope and cable, 1; woolen goods, 1.

TOWNS UNDER 20,000 IN POPULATION: 1900.

5,851	$1,874,528	797	$155,993	379	$42,639	$781,146	$65,528	$46,973	$644,463	$24,182	$8,442,609	$7,650,761	$791,848	$14,040,951	1
394	119,241	71	13,428	46	6,229	109,020	6,808	2,367	99,781	64	533,743	527,686	6,057	988,073	2
51	13,795	6	1,354	2	91	10,711	2,274	403	1,089	6,945	68,338	66,159	2,179	128,432	3
697	215,311	136	23,906	79	7,985	257,310	22,665	6,439	222,306	5,900	1,698,720	1,627,535	71,185	2,765,876	4
185	52,804	218	38,849	50	6,000	15,832	1,181	1,146	6,355	7,150	267,301	262,498	4,803	464,412	5
502	171,561	108	22,906	38	4,169	43,985	7,567	3,806	30,389	2,223	775,165	761,923	13,242	1,221,168	6
600	133,230	2	320	4	480	20,272	819	2,144	17,309		952,783	624,983	327,800	1,332,591	7
225	81,429	4	1,260	4	675	27,198	2,788	2,791	21,619		397,782	390,823	6,959	638,926	8
295	83,140	9	1,504	21	2,587	14,408	1,322	1,789	11,297		449,311	433,152	16,159	615,441	9
184	51,218	2	225	2	150	13,290	1,315	1,320	10,655		142,616	140,103	2,513	267,411	10
1,074	438,600	125	27,970	6	770	75,371	9,472	8,014	57,785	100	847,514	825,746	21,768	1,894,149	11
494	115,805	8	1,475	47	4,054	29,383	3,806	6,795	16,982	1,800	607,688	555,479	52,209	1,046,537	12
646	199,859	12	2,220	20	3,209	130,725	1,658	6,465	122,602		736,211	485,635	250,576	1,188,616	13
363	147,586	46	11,820	60	6,240	16,761	1,225	1,550	13,986		582,121	571,515	10,606	930,849	14
141	50,949	50	8,756			16,880	2,628	1,944	12,308		383,316	377,524	5,792	558,470	15

TEXAS.

Table 1 shows the manufacturing and mechanical industries of the state of Texas as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	12,289	5,268	2,996	2,399	983	309	133.3	75.8	24.9	144.0	218.1
Capital	$90,433,882	$46,815,181	$9,245,561	$5,284,110	$3,272,450	$539,290	93.2	406.4	75.0	61.5	506.8
Salaried officials, clerks, etc., number	3,560	[1]4,681	(2)	(2)	(2)	(2)	[3]23.9				
Salaries	$3,229,075	[1]$3,437,843	(2)	(2)	(2)	(2)	[3]6.1				
Wage-earners, average number	48,153	34,794	12,159	7,927	3,449	1,066	38.4	186.2	53.4	129.8	223.5
Total wages	$20,552,355	$15,148,495	$3,343,087	$1,787,835	$1,162,756	$322,368	35.7	353.1	87.0	53.8	260.7
Men, 16 years and over	44,199	31,845	11,645	7,450	3,338	1,042	38.8	173.5	56.3	123.2	220.3
Wages	$19,669,733	$14,524,346	(2)	(2)	(2)	(2)	35.4				
Women, 16 years and over	2,913	1,977	116	157	111	24	47.3	1,604.3	[3]26.1	41.4	362.5
Wages	$737,363	$502,291	(2)	(2)	(2)	(2)	46.8				
Children, under 16 years	1,041	972	398	320	(2)	(2)	7.1	144.2	24.4		
Wages	$145,259	$121,858	(2)	(2)	(2)	(2)	19.2				
Miscellaneous expenses	$6,144,924	$3,594,940	(4)	(4)	(4)	(4)	70.9				
Cost of materials used	$67,102,769	$36,152,308	$12,956,269	$6,273,193	$3,367,372	$394,642	85.6	179.0	106.5	86.3	753.3
Value of products, including custom work and repairing	$119,414,982	$70,433,551	$20,719,928	$11,517,302	$6,577,202	$1,168,538	69.5	239.9	79.9	75.1	462.9
Total population	3,048,710	2,235,523	1,591,749	818,579	604,215	212,592	36.4	40.4	94.5	35.5	184.2
Wage-earners engaged in manufactures	48,153	34,794	12,159	7,927	3,449	1,066	38.4	186.2	53.4	129.8	223.5
Per cent of total population	1.6	1.6	0.8	1.0	0.6	0.5					
Assessed value of real estate	[5]$666,904,488	$523,893,098	$205,508,924	$97,186,568	$112,476,013	$28,149,671	27.3	154.9	111.5	[3]13.6	299.6
Value of land and buildings invested in manufactures[6]	$28,034,873	$14,585,723	(2)	(2)	(2)	(2)	92.2				
Per cent of assessed value	4.2	2.8									

[1] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[2] Not reported separately.
[3] Decrease.
[4] Not reported.
[5] As given for the year 1900 in Dana's supplement, "State and City," to the Commercial and Financial Chronicle, under date of April 13, 1901.
[6] Does not include value of rented property.

Although Texas is an agricultural and stock-raising state, Table 1 shows that there has been a large growth in its manufacturing and mechanical industries during the half century. The population during these years increased from 212,592 to 3,048,710, while the average number of wage-earners employed in manufacturing establishments increased from 1,066 to 48,153, embracing, in 1900, 1.6 per cent of the entire population, compared with five-tenths of 1 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 77,995, or 2.6 per cent of the total population of the state. The greatest percentage of increase in the value of products is shown for the decade ending with 1860, but the greatest absolute increase was between the years 1880 and 1890.

Manufacturing in Texas is chiefly a result of the state's abundance of raw materials, especially lumber, cotton, and wheat, the leading industries being those which are more or less dependent upon these materials. The large area of the state, and the heavy freight charges, tend to encourage local production, while abundant fuel is available for power in the vicinity of Fort Worth and Dallas. There were 883,832 short tons of coal mined in the state in 1899, or nearly seven times the production of 1889.[1]

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for eleemosynary and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

[1] United States Geological Survey: Mineral Resources, 1899, Metallic Products, Coal, and Coke, page 502.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	16,245	$92,747,345	18,300	52,085	$20,697,998	$6,201,861	$67,683,062	$27,550,627	$36,156,424	$3,976,011	$121,015,480
Hand trades[1]	4,583	4,851,355	5,159	6,872	3,477,727	654,802	7,049,023	91,790	6,713,030	244,203	15,756,310
Eleemosynary and penal institutions	23	767,326	-------	945	82,218	581	309,097	64,958	159,136	85,003	652,232
Establishments with a product of less than $500	3,933	1,546,137	4,226	2,987	63,425	56,356	271,196	43,628	221,364	6,204	948,266
All other establishments	7,706	85,582,527	8,915	41,281	17,074,628	5,490,122	60,053,746	27,350,251	29,062,894	3,640,601	103,658,672

[1] Includes bicycle and tricycle repairing, 66; blacksmithing and wheelwrighting, 2,100; boots and shoes, custom work and repairing, 340; carpentering, 397; clothing, men's, custom work and repairing, 276; clothing, women's, dressmaking, 81; dyeing and cleaning, 56; furniture, cabinetmaking, repairing, and upholstering, 101; lock and gun smithing, 62; masonry, brick and stone, 96; millinery, custom work, 421; painting, house, sign, etc., 166; paper hanging, 1; plastering and stuccowork, 24; plumbing, and gas and steam fitting, 87; sewing machine repairing, 8; taxidermy, 2; typewriter repairing, 1; watch, clock, and jewelry repairing, 298.

Of the 16,245 establishments of all classes shown in this table, 8,516, or 52.4 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $16,704,576, or only 13.8 per cent of the total value of the products of the state.

In addition to the 16,245 active establishments in the state during the census year, with a capital of $92,747,345, shown in Table 2, there were 177 idle establishments, with a capital of $1,158,574, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Brick and tile	14	$54,055	Lumber and timber products	11	$52,330
Cotton, compressing	3	105,375	Oil, cottonseed and cake	1	50,000
Cotton, ginning	94	207,250	Petroleum, refining	1	25,000
Flouring and grist mill products	16	73,815	Sugar and molasses, refining	7	252,415
Iron and steel	1	274,000	Woolen goods	1	10,000
Lime and cement	1	80,000	All other industries	27	24,334

TABLE 3.—COMPARATIVE SUMMARY OF ELEVEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	5,793	$60,176,540	30,119	$12,692,437	$3,645,302	$41,904,972	$73,024,636
	1890	2,503	30,234,754	21,737	8,687,063	2,328,867	24,165,537	43,189,273
Increase, 1890 to 1900	-------	3,290	29,941,786	8,382	4,005,374	1,316,435	17,739,435	29,835,363
Per cent of increase	-------	131.4	99.0	38.6	46.1	56.5	73.4	69.1
Per cent of total of all industries in state	1900	47.1	66.5	62.5	61.8	59.3	62.4	61.2
	1890	47.5	64.6	62.5	57.3	64.8	66.8	61.3
Cars and general shop construction and repairs by steam railroad companies.	1900	56	3,730,792	6,633	4,004,769	138,838	3,878,536	8,314,691
	1890	31	1,140,049	2,354	1,574,786	----------	1,223,674	2,860,235
Clay products: Total	1900	171	1,496,666	1,859	496,996	59,308	278,393	1,212,266
	1890	143	1,139,561	2,072	553,980	56,722	267,143	1,311,270
Brick and tile	1900	143	1,293,271	1,579	419,573	47,014	234,517	1,020,205
	1890	124	1,054,414	1,956	510,753	53,868	249,132	1,214,690
Pottery, terra cotta, and fire-clay products	1900	28	203,395	280	77,423	12,294	43,876	192,061
	1890	19	85,147	116	43,227	2,854	18,011	96,580
Cotton, ginning[1]	1900	3,222	9,282,101	4,295	648,157	282,614	1,573,911	5,886,923
	1890	572	1,568,902	2,440	305,061	90,477	294,792	1,172,298
Flouring and grist mill products	1900	289	4,273,490	705	398,908	243,390	10,372,387	12,333,730
	1890	690	4,052,802	1,626	409,000	260,816	8,294,003	9,903,455
Foundry and machine shop products	1900	99	2,809,524	1,343	728,553	94,490	1,181,042	2,682,426
	1890	59	1,530,156	782	513,083	80,101	735,001	1,874,059
Liquors, malt	1900	9	4,439,012	585	354,682	1,210,381	646,794	2,689,606
	1890	7	1,534,775	401	205,628	379,309	495,307	1,702,087
Lumber and timber products	1900	637	19,161,265	7,924	3,094,917	368,437	9,668,343	16,296,473
	1890	314	11,175,551	7,485	2,656,119	490,984	6,420,878	11,942,566
Lumber, planing mill products, including sash, doors, and blinds	1900	76	932,860	657	332,288	40,632	900,302	1,605,297
	1890	62	1,169,445	949	541,032	81,848	1,554,926	2,700,941
Oil, cottonseed and cake	1900	103	7,986,962	2,478	830,766	550,225	10,372,753	14,005,324
	1890	13	2,358,615	866	320,140	233,070	2,531,911	3,262,596

[1] Does not include many ginneries operated in connection with saw, grist, and cottonseed-oil mills, or for the use exclusively of plantations on which they are located. For the full number of ginneries in operation reference should be made to the special report on cotton ginning.

TABLE 3.—COMPARATIVE SUMMARY OF ELEVEN LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Printing and publishing:								
Total	1900	772	$3,306,168	2,547	$1,298,180	$503,188	$966,268	$4,577,110
	1890	447	2,575,882	2,069	1,211,099	529,553	998,021	3,971,410
Book and job	1900	118	827,095	718	382,151	111,863	334,886	1,189,700
	1890	56	904,945	469	321,030	85,083	483,386	1,213,888
Newspapers and periodicals	1900	654	2,479,073	1,829	916,029	391,325	631,382	3,387,410
	1890	391	1,670,937	1,600	890,069	444,470	514,635	2,757,522
Saddlery and harness	1900	359	2,757,700	1,093	504,221	153,769	2,066,243	3,420,790
	1890	165	1,989,016	693	397,135	125,987	1,349,381	2,488,356

The 11 leading industries of the state in 1900, as shown by Table 3, embraced 5,793 establishments, or 47.1 per cent of the total number in the state; used a capital of $60,176,540, or 66.5 per cent of the total; gave employment to 30,119 wage-earners, or 62.5 per cent of the total number; and paid $12,692,437, or 61.8 per cent of the total wages. The value of their products was $73,024,636, or 61.2 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

Table 3 shows that the manufacture of lumber and timber products is the most important industry in the state. The 637 establishments reported in 1900 gave employment to 7,924 wage-earners, or 16.5 per cent of the wage-earners employed in the state, and the products were valued at $16,296,473, or 13.6 per cent of the total value of the products of the state. In 1890 there were 314 establishments, 7,485 wage-earners, and products valued at $11,942,566. The increase in the value of products during the decade was $4,353,907, or 36.5 per cent.

The greatest increase took place during the last two or three years of the decade, 243 of the 637 establishments reported in 1900 having been erected during the census year. The industry is confined almost entirely to the counties composing the extreme eastern part of the state. The 215 mills in this section, from Bowie county on the north to Jefferson and Harris counties on the south, reported products valued at $13,930,298 in 1900, or 85.5 per cent of the total for the state, the industry centering chiefly around the towns of Beaumont and Orange. Forests of shortleaf pine extend from the Texarkana district southward to a point about 100 miles north of Beaumont, and average about 4,000 feet of merchantable timber per acre. From this point southward to Jefferson county, and extending across the Sabine River into Louisiana, lies the finest continuous area of longleaf pine in the United States, the average stand of merchantable timber ranging from 6,000 to 35,000 feet per acre. Many of the mills use considerable quantities of timber brought from the pine forests of western Louisiana. The small quantities of hard-wood lumber manufactured in Texas—chiefly oak, ash, and elm—were reported mainly from the counties lying along and near the Red River, in the northwestern portion of the state.

The manufacture of cottonseed oil and cake ranks second among the industries of the state in 1900, with 103 establishments, 2,478 wage-earners, and products valued at $14,005,324. In 1890 there were 13 establishments, 866 wage-earners, and products valued at $3,262,596. The increase in the value of products during the decade was $10,742,728, or 329.3 per cent. Allied to this industry is the ginning of cotton, with 3,222 establishments in 1900, and 4,295 wage-earners. The receipts for ginning and other work done amounted to $5,886,923. In 1890 there were 572 establishments and 2,440 wage-earners, and the receipts for ginning and other work done amounted to $1,172,298. The increase in these receipts during the decade was $4,714,625, or 402.2 per cent. These figures do not include the operations of many private plantation ginneries, or ginneries connected with saw, grist, or cottonseed-oil mills. For the full number of ginneries in operation reference should be made to the special report on cotton ginning. In each of these 2 industries Texas ranks first in the United States—a natural result of its preeminence in cotton growing. There were 2,658,555 commercial bales of cotton grown and ginned in the state in 1899, or 27.9 per cent of the production of the United States.[1] The cotton belt in Texas extends from Travis county, near the center of the state, in a northeasterly direction to Grayson, Fannin, and Lamar counties, bordering upon Indian Territory. The ginneries in the counties of this belt handled 38 per cent of the entire cotton production of the state in 1899. Three of the largest ginneries in the United States, ginning annually over 7,000 round bales each, are located at Waco, Farmersville, and Granger, and in the average size of its ginneries Texas is exceeded only by Oklahoma and Indian Territory. Nowhere, except in these territories, are automatic gins so largely used, or have the ginneries so generally adopted the custom of pressing the cotton after ginning into the so-called "round bales." This process was first introduced in 1894, in Texas, and since then has been very widely adopted in other states. "Round bales" are ready for shipment when they leave the ginnery, and the work of cotton compressors is therefore dispensed with. Of the 93,325,729 gallons of cottonseed oil produced in the United States during the census year,

[1] Special Report on Cotton Ginning (Crop of 1899).

24,354,695 gallons, or 26.1 per cent, were produced in Texas.[1] Large quantities of this oil are shipped each year from Galveston to Mediterranean ports. The cake and meal are not so largely used as fertilizers in Texas as they are in the cotton states east of the Mississippi River. This is due to the more recent development of the Texas soils, and the greater demand in this state for cottonseed meal and cake as food for cattle. It is estimated that half a million cattle are annually fattened on hulls and meal in the cotton states west of the Mississippi River.[2]

There were 289 establishments engaged in the manufacture of flouring and grist mill products, the industry third in rank in 1900, with 705 wage-earners, and products valued at $12,333,730. In 1890 there were 690 establishments, 1,626 wage-earners, and products valued at $9,903,455. The increase in the value of products during the decade was $2,430,275, or 24.5 per cent. There were 12,228,132 bushels of wheat and 3,565,933 bushels of corn ground in the mills of Texas during the census year. During the years 1898, 1899, and 1900 Texas rose to a leading position among the wheat producing states, ranking twenty-second in the United States in 1898, nineteenth in 1899, and sixth in 1900.[3] The large wheat production of Oklahoma and Indian Territory is also available, and is drawn upon to supply the mills of Texas. The most extensive operations outside the city of Galveston are in the counties which are near these territories. Waterpower is used in only a few establishments, steam supplying 85.5 per cent of the total power used. In many of the smaller mills cotton ginning is combined with flour and grist milling, and the total value of products includes $12,955 received for custom cotton ginning.

There were 56 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 6,633 wage-earners, and products valued at $8,314,691. In 1890 there were 31 establishments, 2,354 wage-earners, and products valued at $2,860,235. The increase in the value of products during the decade was $5,454,456, or 190.7 per cent. The immense area of Texas was traversed by 9,886 miles of railroads in 1900, a greater mileage than that of any other state in the Union except Illinois and Pennsylvania.[4] This has necessitated a large number of repair shops, and accounts for the importance of this industry in the state. The establishments reported in 1900 were located in 37 different counties. In addition to the general repair work carried on in these shops, 412 freight cars, 11 passenger cars, and 9 locomotives were built during the census year.

[1] Special Report on Cottonseed Products.
[2] Cotton and Cotton Oil, by D. A. Tompkins, page 372.
[3] Yearbook of the Department of Agriculture, 1898, page 681; 1899, page 766; and 1900, page 767.
[4] Interstate Commerce Commission: Statistics of Railways in the United States, 1900, page 12.

There were 772 establishments engaged in printing and publishing in 1900, with 2,547 wage-earners, and products valued at $4,577,110. In 1890 there were 447 establishments, 2,069 wage-earners, and products valued at $3,971,410. The increase in the value of products during the decade was $605,700, or 15.3 per cent.

There were 359 establishments engaged in the manufacture of saddlery and harness in 1900, with 1,093 wage-earners, and products valued at $3,420,790. In 1890 there were 165 establishments, 693 wage-earners, and products valued at $2,488,356. The increase in the value of products during the decade was $932,434, or 37.5 per cent. This industry is carried on extensively in the city of Dallas, and its products find a market in nearly all the states and territories west of the Mississippi River.[5]

There were 9 establishments engaged in the manufacture of malt liquors in 1900, with 585 wage-earners, and products valued at $2,689,606. In 1890 there were 7 establishments, 401 wage-earners, and products valued at $1,702,087. The increase in the value of products during the decade was $987,519, or 58 per cent. There was no malt produced in the breweries of Texas during the census year, these establishments being dependent on outside sources for this most important material.

There were 99 establishments engaged in the manufacture of foundry and machine shop products in 1900, with 1,343 wage-earners, and products valued at $2,682,426. In 1890 there were 59 establishments, 782 wage-earners, and products valued at $1,874,059. The increase in the value of products during the decade was $808,367, or 43.1 per cent.

There were 76 establishments engaged in the manufacture of planing mill products in 1900, with 657 wage-earners, and products valued at $1,605,297. In 1890 there were 62 establishments, 949 wage-earners, and products valued at $2,700,941. The decrease in the value of products during the decade was $1,095,644, or 40.6 per cent.

There were 171 establishments engaged in the manufacture of clay products in 1900, with 1,859 wage-earners, and products valued at $1,212,266. In 1890 there were 143 establishments, 2,072 wage-earners, and products valued at $1,311,270. The decrease in the value of products during the decade was $99,004, or 7.6 per cent.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Dallas, Fort Worth, Galveston, Houston, and San Antonio, as returned at the censuses of 1890 and 1900, with the percentages of increase.

[5] Annual Report of the Dallas Commercial Club, 1899, page 22.

TABLE 4.—COMPARATIVE SUMMARY, DALLAS, FORT WORTH, GALVESTON, HOUSTON, AND SAN ANTONIO, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
The State	1900	12,289	$90,433,882	48,153	$20,552,355	$6,144,924	$67,102,769	$119,414,982
	1890	5,268	46,815,181	34,794	15,148,495	3,594,940	36,152,308	70,433,551
Per cent of increase		133.3	93.2	38.4	35.7	70.9	85.6	69.5
Dallas	1900	373	6,897,015	3,756	1,852,485	665,954	6,270,870	11,480,499
	1890	312	5,250,118	3,554	2,015,369	595,257	4,354,769	9,054,766
Per cent of increase		19.6	31.4	5.7	[1]8.1	11.9	44.0	26.8
Fort Worth	1900	209	2,668,045	1,449	845,477	392,377	3,348,550	5,332,804
	1890	316	3,194,032	2,368	1,618,073	286,452	3,435,446	6,826,083
Per cent of increase		[1]33.9	[1]16.5	[1]38.8	[1]47.7	[1]37.0	[1]2.5	[1]21.9
Galveston	1900	295	6,073,845	2,058	981,827	477,229	2,618,996	5,016,360
	1890	190	5,122,612	1,679	962,093	405,270	3,253,088	5,724,545
Per cent of increase		55.3	18.6	22.6	2.1	17.8	[1]19.5	[1]12.4
Houston	1900	509	6,955,350	4,588	2,409,250	663,426	5,792,571	10,641,575
	1890	210	3,509,434	2,711	1,353,628	313,114	3,638,205	6,832,943
Per cent of increase		142.4	98.2	69.2	78.0	111.9	59.2	55.7
San Antonio	1900	312	4,252,197	3,078	1,755,008	654,339	3,284,524	6,821,797
	1890	309	3,004,425	2,022	1,216,936	494,744	2,387,984	5,623,612
Per cent of increase		1.0	41.5	52.0	44.2	32.3	37.5	21.3
Total for 5 cities	1900	1,698	26,846,452	14,924	7,844,047	2,853,325	21,315,511	39,293,035
	1890	1,337	20,080,621	12,334	7,166,099	2,094,837	17,069,492	34,061,949
Per cent of increase		27.0	33.7	21.0	9.5	36.2	24.9	15.4
Per cent of 5 cities to total for state	1900	13.8	29.7	31.0	38.2	46.4	31.8	32.9
	1890	25.4	42.9	35.4	47.3	58.3	47.2	48.4

[1] Decrease.

It appears from Table 4 that there has been an increase during the past decade in the combined manufactures of these 5 cities. The number of establishments increased from 1,337 to 1,698, or 27 per cent; the average number of wage-earners from 12,334 to 14,924, or 21 per cent; and the value of products from $34,061,949 to $39,293,035, or 15.4 per cent. The percentage of increase in each of these particulars was smaller in these 5 cities than in the state as a whole. Fort Worth shows a decrease in each of these particulars, and Galveston a decrease in the value of products. Houston shows the greatest growth, the value of products having increased from $6,832,943 in 1890 to $10,641,575 in 1900, or 55.7 per cent. In Dallas, the leading manufacturing city, the number of establishments increased from 312 to 373, or 19.6 per cent; the number of wage-earners from 3,554 to 3,756, or 5.7 per cent; and the value of products from $9,054,766 to $11,480,499, or 26.8 per cent. The number of establishments, number of wage-earners, and value of products, in this city in 1900, constituted 3, 7.8, and 9.6 per cent, respectively, of the totals for the state.

Table 5 presents the totals for the manufacturing industries of the 30 cities and towns withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and towns, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	PRODUCTS. Value.	PRODUCTS. Rank.	PRODUCTS. Per cent of total.	POPULATION. Total.	POPULATION. Rank.	POPULATION. Per cent of total.
Total for state	12,289	$90,433,882	14,074	48,153	$20,552,355	$6,144,924	$67,102,769	$119,414,982	-------	100.0	3,048,710	-------	100.0
Total for urban manufactures	3,448	49,593,595	3,598	26,916	13,384,086	4,458,268	40,397,960	70,862,826	-------	59.3	391,299	-------	12.8
Austin	279	825,293	298	967	471,818	152,199	896,750	1,921,853	10	1.6	22,258	6	0.7
Beaumont	51	3,113,766	48	954	439,078	71,167	1,184,094	2,014,501	9	1.7	9,427	11	0.3
Belton	53	309,003	58	189	74,462	16,963	279,922	467,504	22	0.4	3,700	23	0.1
Brownsville	36	96,905	37	63	17,646	3,478	58,292	108,680	30	0.1	6,305	18	0.2
Bryan	37	182,870	43	120	42,387	18,160	142,811	306,362	26	0.3	3,589	24	0.1
Calvert	29	150,778	24	101	25,208	14,718	236,767	527,005	20	0.4	3,322	27	0.1
Cleburne	75	459,325	75	807	406,011	22,573	593,060	1,202,797	15	1.0	7,493	15	0.2
Corpus Christi	39	75,770	40	80	32,210	5,541	73,157	165,589	29	0.1	4,703	20	0.2
Corsicana	118	929,030	139	508	262,292	54,812	1,862,281	2,147,116	8	1.8	9,313	12	0.3
Cuero	37	187,598	39	86	35,113	9,080	118,191	224,709	28	0.2	3,422	26	0.1
Dallas	373	6,897,015	386	3,756	1,852,485	665,954	6,270,870	11,480,499	1	9.6	42,638	3	1.4
Denison	87	1,212,851	90	779	402,070	49,287	468,848	1,017,613	16	0.8	11,807	9	0.4
El Paso	136	4,550,604	140	2,171	1,036,517	523,095	6,371,489	8,846,045	3	7.4	15,906	8	0.5
Fort Worth	209	2,668,045	234	1,449	845,477	392,377	3,348,550	5,332,804	5	4.5	26,688	5	0.9
Gainesville	76	733,711	77	338	146,758	55,399	807,208	1,251,291	14	1.0	7,874	13	0.3
Galveston	295	6,073,845	315	2,058	981,827	477,229	2,618,996	5,016,360	6	4.2	37,789	4	1.2
Greenville	65	528,607	77	240	101,247	47,440	299,069	603,050	19	0.5	6,860	17	0.2
Hearne	11	149,918	10	101	27,489	23,797	152,652	252,218	27	0.2	2,129	30	0.1
Houston	509	6,955,350	557	4,588	2,409,250	663,426	5,792,571	10,641,575	2	8.9	44,633	2	1.5
Jefferson	21	395,904	14	335	94,367	16,006	292,638	498,462	21	0.4	2,850	29	0.1
Marlin	40	232,792	40	93	37,042	13,063	182,550	330,570	25	0.3	3,092	28	0.1
Marshall	46	892,316	45	638	383,315	51,300	674,750	1,283,847	13	1.1	7,855	14	0.3
Orange	18	3,321,868	16	764	356,005	50,055	924,243	1,666,203	12	1.4	3,835	22	0.1
San Antonio	312	4,252,197	295	3,073	1,755,008	654,339	3,284,524	6,821,797	4	5.7	53,321	1	1.8
Sherman	78	905,742	79	452	198,582	87,946	1,175,693	1,721,280	11	1.4	10,243	10	0.3
Taylor	72	184,735	68	207	92,958	21,862	206,917	429,955	23	0.4	4,211	21	0.1
Temple	74	700,369	88	328	158,882	36,403	569,580	908,726	17	0.8	7,065	16	0.2
Waco	166	2,096,741	164	1,227	469,129	222,681	1,477,642	2,693,907	7	2.3	20,686	7	0.7
Weatherford	83	309,550	79	173	72,671	29,177	368,467	609,415	18	0.5	4,786	19	0.2
Yoakum	23	201,097	23	271	156,782	8,741	165,378	371,093	24	0.3	3,499	25	0.1
Total for state exclusive of urban manufactures	8,841	40,840,287	10,476	21,237	7,168,269	1,686,656	26,704,809	48,552,156	-------	40.7	2,657,411	-------	87.2
Per cent of urban manufactures to total for state	28.1	54.8	25.6	55.9	65.1	72.6	60.2	59.3	-------	-------	12.8	-------	-------

Of the 12,289 establishments in the state, 3,448, or 28.1 per cent, were located in these 30 cities and towns. They furnished employment to 26,916 wage-earners, or 55.9 per cent of the total number, and the value of their products, $70,862,826, formed 59.3 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Austin, Dallas, Fort Worth, Galveston, Houston, San Antonio, and Waco by specified industries.

Table 9 shows the totals for the cities and towns withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

[No manufactures reported from the following counties: Andrews, Aransas, Bailey, Borden, Buchel, Castro, Cochran, Concho, Crane, Dallam, Dawson, Parmer, Randall, Roberts, Schleicher, Sherman, Sterling, Swisher,

	COUNTIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	12,289	$90,433,882	$12,880,367	$15,154,506	$34,198,170	$28,200,839	14,074	3,560	$3,229,075	48,153	$20,552,355
2	Anderson	104	760,252	52,974	155,110	279,239	272,929	124	36	35,973	615	284,747
3	Angelina	38	1,150,386	398,793	60,210	324,308	367,075	33	29	24,220	619	208,845
4	Archer	4	3,802	----------	195	1,365	2,242	4	-------	----------	1	220
5	Atascosa	14	16,485	435	2,955	12,195	900	16	1	25	12	1,640
6	Austin	133	223,646	12,415	42,840	119,270	49,121	154	2	1,243	118	36,979
7	Bandera	9	15,203	1,783	3,980	7,950	1,490	12	-------	----------	4	804
8	Bastrop	87	261,360	26,955	66,680	118,525	49,200	95	8	5,749	285	106,395
9	Baylor	11	32,620	2,100	4,730	14,655	11,135	12	3	1,770	11	4,920
10	Bee	5	10,990	500	2,240	7,100	1,150	7	-------	----------	15	2,111
11	Bell	239	1,250,560	90,157	271,240	671,298	217,865	282	44	40,819	643	268,127
12	Bexar	333	4,388,318	365,698	808,294	1,223,660	1,990,666	321	215	249,575	3,152	1,773,366
13	Blanco	15	26,445	1,470	4,425	17,570	2,980	17	1	70	8	1,254
14	Bosque	85	272,888	56,025	63,163	112,171	41,529	105	4	8,223	114	43,423
15	Bowie	81	832,351	192,942	93,445	332,019	213,945	88	27	27,005	500	153,901
16	Brazoria	37	311,237	5,990	53,855	218,932	32,460	44	7	4,928	113	29,770
17	Brazos	71	282,929	11,650	39,150	169,828	62,301	84	12	8,020	220	71,780
18	Briscoe	3	1,565	140	325	400	700	4	-------	----------	----------	----------
19	Brown	92	373,420	22,235	76,310	168,350	106,525	94	13	12,058	207	91,468
20	Burleson	59	262,944	9,837	92,919	93,838	66,350	61	20	10,103	178	59,958
21	Burnet	38	53,614	3,495	7,625	33,845	8,649	50	-------	----------	26	6,587
22	Caldwell	85	191,047	12,261	30,285	112,999	35,500	103	7	2,329	105	31,954
23	Calhoun	10	7,542	295	875	4,130	2,242	11	-------	----------	4	1,379
24	Callahan	32	69,807	6,145	17,425	32,743	13,494	37	5	367	53	23,350
25	Cameron	36	96,905	6,680	15,544	42,382	32,299	37	9	2,007	63	17,646
26	Camp	51	161,591	16,644	36,590	81,385	26,972	57	6	2,739	118	40,353
27	Cass	70	344,786	71,375	24,795	128,255	120,361	88	11	5,348	253	81,562
28	Chambers	10	43,952	11,805	2,415	10,441	16,291	15	-------	----------	15	5,615
29	Cherokee	89	422,114	68,537	44,600	177,688	131,289	114	11	3,420	317	97,842
30	Childress	12	13,792	525	1,675	7,715	3,877	13	1	25	8	3,116
31	Clay	32	91,560	3,405	13,970	36,025	38,160	38	1	300	34	11,585
32	Coke	9	10,607	219	1,385	7,325	1,678	13	-------	----------	3	552
33	Coleman	43	108,343	7,680	20,435	49,327	30,901	54	1	400	32	8,751
34	Collin	190	831,635	74,390	175,910	337,025	244,310	223	22	13,884	344	118,120
35	Colorado	75	198,245	8,642	34,025	126,940	28,638	88	4	250	101	28,951
36	Comal	60	307,137	15,050	67,320	123,235	101,532	68	11	9,063	134	49,224
37	Comanche	68	160,321	12,921	30,065	87,415	29,920	83	3	1,240	62	13,831
38	Cooke	118	809,559	64,629	205,619	335,280	204,031	129	36	32,075	363	152,078
39	Coryell	100	202,727	9,670	31,735	118,452	42,870	114	5	1,173	75	22,190
40	Crockett	7	10,215	1,050	2,350	3,625	3,190	11	-------	----------	7	3,744
41	Dallas	489	7,178,301	436,321	899,562	1,934,622	3,907,796	535	547	549,071	3,891	1,884,424
42	Delta	68	208,403	23,770	35,535	129,975	19,123	90	7	3,321	97	27,683
43	Denton	129	642,697	47,105	183,410	256,717	155,465	155	28	15,262	224	82,609
44	Dewitt	94	494,195	39,980	95,713	260,369	98,133	108	29	24,631	391	198,944
45	Dimmit	3	2,955	225	450	730	1,550	3	-------	----------	1	365
46	Duval	7	10,120	1,420	950	2,925	4,825	6	1	520	4	1,324
47	Eastland	53	262,062	13,625	46,910	128,829	72,698	74	12	7,295	79	23,177
48	Edwards	6	29,849	733	10,650	8,550	9,916	5	4	4,200	31	10,887
49	Ellis	203	800,582	50,340	149,159	466,796	134,287	270	52	30,823	401	133,269
50	El Paso	143	4,604,231	254,066	1,845,281	1,869,888	1,134,996	150	89	120,850	2,248	1,056,687
51	Erath	78	618,423	31,845	211,700	281,798	93,080	81	24	19,257	273	81,536
52	Falls	122	500,630	85,850	93,428	198,545	122,807	141	9	4,132	206	65,404
53	Fannin	204	761,331	55,250	126,618	410,338	169,125	239	30	20,844	356	113,071
54	Fayette	174	592,740	33,927	116,525	361,486	80,802	199	18	11,403	285	106,242
55	Fisher	6	7,210	410	1,800	4,400	600	6	-------	----------	2	710
56	Floyd	6	4,320	220	500	2,045	1,555	9	-------	----------	1	168
57	Foard	4	4,575	275	625	2,975	700	5	-------	----------	1	160
58	Fort Bend	57	1,098,608	10,920	163,665	750,025	173,998	50	13	10,271	178	58,564
59	Franklin	27	69,444	10,375	6,040	35,449	17,580	40	5	330	47	12,901
60	Freestone	48	115,882	2,362	20,625	85,425	7,420	52	4	2,600	58	11,378
61	Frio	5	11,525	700	2,000	8,800	25	6	-------	----------	5	602
62	Galveston	305	6,089,840	986,638	1,292,132	2,021,922	1,789,148	321	159	186,096	2,075	988,680
63	Gillespie	41	96,080	4,260	20,880	50,640	20,300	45	2	1,320	27	7,504
64	Goliad	16	54,820	4,145	11,415	31,660	7,600	21	3	844	26	6,907
65	Gonzales	107	290,122	12,003	65,165	170,854	42,100	126	6	4,555	168	50,499
66	Grayson	301	2,562,172	212,073	561,035	1,238,988	550,076	313	142	112,693	1,430	662,188
67	Gregg	48	333,050	27,697	51,400	126,605	127,348	55	22	17,150	260	92,642
68	Grimes	68	194,505	13,405	44,570	115,975	20,555	74	11	6,778	111	27,485
69	Guadalupe	67	284,617	17,597	69,830	152,200	44,990	82	6	4,538	106	30,304
70	Hale	8	5,630	130	550	3,425	1,525	9	-------	----------	2	575
71	Hall	10	9,145	295	780	2,595	5,475	14	-------	----------	3	750
72	Hamilton	56	189,652	11,267	38,310	82,535	57,540	70	2	1,278	58	17,433
73	Hardeman	17	465,383	82,542	157,123	120,249	105,469	14	20	26,823	116	32,918
74	Hardin	11	546,061	116,282	32,025	112,585	285,169	8	25	28,480	352	154,769
75	Harris	550	8,069,482	893,825	1,597,185	2,633,300	2,943,172	607	346	386,163	5,061	2,545,386
76	Harrison	100	1,055,031	67,063	187,140	378,837	419,991	110	38	32,676	741	414,180

BY COUNTIES: 1900.

Foley, Gaines, Garza, Glasscock, Gray, Hansford, Hockley, Hutchinson, Irion, King, Lamb, Loving, Lubbock, Lynn, McMullen, Martin, Moore, Ochiltree, Oldham, Terry, Upton, Wheeler, Winkler, Yoakum, Zapata, Zavalla.]

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
44,199	$19,699,733	2,913	$737,363	1,041	$145,259	$6,144,924	$785,554	$525,565	$4,525,380	$308,425	$67,102,769	$64,612,488	$2,490,281	$119,414,982	1
597	280,956	11	2,760	7	1,031	33,174	7,044	6,735	18,925	470	520,010	505,343	14,667	1,031,025	2
617	208,305	1	360	1	180	19,247	843	2,070	16,334	----------	786,800	785,642	1,158	1,306,997	3
----------	----------	----------	----------	1	220	290	58	24	163	45	1,848	1,818	30	4,697	4
11	1,560	----------	----------	1	80	394	105	102	187	----------	2,725	2,252	473	12,851	5
113	35,799	2	780	3	400	5,799	1,548	863	3,253	135	93,676	89,387	4,289	235,887	6
3	708	----------	----------	1	96	414	30	114	270	----------	9,461	9,215	246	16,240	7
280	105,195	4	1,080	1	120	15,587	4,601	2,026	8,960	----------	134,588	121,719	12,869	349,481	8
9	4,670	----------	----------	2	250	1,381	268	240	873	----------	35,570	34,775	795	57,418	9
9	1,777	1	120	5	214	586	12	49	525	----------	4,390	4,146	244	12,621	10
592	258,686	44	8,553	7	888	60,380	11,285	9,201	38,194	1,700	953,636	916,471	37,165	1,640,773	11
2,860	1,710,240	262	58,881	30	4,245	665,889	54,620	34,177	573,911	3,181	3,299,836	3,186,153	113,683	6,897,629	12
8	1,254	----------	----------	----------	----------	233	36	139	58	----------	5,151	4,608	543	16,438	13
101	40,593	9	2,350	4	480	5,557	979	1,311	3,067	200	123,471	118,825	4,646	253,404	14
485	151,031	4	1,228	11	1,642	22,834	1,392	3,839	17,253	350	513,396	499,461	13,935	914,650	15
110	29,280	2	400	1	90	9,587	423	2,793	6,371	----------	162,352	151,878	10,474	239,631	16
210	69,713	6	1,510	4	557	23,010	3,355	1,714	12,941	5,000	169,298	161,715	7,583	407,856	17
----------	----------	----------	----------	----------	----------	14	----------	14	----------	----------	976	862	114	1,825	18
191	87,206	14	3,950	2	312	21,752	4,810	3,515	13,427	----------	327,985	315,721	12,264	617,631	19
177	59,868	----------	----------	1	90	10,894	1,438	2,541	6,915	----------	862,847	839,097	23,750	1,090,839	20
23	5,942	2	430	1	215	2,038	674	353	1,011	----------	28,935	27,423	1,512	66,640	21
99	30,594	1	660	5	700	9,050	3,242	1,375	4,133	300	134,137	126,335	7,802	297,592	22
3	1,229	----------	----------	1	150	629	423	21	185	----------	2,583	2,438	145	11,215	23
46	21,518	6	1,760	1	72	3,535	547	598	2,390	----------	43,484	42,521	963	103,709	24
58	17,290	----------	----------	5	356	3,478	685	883	1,379	531	58,292	55,817	2,475	108,680	25
107	37,977	8	2,000	3	376	4,086	686	1,280	2,120	----------	132,986	129,227	3,759	243,219	26
248	80,794	1	90	4	678	7,018	140	1,717	5,161	----------	268,101	266,487	1,614	485,801	27
15	5,615	----------	----------	----------	----------	710	72	75	563	----------	27,005	26,900	105	51,279	28
268	85,952	39	10,690	10	1,200	10,603	1,311	1,752	6,540	1,000	275,054	263,193	11,861	530,478	29
5	2,716	1	180	2	220	1,151	578	98	455	20	8,806	8,490	316	21,178	30
29	10,715	3	600	2	270	6,106	912	932	4,262	----------	143,183	139,573	3,610	195,208	31
2	312	1	240	----------	----------	938	168	51	719	----------	2,119	1,862	257	9,720	32
27	7,451	5	1,300	----------	----------	3,107	779	574	1,754	----------	29,887	28,258	1,629	74,860	33
306	107,689	33	9,975	5	456	41,751	6,104	4,587	30,605	455	1,120,791	1,097,484	23,307	1,643,068	34
93	27,922	4	620	4	409	9,692	2,333	953	6,306	100	87,899	81,508	6,391	205,391	35
124	47,922	5	970	5	332	10,731	1,390	2,919	6,022	400	627,071	623,235	3,836	956,170	36
54	11,841	5	1,510	3	480	4,317	551	950	2,816	----------	42,519	38,871	3,648	118,863	37
337	145,529	22	6,055	4	494	57,309	7,257	7,371	42,606	75	823,904	794,650	29,254	1,299,221	38
70	21,518	3	441	2	231	5,711	1,862	955	2,894	----------	99,976	94,088	5,888	214,552	39
7	3,744	----------	----------	----------	----------	182	36	43	103	----------	4,048	3,793	255	15,362	40
3,077	1,696,719	620	158,269	194	29,436	675,605	99,413	40,175	458,829	77,188	6,419,707	6,274,100	145,607	11,789,053	41
91	25,963	5	1,600	1	120	6,706	1,798	1,200	3,698	10	115,875	111,138	4,737	261,421	42
183	72,609	36	9,240	5	760	47,123	5,626	3,498	37,999	----------	610,113	582,723	27,390	934,638	43
376	196,003	11	2,417	4	524	23,258	8,072	3,854	11,182	150	307,081	286,361	20,720	681,808	44
1	365	----------	----------	----------	----------	84	----------	14	60	10	626	556	70	2,900	45
4	1,324	----------	----------	----------	----------	499	210	47	242	----------	6,452	6,383	69	14,509	46
69	20,949	6	1,780	4	448	12,304	796	2,093	9,415	----------	83,540	78,759	4,781	183,775	47
30	10,637	----------	----------	1	250	1,411	90	122	1,199	----------	12,293	1,715	10,578	41,292	48
373	127,204	23	5,214	5	851	64,746	13,868	5,011	43,537	2,330	592,187	560,491	31,696	1,072,655	49
2,181	1,038,637	54	16,096	13	1,954	524,697	30,238	10,471	483,988	----------	6,392,468	6,020,506	371,962	3,910,506	50
265	79,091	8	2,445	----------	----------	34,305	3,081	3,393	27,831	----------	189,549	162,141	27,408	419,185	51
196	62,563	7	2,532	3	309	20,288	3,123	3,016	14,094	55	271,229	259,551	11,678	566,559	52
337	109,126	14	3,395	4	550	47,701	9,251	5,904	32,446	100	459,381	435,921	23,460	927,121	53
273	103,798	8	1,820	4	624	32,995	4,892	3,563	19,306	5,234	270,586	249,854	20,732	646,208	54
2	710	----------	----------	----------	----------	486	118	37	331	----------	2,045	1,827	218	6,515	55
1	168	----------	----------	----------	----------	102	----------	31	71	----------	4,063	3,861	202	8,145	56
1	160	----------	----------	----------	----------	102	60	23	19	----------	1,018	853	165	3,462	57
171	57,110	2	780	5	674	44,447	1,012	3,204	40,231	----------	193,612	149,013	44,599	362,710	58
46	12,784	----------	----------	1	120	1,525	208	333	984	----------	37,179	36,179	1,000	81,999	59
55	11,062	----------	----------	3	316	4,904	140	787	3,977	----------	66,327	62,158	4,169	126,187	60
5	602	----------	----------	----------	----------	580	25	105	450	----------	2,333	2,078	255	8,358	61
1,606	886,977	336	79,006	133	22,697	478,030	66,871	43,888	348,884	18,387	2,627,546	2,536,823	90,723	5,041,932	62
23	6,914	1	250	3	340	3,416	513	373	2,325	205	84,089	81,724	2,365	133,881	63
24	6,382	2	525	----------	----------	3,219	----------	297	2,922	----------	33,776	30,418	3,358	63,906	64
166	50,079	1	300	1	120	11,621	3,279	965	6,877	500	151,366	135,450	15,916	345,865	65
1,236	620,920	144	35,188	50	6,080	156,305	25,249	15,316	113,860	1,880	2,068,056	2,000,241	67,815	3,398,903	66
256	90,952	4	1,690	----------	----------	11,531	1,850	3,011	6,670	----------	287,282	284,522	2,760	502,895	67
105	26,535	----------	----------	6	950	6,121	1,049	1,694	3,378	----------	129,752	123,141	6,611	241,495	68
102	29,758	2	280	2	266	15,678	3,649	1,077	10,952	----------	181,573	170,452	11,121	310,786	69
1	375	----------	----------	1	200	413	264	25	124	----------	5,898	5,654	244	12,406	70
1	472	----------	----------	2	278	492	251	49	192	----------	4,860	4,650	210	12,180	71
53	16,678	3	560	2	195	5,844	1,728	1,399	2,667	50	231,755	226,571	5,184	312,804	72
108	30,818	8	2,100	----------	----------	53,522	1,159	2,556	49,807	----------	183,617	160,846	22,771	333,524	73
347	153,629	2	540	3	600	15,853	280	1,060	14,513	----------	325,993	325,731	262	609,208	74
4,740	2,465,236	247	69,639	74	10,511	736,265	82,909	45,093	597,421	10,842	7,711,908	7,492,329	219,579	13,035,491	75
715	408,860	16	4,185	10	1,135	56,505	5,199	8,253	42,053	1,000	741,132	719,758	21,374	1,439,066	76

TABLE 6.—MANUFACTURES

	COUNTIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
77	Haskell	4	$6,149	$25	$600	$4,920	$604	4			3	$553
78	Hays	40	170,672	11,645	38,735	97,472	22,820	40	15	$3,839	64	21,130
79	Henderson	52	161,660	23,328	24,495	86,765	27,072	66	4	1,850	161	41,494
80	Hidalgo	6	12,561	85	970	7,331	4,175	7			12	2,630
81	Hill	190	743,868	48,777	148,590	434,099	112,402	216	40	27,591	300	91,744
82	Hood	49	124,920	9,830	22,130	68,795	24,165	61	2	945	45	12,966
83	Hopkins	106	295,049	12,815	44,210	184,316	53,708	130	13	4,720	202	57,027
84	Houston	69	180,321	38,116	21,540	88,850	31,815	85	3	2,380	123	33,366
85	Howard	11	108,986	3,675	9,825	34,094	61,392	12	3	4,400	74	53,460
86	Hunt	206	1,002,693	70,502	151,968	449,768	330,455	246	40	24,883	434	155,051
87	Jack	29	95,430	5,530	17,800	40,640	31,460	32	2	1,380	28	8,824
88	Jackson	19	40,702	2,095	8,145	27,265	3,197	27	1	25	11	2,836
89	Jasper	11	19,602	8,977	2,700	6,675	1,250	12			11	3,645
90	Jefferson	60	3,151,971	1,160,084	191,238	457,558	1,343,091	59	59	86,788	998	456,754
91	Johnson	157	741,374	45,480	126,515	441,142	128,237	175	59	51,706	896	429,864
92	Jones	25	71,850	1,960	15,555	38,735	15,600	31	2	760	18	6,514
93	Karnes	33	81,508	8,705	14,498	52,382	10,923	39	3	1,470	34	8,989
94	Kaufman	120	612,956	54,393	112,128	299,144	147,291	132	26	17,492	400	169,420
95	Kendall	24	50,727	5,155	13,625	16,360	15,587	24			10	2,754
96	Kerr	15	34,565	4,040	9,495	14,275	6,755	16			10	4,135
97	Kimble	8	11,915	3,100	2,095	5,370	1,350	9			2	550
98	Kinney	8	4,610	250	1,100	2,310	950	8			2	320
99	Lamar	179	1,003,152	149,647	190,694	470,755	192,056	208	101	39,040	606	203,604
100	Lampasas	50	75,727	6,502	11,500	38,315	19,410	55	5	2,439	35	12,057
101	Lasalle	4	3,030	100	250	1,680	1,000	5			2	672
102	Lavaca	98	275,540	18,688	43,420	165,293	48,139	118	3	3,100	134	43,890
103	Lee	66	132,211	14,343	23,009	78,044	16,815	75	6	1,140	60	13,537
104	Leon	55	75,873	6,789	14,180	50,300	4,604	62	3	270	46	8,105
105	Liberty	13	124,450	42,741	9,015	56,795	15,899	18	3	1,680	96	33,753
106	Limestone	97	271,161	17,140	43,330	184,680	26,011	125	8	3,374	121	36,164
107	Live Oak	3	2,100	25	100	1,925	50	3			2	256
108	Llano	32	37,441	1,429	4,715	18,955	12,342	40	1	750	32	11,321
109	McCulloch	14	20,126	1,136	3,340	11,575	4,075	13	1	70	9	2,065
110	McLennan	302	2,493,524	208,758	425,021	1,016,256	843,489	342	126	114,291	1,381	509,541
111	Madison	26	38,295	1,950	5,080	19,325	11,940	30			23	4,166
112	Marion	44	553,705	143,611	134,755	149,869	125,470	43	34	24,760	478	134,808
113	Mason	29	50,072	2,870	10,689	29,835	6,678	31	2	165	11	2,720
114	Matagorda	21	35,198	1,083	7,540	22,700	3,875	23	2	70	22	5,032
115	Maverick	5	40,130	4,000	10,000	18,860	7,270	5			14	6,676
116	Medina	18	45,905	3,730	10,925	24,500	6,750	23	2	235	14	2,113
117	Menard	6	18,475	900	3,500	4,525	9,550	6			3	987
118	Midland	12	21,895	2,800	8,800	5,270	5,025	13	1	400	15	5,280
119	Milam	122	424,234	15,961	61,819	245,460	100,994	139	10	6,910	193	56,439
120	Mills	11	22,945	930	3,395	15,380	3,240	17			10	2,278
121	Mitchell	19	55,445	2,370	17,650	24,725	10,700	22	2	2,600	35	10,752
122	Montague	96	275,565	14,995	51,795	164,955	43,820	126	5	2,911	107	32,404
123	Montgomery	54	538,925	142,031	30,865	232,209	133,820	71	27	18,890	525	179,999
124	Morris	37	90,438	5,890	11,070	52,677	20,801	56	5	1,432	70	20,829
125	Motley	4	1,605	215	375	555	460	4			1	300
126	Nacogdoches	101	353,819	46,360	85,862	145,372	76,225	120	14	11,700	314	89,532
127	Navarro	224	1,244,280	49,320	145,041	640,948	408,971	268	70	52,346	655	298,287
128	Newton	15	2,815,038	956,533	122,386	799,135	936,984	13	46	47,200	595	284,175
129	Nueces	43	84,670	7,660	10,140	32,643	34,227	44	3	2,520	84	33,270
130	Orange	23	3,918,010	1,898,237	167,615	384,096	1,468,062	21	37	49,655	894	412,323
131	Palo Pinto	47	96,310	14,165	18,550	38,450	25,145	45	3	1,560	56	17,409
132	Panola	80	471,225	75,870	47,935	203,435	143,985	115	13	7,250	387	141,212
133	Parker	135	536,309	32,003	110,726	256,419	137,161	140	25	16,567	319	114,329
134	Polk	36	1,040,692	476,507	43,036	254,778	266,371	47	14	14,700	338	120,521
135	Potter	5	28,190	400	1,750	5,800	20,240	4	2	1,800	17	10,527
136	Presidio	6	10,825	350	1,925	5,050	3,500	7			3	1,080
137	Rains	13	25,720	2,385	4,155	18,255	925	15			15	3,150
138	Red River	136	324,645	44,157	51,525	173,797	55,166	160	11	6,179	207	50,912
139	Reeves	5	19,182	1,850	5,650	6,870	4,812	4	1	1,116	16	8,835
140	Robertson	103	431,176	15,052	69,551	311,289	35,284	99	16	10,023	256	64,774
141	Rockwall	49	89,970	5,210	21,850	52,942	9,968	63	1	215	50	13,578
142	Runnels	23	53,620	2,305	10,265	29,817	11,233	26	1	300	24	9,646
143	Rusk	107	225,694	21,363	26,515	141,465	36,351	132	7	2,300	148	38,136
144	Sabine	16	15,810	1,290	2,725	10,960	835	17	1	28	17	2,848
145	San Augustine	22	33,036	10,256	3,650	16,745	2,385	35			20	4,951
146	San Jacinto	36	150,231	41,080	9,215	67,961	31,975	37	6	4,893	173	61,402
147	San Saba	25	46,490	2,149	6,130	25,100	13,111	31			15	4,479
148	Scurry	6	11,210	220	2,725	6,015	2,250	8			7	2,220
149	Shackelford	15	34,780	825	6,390	18,350	9,215	17	1	900	9	2,892
150	Shelby	84	268,553	72,127	22,895	102,811	70,720	112	6	5,300	170	59,621
151	Smith	133	480,612	22,474	75,434	218,938	163,766	154	38	33,624	590	273,266
152	Somervell	7	7,813	375	2,300	4,638	500	7			6	508
153	Starr	3	1,500	150	350	150	850	3			2	670
154	Stephens	18	24,920	790	4,265	15,895	3,970	24	1	82	8	1,666
155	Stonewall	4	4,050	30	380	3,150	490	5			2	272
156	Sutton	7	8,195	710	600	1,850	5,035	9			8	2,508

BY COUNTIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
3	$553					$192	$82	$46	$64		$2,658	$2,505	$153	$5,452	77
62	20,735			2	$395	10,497	885	1,180	8,432		102,779	96,911	5,868	195,131	78
153	40,580	4	$346	4	568	2,432	122	783	1,377	$150	46,708	38,519	8,189	154,332	79
12	2,630					1,680		109	1,571		2,810	2,176	634	9,780	80
273	85,155	22	5,795	5	794	48,701	9,549	4,308	34,694	150	411,479	387,359	24,120	840,241	81
33	12,066	2	900			4,922	550	843	3,529		125,567	121,433	4,134	188,285	82
181	52,912	14	3,425	7	690	19,889	3,658	3,233	11,748	1,250	166,910	154,612	12,298	370,120	83
123	33,366					3,849	671	1,144	2,034		103,874	99,518	4,356	198,280	84
71	52,960	2	400	1	100	12,511	378	6,024	6,109		76,362	71,150	5,212	155,446	85
410	149,432	19	5,083	5	536	60,810	11,328	6,095	41,200	2,187	750,017	722,819	27,198	1,327,750	86
25	8,124	2	450	1	250	5,883	817	644	4,422		73,420	71,562	1,858	109,997	87
9	2,396			2	440	992	257	244	491		7,609	7,071	538	26,165	88
11	3,645					542	87	115	340		11,996	11,932	64	21,517	89
987	452,179	8	4,090	3	485	72,545	7,990	15,406	48,909	240	1,221,049	1,210,075	10,974	2,104,367	90
870	422,637	19	6,373	7	854	34,720	7,858	4,049	19,038	3,775	745,063	718,216	26,847	1,508,126	91
17	6,154	1	360			2,535	202	304	2,029		105,091	102,053	3,038	146,646	92
31	8,549			3	440	4,650	879	617	2,954	200	16,345	14,030	2,315	61,046	93
385	166,945	2	720	13	1,755	25,537	4,822	3,536	16,979	200	444,149	415,606	28,543	846,585	94
9	2,614	1	140			1,265	340	283	642		26,879	26,226	653	48,758	95
8	3,885			2	250	1,486	448	355	683		56,713	56,423	290	79,597	96
1	350	1	200			273	34	93	146		3,553	3,422	131	8,829	97
		1	200	1	120	485	368	36	81		2,773	2,723	50	8,850	98
532	190,328	60	11,770	14	1,506	50,844	6,861	6,253	37,545	185	632,022	593,250	38,772	1,226,559	99
28	10,427	4	1,200	3	430	3,959	1,990	640	1,299	30	54,934	52,829	2,105	121,547	100
2	672					266	132	15	119		636	596	40	3,287	101
129	43,072	2	470	3	348	16,315	1,582	1,699	13,034		180,073	168,890	11,183	371,897	102
57	13,112	2	210	1	215	6,523	2,740	827	2,956		30,162	26,671	3,491	112,993	103
45	8,045			1	60	2,066	377	425	1,264		20,542	17,829	2,713	73,801	104
93	33,453	1	200	2	100	2,521	193	180	2,148		82,637	82,486	151	141,003	105
118	34,783	3	1,381			22,906	1,636	2,582	18,518	170	168,520	158,068	10,452	349,064	106
1	206			1	50	172	66	15	91		744	646	98	3,119	107
30	10,889	2	432			2,503	1,132	221	1,150		13,163	12,496	667	52,530	108
9	2,065					288	65	60	163		4,069	3,519	550	14,217	109
1,061	445,455	260	56,647	60	7,439	239,157	37,052	19,222	172,774	10,109	1,709,366	1,631,406	77,960	3,128,554	110
21	3,926			2	240	734	142	218	374		11,504	10,157	1,347	39,101	111
467	132,212	6	1,250	5	1,346	18,027	971	2,736	13,257	1,063	395,331	348,621	46,710	681,538	112
11	2,720					1,774	736	320	718		23,393	21,872	1,521	50,250	113
21	4,832			1	200	1,592	388	299	905		16,643	16,102	541	36,830	114
13	6,580			1	96	1,577	272	159	1,146		4,028	2,773	1,255	20,210	115
13	1,948			1	165	1,082	285	338	459		6,451	5,614	837	22,380	116
3	987					486	120	161	205		3,065	2,960	105	11,498	117
13	5,030	1	150	1	100	518	60	187	271		9,520	9,188	332	20,596	118
190	55,456	2	740	1	243	17,272	4,531	2,758	9,983		236,685	221,758	14,927	496,518	119
10	2,278					780	120	192	468		5,332	4,684	648	19,996	120
27	9,992	7	700	1	60	4,300	1,151	378	2,771		22,386	20,056	2,330	63,102	121
89	28,961	14	2,895	4	548	11,109	2,379	2,780	5,950		169,077	160,953	8,124	342,150	122
522	179,311	1	360	3	328	17,334	596	2,782	13,931	25	453,804	452,970	834	817,037	123
69	20,589	1	240			1,705	336	359	1,010		37,991	35,914	2,077	92,556	124
1	300					14		10	4		489	439	50	2,800	125
291	84,169	14	4,643	9	720	8,820	2,141	1,653	4,951	75	291,268	277,158	14,110	513,067	126
597	284,003	41	12,011	17	2,273	67,915	18,342	6,373	39,700	3,500	1,521,153	1,463,953	57,200	2,578,180	127
592	283,725	1	200	2	250	68,327	30	12,052	56,245		795,121	794,966	155	1,508,693	128
70	31,165	7	1,405	7	700	5,711	1,787	517	3,407		74,377	71,203	3,174	169,816	129
884	409,599	4	1,284	6	1,440	69,072	1,594	14,095	53,383		1,153,260	1,151,398	1,862	2,037,313	130
42	14,409	5	1,665	9	1,335	6,412	2,469	671	3,010	262	47,793	44,730	3,063	128,194	131
382	140,352	1	160	4	700	11,539	945	1,772	8,822		465,270	463,791	1,479	776,013	132
304	110,807	9	2,962	6	560	34,177	5,019	2,794	17,444	8,920	410,588	378,972	31,616	744,771	133
336	120,521					17,576	275	3,528	13,773		588,283	587,539	744	859,657	134
16	10,475			1	52	1,553	652	92	809		14,508	14,237	271	37,225	135
3	1,080					283	50	55	178		3,179	3,040	139	9,215	136
14	2,900			1	250	325	60	114	151		6,049	5,438	611	20,013	137
201	50,081	4	635	2	196	12,113	3,607	2,463	6,043		206,193	197,672	8,521	416,979	138
16	8,835					910	72	250	588		15,765	14,195	1,570	30,085	139
254	64,242	2	532			44,880	2,946	3,290	38,644		418,301	394,611	23,690	872,540	140
47	12,888	2	600	1	90	3,826	939	517	2,136	234	74,691	71,235	3,456	139,491	141
21	9,124	3	522			1,860	938	398	524		28,365	27,034	1,331	60,516	142
140	36,418	6	1,495	2	223	5,619	1,979	673	2,917	50	81,265	76,993	4,272	211,781	143
16	2,698			1	150	500	83	78	339		4,853	4,566	287	15,261	144
20	4,951					609	140	182	287		6,109	5,715	394	21,986	145
173	61,402					2,411	15	610	1,786		125,451	124,433	1,018	225,510	146
14	4,419			1	60	2,598	1,304	238	1,056		40,909	39,600	1,309	68,417	147
6	2,170			1	50	583	106	59	318	100	2,918	2,573	345	10,095	148
7	2,472	1	300	1	120	1,384	538	165	657	24	28,525	27,829	696	42,383	149
164	58,296	5	1,255	1	70	5,088	705	909	3,474		172,374	169,412	2,962	323,225	150
559	267,374	20	4,557	11	1,335	39,796	4,764	3,468	15,564	16,000	453,620	434,429	19,191	913,689	151
6	908					28		28			1,267	984	283	6,571	152
2	670					144	72	17	55		1,150	980	170	2,820	153
7	1,546	1	120			929	185	134	610		10,155	9,496	659	26,213	154
2	272					124	50	53	21		781	711	70	3,275	155
5	2,260			3	248	553	360	67	126		8,949	8,687	262	19,495	156

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
157	Tarrant	290	$2,922,090	$215,804	$573,964	$923,808	$1,208,514	330	143	$151,597	1,551	$872,896
158	Taylor	39	185,908	16,703	46,090	95,950	27,165	52	2	1,292	66	22,234
159	Throckmorton	8	4,770	460	925	2,700	685	9	------	------	3	780
160	Titus	43	119,885	10,865	23,105	72,400	13,515	55	5	4,700	95	28,829
161	Tom Green	28	94,520	9,601	16,090	34,429	34,400	30	2	1,860	57	29,433
162	Travis	369	1,034,165	57,753	124,446	470,690	381,276	408	65	51,090	1,081	500,465
163	Trinity	33	698,401	236,337	48,485	169,469	244,110	39	19	21,325	374	150,430
164	Tyler	34	1,394,076	602,872	94,669	409,074	287,461	39	38	32,635	599	254,248
165	Upshur	68	426,686	102,923	31,240	196,660	95,863	85	8	10,520	298	86,233
166	Uvalde	7	19,240	3,630	2,520	5,850	7,240	9	------	------	8	3,250
167	Valverde	7	9,176	1,500	1,254	4,073	2,349	10	------	------	11	3,137
168	Van Zandt	88	424,533	58,199	120,331	155,120	90,883	95	11	16,060	267	81,280
169	Victoria	80	200,001	15,756	37,230	106,279	40,736	81	13	6,280	144	48,397
170	Walker	42	111,452	18,607	14,190	58,385	20,270	45	2	353	71	20,170
171	Waller	38	82,610	7,965	12,900	44,295	17,450	34	3	1,300	46	16,115
172	Washington	138	599,547	32,625	101,467	346,704	118,751	155	35	23,502	328	116,605
173	Webb	28	211,783	14,518	99,200	70,673	27,392	27	9	7,524	395	169,310
174	Wharton	29	83,180	3,615	15,975	57,850	5,740	34	5	1,200	75	12,634
175	Wichita	22	92,614	2,700	19,250	37,760	32,904	23	2	2,500	35	14,986
176	Wilbarger	30	89,289	1,840	19,100	28,655	39,694	37	2	1,200	23	8,011
177	Williamson	233	643,254	39,030	123,515	367,173	113,536	265	23	17,309	541	165,280
178	Wilson	19	170,783	22,006	79,643	49,196	19,938	23	6	6,300	145	30,077
179	Wise	99	229,744	5,485	46,190	136,272	41,797	128	6	1,410	138	27,430
180	Wood	83	301,051	67,911	33,435	158,403	41,302	105	11	6,680	203	63,808
181	Young	24	62,971	4,483	16,255	27,825	14,408	37	2	1,000	20	7,267
182	All other counties[1]	33	39,801	2,317	6,317	19,707	11,460	37	3	2,860	46	25,411

[1] Includes establishments distributed as follows: Armstrong, 2; Brewster, 1; Carson, 1; Collingsworth, 1; Cottle, 2; Crosby, 1; Deaf Smith, 1; Dickens, 1; Donley, 2; Ector, 2; Hartley, 2; Hemphill, 2; Jeff Davis, 1; Kent, 1; Knox, 2; Lipscomb, 2; Nolan, 2; Pecos, 2; Refugio, 2; San Patricio, 1; Ward, 2.

TABLE 7.—MANUFACTURES BY

1	All industries	12,289	$90,433,882	$12,880,367	$15,154,506	$34,198,170	$28,200,839	14,074	3,560	$3,229,075	48,153	$20,552,355
2	Agricultural implements	5	57,635	1,225	10,650	12,358	33,407	4	5	7,950	28	10,419
3	Artificial limbs	3	3,690	------	------	2,520	1,170	3	------	------	1	1,000
4	Awnings, tents, and sails	11	53,460	2,300	4,000	9,960	37,200	10	2	2,700	59	20,968
5	Baking and yeast powders	5	176,028	21,400	10,800	11,900	131,928	4	32	41,000	70	16,272
6	Bicycle and tricycle repairing	66	70,005	450	520	22,830	46,205	73	1	600	70	29,799
7	Blacksmithing and wheelwrighting	2,100	1,681,431	276,632	293,724	391,950	719,125	2,474	6	2,890	1,101	460,076
8	Boots and shoes, custom work and repairing.	340	162,357	14,475	22,505	54,721	70,656	339	1	390	131	61,325
9	Bottling	3	5,350	500	500	2,500	1,850	3	------	------	6	1,750
10	Boxes, wooden packing	9	70,252	1,150	8,500	24,727	35,875	10	6	4,420	74	21,782
11	Bread and other bakery products	178	442,610	69,925	93,338	140,615	138,732	187	26	16,141	457	220,028
12	Brick and tile	143	1,293,271	141,747	453,207	376,550	321,767	161	64	51,491	1,579	419,573
13	Bridges	5	6,817	------	------	3,650	3,167	5	4	3,900	40	16,940
14	Brooms and brushes	54	54,477	6,365	10,730	9,952	27,430	62	3	2,139	78	29,977
15	Carpentering	397	555,906	59,765	47,443	108,406	340,292	467	6	5,635	1,740	1,035,938
16	Carriages and wagons	78	416,977	76,078	101,818	62,585	176,496	99	9	7,480	310	168,415
17	Cars and general shop construction and repairs by steam railroad companies.	56	3,730,792	437,873	897,579	1,104,483	1,290,857	------	263	292,398	6,633	4,004,769
18	Cars and general shop construction and repairs by street railroad companies.	3	12,400	6,500	3,300	1,360	1,240	------	2	1,700	12	7,520
19	Charcoal	13	28,145	5,175	14,565	1,960	6,445	12	------	------	58	19,990
20	Cheese, butter, and condensed milk, factory product.	12	41,670	4,970	15,500	15,300	5,900	9	3	1,800	18	8,870
21	Clothing, men's, custom work and repairing.	276	366,551	16,740	20,520	43,306	285,985	305	23	15,358	659	351,983
22	Clothing, men's, factory product	11	514,371	30,000	42,000	66,963	375,408	8	36	38,990	532	130,602
23	Clothing, women's, dressmaking	81	79,334	8,580	3,680	10,341	56,733	85	12	9,300	321	70,977
24	Coffee and spice, roasting and grinding	8	19,990	500	250	8,225	11,015	11	1	960	14	7,830
25	Coffins, burial cases, and undertakers' goods.	3	71,094	15,250	15,962	4,643	35,239	2	3	2,655	14	5,890
26	Confectionery	69	382,934	46,300	37,100	95,819	203,715	77	67	45,396	406	163,847
27	Cooperage	23	178,150	26,000	13,819	50,760	87,571	24	11	14,280	190	66,253
28	Cotton, compressing	45	3,355,732	563,950	930,693	1,702,542	158,547	2	154	126,616	928	321,375
29	Cotton, ginning[1]	3,222	9,282,101	396,407	1,651,768	7,067,493	166,433	4,059	295	38,866	4,295	648,157
30	Cotton goods	4	2,227,184	64,869	373,234	922,991	866,090	------	21	31,388	984	253,630
31	Dyeing and cleaning	56	66,132	23,770	18,502	13,407	10,453	63	45	7,640	92	27,682
32	Electrical construction and repairs	13	36,645	2,000	2,300	6,220	26,125	17	5	2,810	60	31,230
33	Flavoring extracts	3	26,245	------	------	1,070	25,175	2	3	5,200	19	7,910
34	Flouring and grist mill products	289	4,273,490	283,704	994,377	1,452,868	1,542,541	329	135	145,698	705	398,908
35	Food preparations	7	34,160	8,500	5,200	15,270	5,190	12	1	720	19	9,126
36	Foundry and machine shop products	99	2,809,524	285,712	322,430	680,907	1,520,475	104	118	134,916	1,343	728,553

[1] Does not include many ginneries operated in connection with saw, grist, and cottonseed-oil mills, or for the use exclusively of plantations on which they are located. For the full number of ginneries in operation reference should be made to the special report on cotton ginning.

BY COUNTIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
1,450	$844,874	82	$25,134	19	$2,888	$396,816	$44,202	$24,063	$307,290	$21,261	$3,568,712	$3,458,897	$109,815	$5,669,886	157
62	21,835	------	------	4	399	7,052	912	958	5,032	150	106,588	102,031	4,557	208,058	158
2	680	------	------	1	100	213	36	39	138	------	2,252	2,074	178	6,761	159
94	28,729	------	------	1	100	3,893	407	383	2,853	250	66,842	62,350	4,492	146,268	160
54	29,133	------	------	3	300	4,508	1,856	601	2,051	------	39,209	34,661	4,548	119,244	161
968	471,747	91	26,115	22	2,603	187,936	31,499	8,679	52,195	95,563	961,751	925,028	36,723	2,175,391	162
368	149,520	1	180	5	730	11,535	730	3,511	7,294	------	568,682	568,099	583	858,630	163
582	251,463	2	330	15	2,455	16,121	84	2,527	13,510	------	666,165	665,738	427	1,117,417	164
294	85,153	2	900	2	180	20,063	577	929	18,557	------	261,910	260,168	1,742	537,585	165
8	3,250	------	------	------	------	1,348	328	127	893	------	6,664	6,412	252	19,093	166
10	2,962	------	------	1	175	1,277	490	130	657	------	3,583	2,426	1,157	13,000	167
252	76,235	14	4,970	1	75	8,216	1,612	2,785	3,819	------	174,822	132,060	42,762	369,151	168
133	46,071	8	2,010	3	316	20,263	4,990	1,187	14,081	5	108,916	100,455	8,461	268,046	169
61	19,140	4	780	6	250	4,384	1,023	644	2,717	------	37,961	35,775	2,186	90,745	170
39	13,965	5	1,850	2	300	3,143	1,017	435	1,691	------	70,626	68,442	2,184	131,124	171
310	110,661	17	5,780	1	164	27,041	5,534	3,734	17,773	------	431,074	405,796	25,278	788,258	172
384	168,051	1	240	10	1,019	6,884	2,003	2,082	2,349	450	149,176	138,740	10,436	360,384	173
73	12,184	1	250	1	200	3,327	1,137	363	1,827	------	16,833	12,817	4,016	66,402	174
32	14,416	2	270	1	300	6,625	1,298	438	4,889	------	184,840	181,054	3,786	241,308	175
17	7,309	3	350	3	352	3,365	1,070	909	1,386	------	62,375	60,794	1,581	97,108	176
520	159,691	19	5,385	2	204	46,954	12,452	3,331	21,417	9,754	511,853	489,393	22,460	1,062,337	177
145	30,077	------	------	------	------	9,128	130	671	8,207	120	29,119	12,454	16,665	113,956	178
120	24,855	11	1,772	7	803	8,237	1,638	1,716	4,883	------	168,071	161,147	6,924	297,542	179
194	62,460	------	------	9	1,348	7,314	824	1,153	5,327	10	209,187	204,795	4,392	378,302	180
19	7,171	------	------	1	96	1,562	312	403	847	------	45,992	44,502	1,490	81,053	181
44	25,094	1	230	1	87	1,987	1,120	298	509	60	25,642	23,993	1,649	71,564	182

SPECIFIED INDUSTRIES: 1900.

44,199	$19,669,733	2,913	$737,363	1,041	$145,259	$6,144,924	$785,554	$525,565	$4,525,380	$308,425	$67,102,769	$64,612,488	$2,490,281	$119,414,982	1
28	10,419	------	------	------	------	23,928	120	418	3,190	20,200	66,572	65,017	1,555	117,370	2
1	1,000	------	------	------	------	540	410	100	30	------	2,354	2,315	39	13,000	3
20	11,516	39	9,452	------	------	4,366	2,568	333	1,465	------	93,170	92,999	171	158,367	4
37	11,580	30	4,380	3	312	8,224	480	800	6,944	------	154,950	152,962	1,988	299,765	5
61	28,521	------	------	9	1,278	13,475	9,477	422	3,576	------	46,529	45,517	1,012	141,378	6
1,080	457,102	------	------	21	2,974	92,759	57,980	11,566	22,409	804	793,186	700,988	92,198	2,822,468	7
127	60,292	2	723	2	310	31,637	25,336	1,414	4,562	325	159,633	158,566	1,067	445,264	8
5	1,630	------	------	1	120	745	420	10	315	------	2,873	2,825	48	7,250	9
62	19,662	4	900	3	1,220	3,446	916	375	2,155	------	61,488	60,464	1,024	124,049	10
396	205,162	30	9,800	31	5,066	54,582	29,610	3,950	21,022	------	685,314	657,989	27,325	1,302,615	11
1,532	413,505	------	------	47	6,068	47,014	1,715	5,677	38,872	750	234,517	26,739	207,778	1,020,205	12
40	16,940	------	------	------	------	11,674	440	12	1,196	10,026	80,150	80,150	------	125,790	13
69	28,176	5	851	4	950	3,230	1,306	341	1,533	50	73,589	73,169	420	159,427	14
1,733	1,035,288	1	120	6	530	151,331	12,529	3,142	19,474	116,186	2,585,963	2,584,316	1,647	4,614,199	15
309	168,315	------	------	1	100	22,039	7,604	4,021	10,014	400	197,030	187,568	9,462	555,574	16
6,633	4,004,769	------	------	------	------	138,838	------	45,194	77,644	16,000	3,878,536	3,790,560	87,976	8,314,691	17
12	7,520	------	------	------	------	680	200	275	205	------	10,238	10,189	49	20,138	18
58	19,990	------	------	------	------	227	86	6	------	135	25,687	25,687	------	53,923	19
18	8,870	------	------	------	------	1,648	870	232	546	------	51,454	49,703	1,751	81,017	20
577	328,130	75	22,800	7	1,058	83,641	58,668	2,896	20,977	1,100	474,715	469,129	5,586	1,238,367	21
55	24,161	445	102,233	32	4,208	31,343	4,500	3,401	23,442	------	346,943	343,025	3,918	616,584	22
------	------	313	70,155	8	822	12,614	8,861	583	2,670	500	94,987	94,519	468	240,824	23
14	7,830	------	------	------	------	2,302	1,230	234	838	------	43,719	43,016	703	63,646	24
14	5,890	------	------	------	------	1,432	120	582	730	------	6,515	5,565	950	18,000	25
255	129,278	137	32,115	14	2,454	39,411	18,911	2,413	18,087	------	535,376	523,677	11,699	981,604	26
189	66,053	------	------	1	200	6,403	1,947	962	3,494	------	201,706	197,681	4,025	351,908	27
919	320,145	3	500	6	730	186,292	8,869	29,090	136,046	12,287	143,965	76,495	67,470	1,081,212	28
4,292	647,923	------	------	3	234	282,644	41,442	51,973	189,221	8	1,573,911	1,328,468	245,443	5,886,923	29
497	164,325	302	64,997	185	24,308	113,156	------	6,105	107,051	------	641,341	602,775	38,566	1,199,990	30
45	19,809	39	7,029	8	844	12,144	7,420	422	4,202	100	14,793	11,459	3,334	115,500	31
59	31,154	------	------	1	76	4,534	2,755	165	1,614	------	38,171	37,408	763	97,200	32
17	7,260	2	650	------	------	8,350	1,110	214	7,026	------	35,467	35,467	------	64,610	33
705	398,908	------	------	------	------	243,390	4,663	32,774	205,953	------	10,372,387	10,218,903	153,484	12,333,730	34
17	8,530	2	596	------	------	1,833	804	270	759	------	31,350	29,695	1,655	51,770	35
1,339	727,851	------	------	4	702	94,490	11,343	13,778	68,279	1,090	1,181,042	1,132,369	48,673	2,682,426	36

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
37	Fruits and vegetables, canning and preserving.	10	$53,852	$1,575	$14,310	$23,100	$14,867	8	5	$3,430	111	$26,828
38	Furniture, cabinetmaking, repairing, and upholstering.	101	111,262	16,875	26,775	23,377	44,235	111	3	2,330	88	42,546
39	Furniture, factory product	8	145,323	13,734	24,805	22,167	84,617	5	14	12,414	152	60,861
40	Gas, illuminating and heating	11	1,763,597	206,704	127,794	1,311,890	117,209		41	46,037	71	46,166
41	Hairwork	3	2,765			255	2,510	3			1	360
42	Hand stamps	7	16,400			9,100	7,300	8			7	2,880
43	Hats and caps, not including fur hats and wool hats.	3	7,155			1,700	5,455	5	3	1,440	7	3,900
44	Ice, manufactured	77	2,563,888	267,495	545,348	1,581,367	169,678	35	171	124,671	618	305,282
45	Ironwork, architectural and ornamental.	6	109,155	44,750	10,600	27,705	26,100	5	7	6,480	59	42,835
46	Jewelry	6	17,877			7,120	10,757	8	2	780	21	16,302
47	Leather, tanned, curried, and finished	11	24,763	240	2,826	3,016	18,681	12	2	1,300	29	9,216
48	Lime and cement	10	488,605	96,192	172,773	101,929	117,711	7	24	30,945	227	74,790
49	Liquors, distilled	5	24,426	3,125	3,050	5,400	12,851	5			6	1,955
50	Liquors, malt	9	4,439,012	295,635	1,156,821	1,099,179	1,887,377	2	98	180,619	585	354,682
51	Lock and gun smithing	62	45,931	4,610	3,850	21,443	16,028	69	1	720	22	11,048
52	Looking-glass and picture frames	21	23,235			2,485	20,750	19	2	510	18	8,059
53	Lumber and timber products	637	19,161,265	7,287,341	1,020,955	4,562,733	6,290,236	845	388	381,368	7,924	3,094,917
54	Lumber, planing mill products, including sash, doors, and blinds.	76	932,860	98,721	126,484	238,572	469,083	93	62	51,998	657	332,288
55	Marble and stone work	22	116,515	11,625	15,975	19,925	68,990	26	15	10,700	132	119,822
56	Masonry, brick and stone	96	184,037	22,260	16,940	32,624	112,213	115	7	7,800	822	502,406
57	Mattresses and spring beds	30	165,122	15,216	20,620	40,400	88,886	36	8	5,421	154	51,863
58	Millinery, custom work	421	682,951	61,528	103,955	30,619	486,849	415	55	31,049	737	218,240
59	Mineral and soda waters	139	500,909	49,625	48,275	230,231	172,778	137	30	25,400	234	89,822
60	Monuments and tombstones	66	277,289	35,125	11,452	23,902	206,810	83	43	20,440	263	140,002
61	Oil, cottonseed and cake	103	7,986,962	457,027	2,088,043	4,119,546	1,322,346	15	376	375,013	2,478	830,766
62	Optical goods	8	30,775			7,400	23,375	8	6	5,580	11	5,534
63	Painting, house, sign, etc	166	157,584	22,390	16,800	25,860	92,534	195	13	12,012	458	272,386
64	Paints	5	14,975			2,925	12,050	10			13	6,600
65	Patent medicines and compounds	30	179,059	11,750	19,900	12,316	135,093	25	22	26,770	81	29,943
66	Paving and paving materials	10	50,425		1,900	29,000	19,525	9	10	8,220	209	96,435
67	Perfumery and cosmetics	4	5,085			1,830	3,255	5			4	4,200
68	Photography	217	216,768	10,225	16,840	121,556	68,147	234	2	948	115	50,600
69	Pickles, preserves, and sauces	7	47,498	500	3,800	4,105	39,093	6	7	5,900	21	6,055
70	Plastering and stuccowork	24	11,015	650	700	2,185	7,480	27			81	56,935
71	Plumbing, and gas and steam fitting	87	361,555	12,700	18,900	40,024	289,931	99	37	30,058	382	226,619
72	Pottery, terra cotta, and fire-clay products.	28	203,395	36,216	95,743	29,956	41,480	31	7	6,900	280	77,423
73	Printing and publishing, book and job	118	827,095	14,750	9,475	523,059	279,811	144	67	59,029	718	382,151
74	Printing and publishing, newspapers and periodicals.	654	2,479,073	110,038	266,930	1,364,515	737,590	776	263	275,910	1,829	916,029
75	Roofing and roofing materials	22	104,761	33,800	9,006	14,710	47,245	24	6	5,920	111	49,650
76	Saddlery and harness	359	2,757,700	200,137	344,951	182,784	2,029,828	407	108	92,410	1,093	504,221
77	Salt	3	327,036	54,493	115,876	80,000	76,667		11	17,070	191	66,079
78	Sausage	3	8,750			6,650	2,100	3			7	2,800
79	Sewing machine repairing	8	1,540			600	940	7			2	1,100
80	Ship and boat building, wooden	7	10,930	270	2,850	2,335	5,475	10			33	19,815
81	Shirts	7	13,575			3,775	9,800	10	3	4,500	67	19,638
82	Show cases	4	30,679			3,950	26,729	4	2	300	34	18,047
83	Slaughtering and meat packing, wholesale.	12	1,232,267	53,871	244,329	222,952	711,115	6	49	61,797	414	179,505
84	Soap and candles	7	71,944	19,920	9,250	11,668	31,106	6	5	1,565	33	13,394
85	Sugar and molasses, refining	44	1,015,653	3,405	118,390	720,845	173,013	46	11	7,445	159	42,344
86	Tinsmithing, coppersmithing, and sheet-iron working.	344	690,276	88,914	118,668	165,365	317,329	392	28	22,090	616	321,055
87	Tobacco, cigars and cigarettes	79	227,175	18,540	16,575	11,660	180,400	94	22	17,590	303	133,353
88	Trunks and valises	5	50,975	2,500	2,500	9,475	36,500	4	5	4,720	43	21,272
89	Watch, clock, and jewelry repairing	298	306,921	28,375	29,603	108,347	140,596	311	5	2,577	158	102,433
90	Wirework, including wire rope and cable.	5	22,050	550	600	1,674	19,226	4	3	400	5	2,528
91	Wood, preserving	4	418,291	48,637	133,089	99,250	137,315		19	16,640	204	88,828
92	Wood, turned and carved	13	31,565	1,490	4,680	19,065	6,330	15	1	600	23	10,406
93	Woolen goods	3	285,663	18,250	54,150	112,792	100,471	1	10	15,763	134	40,674
94	All other industries[1]	74	5,809,763	199,781	1,536,836	2,214,610	1,858,536	73	113	142,069	1,821	617,103

[1] Embraces ammunition, 1; bookbinding and blank book making, 1; boot and shoe uppers, 2; boxes, cigar, 1; boxes, fancy and paper, 2; brass castings and brass finishing, 1; carpets, rag, 2; carpets, wood, 1; carriage and wagon materials, 2; china decorating, 1; clothing, women's, factory product, 1; combs, 1; cordage and twine, 1; dentists' materials, 1; electrical apparatus and supplies, 1; electroplating, 2; engraving and diesinking, 2; engraving, steel, including plate printing, 2; fancy articles, not elsewhere specified, 1; fertilizers, 2; fireworks, 1; fish, canning and preserving, 1; furs, dressed, 2; gas machines and meters, 2; glass, cutting, staining, and ornamenting, 1; hosiery and knit goods, 1; iron and steel, 2; ivory and bone work, 1; jute and jute goods, 1; lamps and reflectors, 1; lard, refined, 1; lead,

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
22	$9,157	63	$14,832	26	$2,839	$1,245	$440	$124	$681	----------	$85,275	$84,268	$1,007	$151,104	37
84	41,451	3	970	1	125	13,837	9,498	1,102	3,112	$125	81,341	80,384	957	222,937	38
139	57,942	3	819	10	2,100	10,089	1,830	748	7,511	----------	77,632	74,757	2,875	185,285	39
71	46,166	----------	----------	----------	----------	56,080	150	17,190	38,740	----------	94,180	85,212	8,968	379,613	40
----------	----------	1	360	----------	----------	659	564	45	50	----------	1,538	1,490	48	3,750	41
6	2,620	1	260	----------	----------	2,545	1,644	66	835	----------	6,800	6,685	115	24,105	42
4	2,912	2	832	1	156	1,518	1,156	60	302	----------	7,614	7,568	46	20,432	43
607	303,682	1	500	10	1,100	132,435	5,209	22,334	104,892	----------	320,381	116,170	204,211	1,184,332	44
89	42,835	----------	----------	----------	----------	3,432	135	1,002	2,295	----------	56,960	54,120	2,840	135,800	45
20	15,782	1	520	----------	----------	3,599	1,732	58	1,749	60	28,968	28,365	603	68,530	46
25	8,638	1	50	3	528	1,158	469	108	581	----------	52,207	51,964	243	76,508	47
226	74,390	1	400	----------	----------	52,836	800	2,833	48,407	796	74,959	38,847	36,112	282,896	48
6	1,955	----------	----------	----------	----------	10,814	----------	71	10,743	----------	4,446	3,336	1,110	20,657	49
555	349,351	6	471	24	4,860	1,210,381	2,120	28,107	1,180,154	----------	646,794	514,407	132,387	2,689,606	50
21	10,840	1	208	----------	----------	6,816	5,211	300	1,305	----------	18,054	17,388	666	74,011	51
15	7,450	----------	----------	3	609	3,840	2,672	343	825	----------	20,488	20,442	46	41,965	52
7,883	3,087,398	3	296	38	7,223	368,437	5,114	70,168	293,155	----------	9,668,343	9,666,863	1,480	16,296,473	53
651	331,104	----------	----------	6	1,184	40,632	9,314	5,831	25,227	260	900,302	890,929	9,373	1,605,297	54
132	119,822	----------	----------	----------	----------	5,805	1,472	665	3,668	----------	116,274	114,079	2,195	374,267	55
822	502,406	----------	----------	----------	----------	28,057	1,666	907	8,738	16,746	1,012,891	1,012,041	850	1,891,253	56
124	45,837	20	4,519	10	1,507	10,074	2,105	864	7,105	----------	170,104	166,588	3,516	312,429	57
3	3,100	726	214,163	8	977	86,478	54,750	5,198	26,530	----------	814,554	813,088	1,466	1,494,968	58
215	86,578	1	208	18	3,036	51,410	11,812	3,123	36,175	300	223,676	218,038	5,638	646,420	59
260	139,522	----------	----------	3	480	11,028	3,414	1,919	5,610	85	227,899	226,161	1,738	570,131	60
2,464	826,311	13	4,230	1	225	550,225	2,635	50,743	495,634	1,213	10,372,753	10,039,566	333,187	14,005,324	61
11	5,534	----------	----------	----------	----------	6,099	3,180	326	2,593	----------	27,061	26,596	465	77,550	62
453	271,181	1	480	4	725	24,530	13,499	1,047	9,634	350	301,989	301,756	233	849,079	63
13	6,600	----------	----------	----------	----------	2,760	1,240	86	1,434	----------	22,032	21,708	324	39,830	64
50	23,336	27	5,938	4	669	50,369	4,061	1,702	44,356	250	112,133	111,364	769	343,769	65
209	96,435	----------	----------	----------	----------	5,132	452	118	4,562	----------	143,210	141,112	2,098	293,720	66
3	3,600	1	600	----------	----------	1,821	553	210	908	150	6,828	6,768	60	16,463	67
88	43,701	25	6,747	2	152	43,852	28,249	3,780	11,063	760	116,880	116,000	880	427,401	68
13	5,231	3	384	5	440	4,918	1,080	102	3,736	----------	34,887	34,506	381	75,006	69
81	56,935	----------	----------	----------	----------	3,011	930	24	2,057	----------	61,534	61,534	----------	162,940	70
372	224,111	1	480	9	2,028	45,325	21,817	2,985	16,673	3,850	477,551	473,554	3,997	945,462	71
279	77,324	----------	----------	1	99	12,294	580	1,043	10,401	270	43,876	15,031	28,845	192,061	72
579	347,134	106	30,497	33	4,520	111,863	35,194	5,125	35,487	36,057	334,886	322,066	12,820	1,189,700	73
1,453	852,564	99	29,899	277	33,566	391,325	67,211	15,796	243,115	65,203	631,382	599,741	31,641	3,387,410	74
108	49,106	----------	----------	3	544	8,450	2,032	923	5,390	100	121,105	120,327	778	234,332	75
1,039	495,276	34	6,080	20	2,865	153,769	55,983	18,785	78,577	424	2,066,243	2,060,408	5,835	3,420,790	76
179	61,929	12	4,150	----------	----------	6,255	----------	2,235	4,020	----------	141,342	100,943	40,399	256,900	77
6	2,500	1	300	----------	----------	1,133	1,094	14	25	----------	12,090	10,885	1,205	20,000	78
2	1,100	----------	----------	----------	----------	1,009	990	14	5	----------	1,737	1,727	10	6,950	79
83	19,815	----------	----------	----------	----------	1,150	841	9	----------	300	90,845	90,795	50	126,446	80
5	2,800	62	16,838	----------	----------	3,054	1,910	52	1,092	----------	33,077	32,795	282	71,738	81
34	18,047	----------	----------	----------	----------	4,946	1,900	26	3,020	----------	31,969	31,669	300	61,654	82
394	173,438	19	5,867	1	200	66,749	5,120	5,070	56,559	----------	3,170,536	3,116,578	53,958	3,904,491	83
30	12,744	3	650	----------	----------	3,996	1,530	647	1,819	----------	77,119	75,854	1,265	113,172	84
154	41,845	3	331	2	168	40,118	----------	4,093	35,925	100	233,343	200,063	33,280	367,078	85
605	319,345	----------	----------	11	1,710	57,646	30,724	5,113	21,359	450	725,601	714,159	11,442	1,508,560	86
212	116,035	59	12,894	32	4,424	70,666	7,117	974	62,575	----------	203,206	202,747	459	525,959	87
43	21,272	----------	----------	----------	----------	3,775	2,380	258	1,137	----------	8,463	7,860	603	86,369	88
151	101,324	4	817	8	292	46,514	34,958	2,435	8,755	366	95,320	93,848	1,472	462,518	89
6	2,528	----------	----------	----------	----------	1,399	237	30	1,083	49	5,989	5,972	17	11,051	90
204	88,828	----------	----------	----------	----------	15,009	----------	2,609	12,400	----------	1,070,029	1,030,746	39,283	1,352,870	91
23	10,406	----------	----------	----------	----------	1,114	209	140	565	200	12,927	12,173	754	33,996	92
76	29,066	34	8,388	24	3,220	17,428	----------	1,528	15,900	----------	117,327	114,583	2,744	196,340	93
1,632	573,890	143	35,084	46	8,129	539,653	9,861	10,202	519,590	----------	6,546,198	6,106,490	439,708	8,494,470	94

smelting and refining, 1; leather goods, 1; liquors, vinous, 2; lithographing and engraving, 1; mantels, slate, marble, and marbleized, 1; musical instruments and materials, not specified, 2; musical instruments, organs and materials, 1; oleomargarine, 1; paper and wood pulp, 2; paper hanging, 1; petroleum, refining, 1; photolithographing and photoengraving, 1; printing materials, 2; refrigerators, 1; rice, cleaning and polishing, 1; stationery goods, not elsewhere specified, 1; stencils and brands, 1; stereotyping and electrotyping, 1; taxidermy, 2; tools, not elsewhere specified, 1; typewriter repairing, 1; vinegar and cider, 2; washing machines and clothes wringers, 2; window shades, 2.

TABLE 8.—MANUFACTURES IN CITIES

AUSTIN.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	279	$825,293	$51,088	$84,496	$343,340	$346,369	298	60	$47,590	967	$471,818
2	Blacksmithing and wheelwrighting	37	22,496	7,780	5,857	4,870	3,989	43			39	15,821
3	Boots and shoes, custom work and repairing.	15	3,670	150	700	2,085	735	14			5	2,875
4	Bread and other bakery products	12	6,670	425	1,170	2,525	2,550	12			19	8,257
5	Carpentering	34	25,516	2,465	2,349	5,337	15,395	35			109	56,091
6	Carriages and wagons	3	6,554			1,265	5,289	4			12	5,900
7	Clothing, men's, custom work and repairing.	15	8,770			1,940	6,830	15			21	8,673
8	Coffee and spice, roasting and grinding	5	5,225	500	250	1,375	3,100	8			2	975
9	Confectionery	3	12,750			10,800	1,950	2	1	480	10	3,820
10	Flouring and grist mill products	3	3,450	200	200	1,000	2,050	4			2	1,170
11	Foundry and machine shop products	4	75,265	1,450	5,950	23,700	44,165	5	10	3,275	31	15,550
12	Furniture, cabinetmaking, repairing, and upholstering.	9	9,000	125	350	1,905	6,620	10			15	6,415
13	Lock and gun smithing	5	2,858	50	25	1,668	1,115	7	1	720	6	3,490
14	Looking-glass and picture frames	3	1,260			210	1,050	1	1	150	3	1,300
15	Masonry, brick and stone	9	14,670	450	970	4,015	9,235	10			114	62,105
16	Mattresses and spring beds	5	7,484			5,492	1,992	5	1	700	14	3,156
17	Millinery, custom work	7	16,468	100	350	1,202	14,816	8	1	300	52	17,958
18	Painting, house, sign, etc	11	1,635	50	50	880	655	12			21	11,412
19	Photography	6	15,225	1,000	425	7,250	6,550	6			5	2,497
20	Plastering and stuccowork	5	1,087	100	50	452	485	5			5	1,625
21	Plumbing, and gas and steam fitting	7	19,575			3,400	16,175	8	1	1,000	20	10,275
22	Printing and publishing, book and job	5	82,200			63,300	18,900	9			94	60,275
23	Printing and publishing, newspapers and periodicals.	15	74,370	10,343	900	30,134	32,993	11	17	12,010	55	37,850
24	Roofing and roofing materials	3	9,200			3,400	5,800	3			20	8,000
25	Tinsmithing, coppersmithing, and sheet-iron working.	5	4,500			1,875	2,625	5			7	4,704
26	Tobacco, cigars and cigarettes	4	4,360	200	400	510	3,250	4			4	2,350
27	Watch, clock, and jewelry repairing	9	7,810			3,510	4,300	8	1	240	10	6,640
28	All other industries[1]	40	383,195	25,700	64,500	159,240	133,755	44	26	28,715	272	112,634

[1] Embraces bicycle and tricycle repairing, 2; brick and tile, 1; bridges, 1; cars and general shop construction and repairs by steam railroad companies, 1; cars and general shop construction and repairs by street railroad companies, 2; clothing, men's, factory product, 1; cotton, compressing, 1; cotton, ginning, 1; dentists' materials, 1; dyeing and cleaning, 2; electrical construction and repairs, 1; food preparations, 1; fruits and vegetables, canning and preserving, 1; hairwork, 1; hand stamps, 1; ice, manufactured, 2; ironwork, architectural and ornamental, 1; lumber, planing mill products, including sash, doors, and blinds, 2; mantels, slate,

DALLAS.

1	All industries	373	$6,897,015	$419,074	$845,097	$1,757,153	$3,875,691	386	540	$547,271	3,756	$1,852,485
2	Awnings, tents, and sails	4	36,405	2,300	4,000	8,105	22,000	3	2	2,700	34	10,320
3	Bicycle and tricycle repairing	4	5,100			2,200	2,900	3			6	2,350
4	Blacksmithing and wheelwrighting	40	33,160	10,500	3,700	8,680	10,280	46			58	33,180
5	Boots and shoes, custom work and repairing.	20	8,405	1,600	750	3,750	2,305	20			9	4,190
6	Bread and other bakery products	7	26,815	7,000	5,000	7,440	7,375	9			27	15,278
7	Brooms and brushes	3	3,415			1,615	1,800	6			13	5,200
8	Carpentering	15	48,400			5,400	43,000	18	1	2,500	176	93,638
9	Carriages and wagons	3	18,150	5,000	5,550	1,800	5,800	3			19	13,560
10	Clothing, men's, custom work and repairing.	17	42,440			3,240	39,200	18	3	1,768	81	57,922
11	Clothing, women's, dressmaking	4	38,885			1,885	37,000	3	9	5,600	76	18,600
12	Confectionery	4	11,975			4,725	7,250	7	6	1,820	17	6,827
13	Dyeing and cleaning	3	18,700	4,400	12,000	1,700	600	4	1	800	9	4,135
14	Electrical construction and repairs	3	4,300			2,300	2,000	4			16	8,090
15	Foundry and machine shop products	8	916,064	25,900	49,776	67,276	773,112	6	26	35,757	265	135,900
16	Furniture, cabinetmaking, repairing, and upholstering.	5	1,760			825	935	6			3	1,560
17	Ice, manufactured	3	371,000	27,000	81,500	247,000	15,500		52	26,400	68	27,700
18	Lock and gun smithing	4	3,300			2,050	1,250	4			3	1,928
19	Lumber, planing mill products, including sash, doors, and blinds.	4	60,878	4,900	7,000	15,478	33,500	3	6	5,648	84	58,188
20	Marble and stone work	3	33,850	3,025	1,125	10,000	19,700	3	4	6,000	72	72,000
21	Masonry, brick and stone	8	20,475			12,425	8,050	12	1	900	116	99,524
22	Millinery, custom work	5	20,225			1,725	18,500	6	10	6,750	32	12,670
23	Mineral and soda waters	6	83,700	2,500	1,500	5,800	73,900	5	14	13,800	19	10,656
24	Monuments and tombstones	3	24,950	7,000	250	700	17,000	2	4	3,300	15	8,090
25	Painting, house, sign, etc	10	35,250	8,000	4,200	4,500	18,550	10	3	4,300	69	45,190
26	Patent medicines and compounds	7	46,825	8,000	6,500	2,725	29,600	6	7	9,900	36	13,280
27	Photography	7	11,685		360	6,800	4,525	7			10	5,292
28	Plumbing, and gas and steam fitting	11	38,100	3,500	3,500	3,300	27,800	13	3	1,520	44	27,760
29	Printing and publishing, book and job	20	207,207			152,047	55,160	25	21	16,080	145	78,226
30	Printing and publishing, newspapers and periodicals.	22	383,352	15,000	60,000	117,770	190,582	16	107	122,196	139	119,526
31	Roofing and roofing materials	4	13,100	5,000	1,000	2,100	5,000	4			24	15,420

BY SPECIFIED INDUSTRIES: 1900.

AUSTIN.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
854	$443,100	91	$26,115	22	$2,603	$152,199	$30,055	$7,284	$47,801	$67,059	$896,750	$871,400	$25,350	$1,921,853	1
38	15,737			1	84	2,822	2,335	304	83	100	17,246	16,053	1,193	63,121	2
5	2,875					1,125	1,040	25	60		5,134	5,111	23	16,195	3
17	7,907			2	350	1,869	1,715	107	47		24,497	23,359	1,138	47,950	4
109	56,091					40,053	827	128	1,764	37,334	154,753	154,753		281,636	5
12	5,900					1,459	1,380	45	34		7,260	6,995	265	19,560	6
16	7,573	5	1,100			2,717	2,551	115	51		13,473	13,334	139	36,820	7
2	975					275	205	60	10		12,048	11,845	203	15,315	8
9	3,440	1	380			1,532	730	50	752		10,832	10,137	695	20,063	9
2	1,170					539	350	35	154		26,352	25,677	675	31,344	10
31	15,550					3,263	200	828	2,435	800	24,818	22,921	1,897	62,159	11
14	6,115	1	300			1,240	1,085	60	95		5,465	5,465		20,470	12
5	3,490					496	420	28	48		2,506	2,427	79	11,103	13
2	1,060			1	240	385	312	48	25		2,640	2,640		5,615	14
114	62,105					4,987	7	35	870	4,075	98,654	98,604	50	181,828	15
9	2,545	2	298	3	313	1,365	570	28	767		9,013	8,919	94	17,042	16
		52	17,958			1,791	1,495	175	121		39,430	39,430		67,649	17
21	11,412					557	535	14	8		11,662	11,662		35,236	18
3	2,150	1	275	1	72	1,249	849	157	243		4,883	4,883		16,107	19
5	1,625					224	216	2	6		3,550	3,550		8,035	20
20	10,275					5,762	1,231	246	1,385	2,900	33,019	32,827	192	71,675	21
89	58,525	5	1,750			6,006	2,476	640	2,855	35	29,854	28,596	1,258	115,880	22
47	36,662	3	482	5	706	27,131	2,139	470	12,233	12,289	12,657	11,777	880	105,530	23
20	8,000					772	480	255	37		20,900	20,700	200	36,635	24
7	4,704					868	660	51	157		10,225	10,045	180	19,558	25
4	2,350					1,373	170	17	1,186		4,457	4,457		11,426	26
9	6,340	1	300			1,353	1,188	144	21		4,877	4,835	42	20,088	27
243	108,524	20	3,272	9	838	40,986	4,889	3,717	22,354	10,026	306,545	290,398	16,147	583,813	28

marble, and marbleized, 1; marble and stone work, 2; mineral and soda waters, 1; monuments and tombstones, 2; musical instruments and materials, not specified, 1; musical instruments, organs and materials, 1; oil, cottonseed and cake, 1; optical goods, 1; patent medicines and compounds, 2; photolithographing and photoengraving, 1; saddlery and harness, 2; soap and candles, 1; trunks and valises, 1.

DALLAS.

2,947	$1,666,150	618	$157,169	191	$29,166	$665,954	$98,388	$38,631	$451,747	$77,188	$6,270,870	$6,137,509	$133,361	$11,480,499	1
8	5,116	26	5,204			2,301	1,380	231	690		66,156	66,070	86	103,600	2
6	2,350					1,320	850	30	440		2,854	2,709	145	8,450	3
57	33,060			1	120	7,885	5,048	264	2,573		34,916	32,709	2,207	118,340	4
7	3,880			2	310	2,985	2,454	26	505		11,453	11,387	66	32,707	5
25	14,774	1	360	1	144	3,815	2,210	182	1,423		43,824	42,259	1,565	94,590	6
11	4,600			2	600	867	410	32	425		11,945	11,875	70	26,500	7
176	93,638					24,756	1,386	25	3,345	20,000	247,763	247,715	48	477,900	8
19	13,560					1,263	690	108	465		11,545	11,300	245	33,600	9
79	57,097	1	700	1	125	9,806	7,068	283	2,455		49,265	48,780	485	142,570	10
		72	18,000	4	600	3,700	2,420	250	1,030		55,150	55,150		85,500	11
11	5,622	6	1,205			2,727	2,090	75	562		11,473	10,915	558	30,300	12
7	3,770	2	365			2,110	900	160	1,050		1,670	1,325	345	14,500	13
16	8,090					1,370	720		650		8,970	8,495	475	23,000	14
265	135,900					24,950	2,016	2,194	20,740		316,030	312,751	3,279	672,720	15
3	1,560					1,027	672		355		4,090	4,090		11,100	16
68	27,700					14,511		3,411	11,100		47,275	15,875	31,400	149,800	17
2	1,720	1	208			1,004	690	9	305		2,126	2,027	99	7,200	18
84	58,188					6,006	1,680	523	3,803		81,789	80,900	889	175,435	19
72	72,000					2,108	120	78	1,910		44,825	43,225	1,600	196,000	20
116	99,524					2,659	360	114	2,185		141,635	141,535	100	330,000	21
		32	12,670			9,144	5,965	6	3,173		58,800	58,800		115,500	22
16	9,872	1	208	2	576	10,891	2,041	350	8,500		57,580	56,535	1,045	136,200	23
15	8,090					740	370	180	190		18,750	18,750		43,000	24
68	44,950			1	240	6,441	3,234	237	2,970		50,243	50,225	18	137,800	25
23	11,060	13	2,220			10,465	1,148	1,037	8,280		48,950	48,825	125	137,800	26
3	4,464	2	828			3,099	1,940	103	1,056		4,830	4,800	30	22,100	27
43	27,640			1	120	4,824	2,638	188	1,998		56,186	55,225	961	115,300	28
117	70,772	24	6,850	4	604	27,870	8,928	1,018	15,724	2,200	74,247	70,993	3,254	284,178	29
126	115,420	7	3,408	6	698	95,294	5,652	2,491	52,363	34,788	163,263	158,034	5,229	681,136	30
24	15,420					2,719	390	79	2,250		31,498	31,375	123	66,000	31

TABLE 8.—MANUFACTURES IN CITIES

DALLAS—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
32	Saddlery and harness	13	$1,189,950	$97,000	$126,766	$46,825	$919,359	16	70	$63,380	383	$173,382
33	Shirts	3	5,600			2,600	3,000	3	3	4,500	36	7,938
34	Tinsmithing, coppersmithing, and sheet-iron working.	10	54,855	9,739	4,800	10,735	29,581	11	4	7,200	48	29,420
35	Tobacco, cigars and cigarettes	9	20,550	275	200	2,275	17,800	15	11	4,750	76	26,342
36	Watch, clock, and jewelry repairing	19	20,920			9,175	11,745	22			27	20,142
37	All other industries [1]	62	3,037,269	171,435	465,620	980,182	1,420,032	47	172	199,702	1,501	589,061

[1] Embraces agricultural implements, 1; artificial limbs, 1; baking and yeast powders, 2; bookbinding and blank book making, 1; boot and shoe uppers, 1; bottling, 1; boxes, cigar, 1; boxes, fancy and paper, 1; boxes, wooden packing, 2; brick and tile, 2; cheese, butter, and condensed milk, factory product, 1; clothing, men's, factory product, 2; cooperage, 2; cotton goods, 1; electrical apparatus and supplies, 1; electroplating, 1; fancy articles, not elsewhere specified, 1; flavoring extracts, 1; flouring and grist mill products, 2; gas, illuminating and heating, 1; gas machines and meters, 1; glass, cutting, staining, and ornamenting, 1; hand stamps, 1; hats and caps, not including fur hats and wool hats, 1; ironwork, architectural and ornamental, 1; jewelry, 2; leather, tanned, curried, and finished, 1;

FORT WORTH.

1	All industries	209	$2,668,045	$205,014	$509,469	$805,858	$1,147,704	234	131	$145,904	1,449	$845,477
2	Bicycle and tricycle repairing	4	3,040			1,550	1,490	4			9	3,650
3	Blacksmithing and wheelwrighting	24	8,723	1,600	1,330	2,555	3,238	28			25	12,279
4	Boots and shoes, custom work and repairing.	13	2,459		75	559	1,825	13			3	1,224
5	Bread and other bakery products	6	48,325	5,000	10,000	8,000	25,325	6	1	2,100	65	40,940
6	Carpentering	11	42,810	2,900	2,225	8,725	33,960	11			95	61,606
7	Carriages and wagons	6	73,475	19,000	32,500	3,125	18,850	6			34	19,656
8	Cars and general shop construction and repairs by steam railroad companies.	4	121,186	11,903	49,585	28,957	30,741		18	16,583	239	142,220
9	Clothing, men's, custom work and repairing.	8	12,515			1,690	10,825	9	2	780	23	19,686
10	Clothing, women's, dressmaking	5	3,566	1,600	900	794	272	5			23	5,841
11	Dyeing and cleaning	4	1,650			500	1,150	6				
12	Flouring and grist mill products	3	578,409	30,000	147,863	162,799	237,747	3	11	14,780	74	56,540
13	Foundry and machine shop products	4	89,469	14,500	11,786	31,083	32,100	7	4	3,960	69	35,348
14	Furniture, cabinetmaking, repairing, and upholstering.	10	13,955			1,791	12,164	13	2	1,830	12	5,726
15	Ice, manufactured	3	155,500	16,000	46,000	79,500	14,000	1	7	11,400	49	29,800
16	Marble and stone work	3	25,650	2,000	10,500	4,550	8,600	4			13	15,368
17	Masonry, brick and stone	5	20,350	100	200	1,325	18,725	5			88	50,200
18	Millinery, custom work	5	8,475			375	8,100	9			13	4,410
19	Mineral and soda waters	3	18,800		1,800	9,000	8,000	3			14	3,612
20	Painting, house, sign, etc	6	14,585	1,045	3,500	1,425	8,615	10	1	1,200	36	21,997
21	Photography	6	8,205			4,625	3,580	6			6	2,880
22	Plumbing, and gas and steam fitting	8	39,325	3,000	3,000	1,750	31,575	9	2	1,800	38	21,665
23	Printing and publishing, book and job	7	60,793			33,140	27,653	7	11	10,339	50	23,993
24	Printing and publishing, newspapers and periodicals.	4	37,525			30,100	7,425	14	2	3,600	45	33,384
25	Saddlery and harness	6	32,020			2,070	29,950	7	3	1,680	17	11,713
26	Tinsmithing, coppersmithing, and sheet-iron working.	10	21,002	4,500	2,000	3,532	10,970	12	2	720	31	20,548
27	Tobacco, cigars and cigarettes	3	26,817			750	26,067	4			38	22,434
28	Watch, clock, and jewelry repairing	10	10,500			7,100	3,400	11			10	5,140
29	All other industries [1]	28	1,188,916	91,866	186,205	379,488	531,357	21	65	75,132	330	173,617

[1] Embraces brass castings and brass finishing, 1; confectionery, 1; cooperage, 2; furniture, factory product, 1; gas, illuminating and heating, 1; gas machines and meters, 1; hand stamps, 2; leather goods, 1; lime and cement, 1; liquors, malt, 1; looking-glass and picture frames, 2; lumber, planing mill products, including

GALVESTON.

1	All industries	295	$6,073,845	$983,243	$1,287,357	$2,016,847	$1,786,398	315	153	$183,996	2,058	$981,827
2	Bicycle and tricycle repairing	8	10,995		20	2,875	8,100	10			14	6,068
3	Blacksmithing and wheelwrighting	15	8,835	650	1,190	3,250	3,445	17			15	5,473
4	Boots and shoes, custom work and repairing.	14	5,625		250	3,135	2,240	14			6	2,825
5	Bread and other bakery products	24	129,669	12,300	12,975	74,933	29,461	24	11	3,440	89	35,617
6	Carpentering	31	47,765	10,050	6,050	9,550	22,115	40	1	900	177	104,475
7	Carriages and wagons	5	38,425	11,000	12,500	5,400	9,525	6	4	4,400	32	20,820
8	Clothing, men's, custom work and repairing.	23	22,687			3,935	18,752	27	2	750	60	34,271
9	Clothing, men's, factory product	3	33,800	3,000	12,000	4,300	14,500	3	1	1,000	55	14,013
10	Confectionery	6	19,177			8,110	11,067	8			25	8,805
11	Cooperage	3	1,785			475	1,310	4			7	2,340
12	Cotton, compressing	4	717,904	285,000	255,000	160,000	17,904		12	16,148	82	41,628
13	Flouring and grist mill products	4	732,207	65,300	182,824	154,396	329,687	6	9	11,040	69	34,131
14	Foundry and machine shop products	6	109,350	13,000	12,750	39,500	44,100	6	3	3,200	53	36,868
15	Lock and gun smithing	4	5,910	1,200	300	875	3,535	4			1	480
16	Lumber, planing mill products, including sash, doors, and blinds.	6	144,232	40,500	22,560	25,506	55,666	4	2	2,460	54	42,637

BY SPECIFIED INDUSTRIES: 1900—Continued.

DALLAS—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.*						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
372	$171,182	10	$2,080	1	$120	$37,488	$9,021	$7,870	$20,597	----------	$684,678	$682,242	$2,436	$1,076,700	32
----------	----------	36	7,938	----------	----------	1,662	1,020	32	610	----------	14,129	13,985	144	34,000	33
48	29,420	----------	----------	----------	----------	8,835	2,211	239	6,385	----------	48,322	47,744	578	127,674	34
28	18,775	31	5,150	17	2,417	14,446	1,520	75	12,851	----------	42,203	42,165	38	108,850	35
26	20,042	----------	----------	1	100	6,264	4,010	83	1,971	$200	13,853	13,696	157	64,500	36
1,001	476,894	353	89,775	147	22,392	308,602	15,136	16,648	256,818	20,000	3,708,584	3,633,023	75,561	5,595,949	37

lime and cement, 1; liquors, malt, 1; lithographing and engraving, 1; looking-glass and picture frames, 1; mattresses and spring beds, 1; oil, cottonseed and cake, 2; optical goods, 2; paints, 2; paving and paving materials, 2; perfumery and cosmetics, 2; pickles, preserves, and sauces, 2; plastering and stuccowork, 2; printing materials, 1; show cases, 1; slaughtering and meat packing, wholesale, 2; stereotyping and electrotyping, 1; tools, not elsewhere specified, 1; trunks and valises, 1; typewriter repairing, 1; wirework, including wire rope and cable, 1.

FORT WORTH.

1,349	$817,555	82	$25,134	18	$2,788	$392,377	$42,721	$23,363	$306,032	$21,261	$3,348,550	$3,248,310	$100,240	$5,332,804	1
8	3,550	----------	----------	1	100	385	325	----------	60	----------	3,060	2,935	125	10,223	2
25	12,279	----------	----------	----------	----------	2,687	2,255	175	257	----------	11,968	10,584	1,384	47,674	3
3	1,224	----------	----------	----------	----------	1,889	1,391	100	98	300	5,406	5,346	60	14,865	4
51	36,060	14	4,880	----------	----------	6,716	2,890	662	3,164	----------	108,762	105,238	3,524	187,963	5
95	61,606	----------	----------	----------	----------	20,062	402	82	2,290	17,288	114,178	113,811	367	224,125	6
34	19,656	----------	----------	----------	----------	3,065	420	950	1,590	105	23,017	22,095	922	57,071	7
239	142,220	----------	----------	----------	----------	6,542	----------	1,399	5,143	----------	157,847	153,078	4,769	323,193	8
23	19,686	----------	----------	----------	----------	4,512	3,796	228	488	----------	23,060	22,985	75	64,745	9
----------	----------	23	5,841	----------	----------	915	527	29	359	----------	951	941	10	10,966	10
----------	----------	----------	----------	----------	----------	1,318	588	12	718	----------	1,313	1,017	296	9,554	11
74	56,540	----------	----------	----------	----------	27,731	120	3,506	24,105	----------	1,366,000	1,346,618	19,382	1,539,128	12
69	35,348	----------	----------	----------	----------	6,123	462	1,166	3,820	675	30,098	28,403	1,695	101,088	13
12	5,726	----------	----------	----------	----------	3,980	2,880	148	952	----------	11,258	11,221	37	35,950	14
48	29,300	1	500	----------	----------	9,387	----------	1,917	7,470	----------	20,050	2,400	17,650	81,000	15
13	15,368	----------	----------	----------	----------	627	100	150	377	----------	18,550	18,115	435	54,600	16
88	50,200	----------	----------	----------	----------	1,540	----------	60	480	1,000	63,060	63,060	----------	133,068	17
----------	----------	13	4,410	----------	----------	2,990	2,520	120	350	----------	16,515	16,505	10	33,050	18
13	3,560	----------	----------	1	52	2,713	390	113	2,210	----------	4,575	4,455	120	21,545	19
36	21,997	----------	----------	----------	----------	1,526	615	170	491	250	13,755	13,696	59	50,012	20
6	2,880	----------	----------	----------	----------	2,406	1,660	157	589	----------	5,836	5,756	80	17,180	21
35	20,865	1	480	2	320	3,956	2,045	388	1,523	----------	37,073	36,831	242	77,106	22
36	19,856	10	3,577	4	560	9,380	3,004	418	5,908	50	29,087	27,481	1,606	85,224	23
45	33,384	----------	----------	----------	----------	7,250	1,720	430	3,556	1,544	15,119	13,685	1,434	82,104	24
17	11,713	----------	----------	----------	----------	3,225	2,268	518	439	----------	55,616	55,586	30	101,752	25
31	20,548	----------	----------	----------	----------	2,463	1,768	294	401	----------	47,228	46,901	327	89,224	26
30	20,104	6	2,028	2	302	6,402	480	47	5,875	----------	17,927	17,897	30	61,533	27
10	5,140	----------	----------	----------	----------	1,908	1,700	40	168	----------	4,008	3,830	178	19,205	28
308	168,745	14	3,418	8	1,454	250,679	8,395	10,084	232,151	49	1,143,233	1,097,840	45,393	1,799,656	29

sash, doors, and blinds, 1; mattresses and spring beds, 2; optical goods, 1; paper hanging, 1; pickles, preserves, and sauces, 1; plastering and stuccowork, 2; roofing and roofing materials, 2; sewing machine repairing, 1; shirts, 1; slaughtering and meat packing, wholesale, 1; wirework, including wire rope and cable, 1.

GALVESTON.

1,593	$881,024	333	$78,206	132	$22,597	$477,229	$66,753	$43,760	$348,329	$18,387	$2,618,996	$2,528,432	$90,564	$5,016,360	1
12	5,560	----------	----------	2	508	3,401	2,502	76	823	----------	11,505	11,478	27	28,708	2
9	4,282	----------	----------	6	1,191	1,934	1,553	74	307	----------	9,083	8,028	1,055	34,469	3
6	2,325	----------	----------	----------	----------	1,711	1,572	6	133	----------	5,137	5,127	10	15,803	4
68	30,416	7	2,180	14	3,021	11,952	6,700	707	4,545	----------	144,109	138,966	5,143	267,664	5
177	104,475	----------	----------	----------	----------	8,330	2,340	428	912	4,650	204,100	204,040	60	362,377	6
32	20,820	----------	----------	----------	----------	1,913	480	553	880	----------	20,166	19,497	669	59,090	7
55	32,871	5	1,400	----------	----------	7,625	6,103	96	1,276	150	41,501	41,124	377	113,526	8
5	3,225	49	10,580	1	208	1,270	360	470	440	----------	22,428	21,778	650	49,170	9
19	7,355	1	150	5	1,300	2,123	1,713	90	320	----------	35,886	35,016	870	61,865	10
6	2,140	----------	----------	1	200	659	564	10	85	----------	3,235	3,235	----------	11,095	11
82	41,628	----------	----------	----------	----------	50,601	8,000	8,377	23,037	11,187	12,211	5,950	6,261	141,893	12
69	34,131	----------	----------	----------	----------	40,551	1,100	5,556	33,895	----------	851,361	836,272	15,089	976,953	13
53	36,868	----------	----------	----------	----------	3,129	1,260	729	1,140	----------	44,222	41,999	2,223	111,160	14
1	480	----------	----------	----------	----------	651	507	50	94	----------	678	668	10	3,910	15
53	42,313	----------	----------	1	324	5,764	2,582	862	2,320	----------	63,549	63,064	485	138,205	16

TABLE 8.—MANUFACTURES IN CITIES

GALVESTON—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
17	Masonry, brick and stone	6	$14,890	$3,600	$2,600	$1,890	$6,800	8			46	$27,440
18	Millinery, custom work	4	33,310	10,000	7,000	810	15,500	3	1	$720	18	6,878
19	Mineral and soda waters	3	9,950	2,200	2,000	3,600	2,150	2	1	600	6	3,230
20	Painting, house, sign, etc	12	11,099			2,645	8,454	14			45	27,250
21	Photography	7	14,600	1,000	1,250	7,150	5,200	5			10	3,920
22	Plastering and stuccowork	7	703			458	245	8			13	9,281
23	Plumbing, and gas and steam fitting	10	41,270	600	1,500	4,095	35,075	12	5	5,472	38	20,714
24	Printing and publishing, book and job	7	48,725	350	400	29,360	18,615	10	7	6,810	36	16,510
25	Printing and publishing, newspapers and periodicals.	6	196,825	15,000	60,000	88,400	33,425	7	30	41,550	72	74,728
26	Roofing and roofing materials	6	72,961	27,100	6,456	6,060	33,345	5	6	5,920	37	18,800
27	Saddlery and harness	5	14,750			990	13,760	5			7	3,820
28	Tinsmithing, coppersmithing, and sheet-iron working.	15	15,832	2,250	800	6,292	6,490	17	2	2,070	29	13,160
29	Tobacco, cigars and cigarettes	3	6,130	2,000	2,075	280	1,775	4			3	1,075
30	Watch, clock, and jewelry repairing	10	22,935	7,800	5,000	6,866	3,269	13			10	8,455
31	All other industries[1]	38	3,541,799	469,343	679,857	1,361,711	1,030,888	28	56	71,516	949	356,615

[1] Embraces awnings, tents, and sails, 2; carpets, wood, 1; cars and general shop construction and repairs by steam railroad companies, 2; clothing, women's, dressmaking, 2; coffee and spice, roasting and grinding, 1; cordage and twine, 1; cotton, ginning, 1; cotton goods, 1; electrical construction and repairs, 2; fertilizers, 1; fireworks, 1; flavoring extracts, 1; food preparations, 1; furniture, cabinetmaking, repairing, and upholstering, 2; gas, illuminating and heating, 1;

HOUSTON.

1	All industries	509	$6,955,350	$721,695	$1,240,482	$2,370,966	$2,622,207	557	309	$339,990	4,588	$2,409,250
2	Bicycle and tricycle repairing	6	14,250	250	100	2,200	11,700	11			10	3,906
3	Blacksmithing and wheelwrighting	30	20,795	5,500	2,675	5,095	7,525	33			36	19,526
4	Boots and shoes, custom work and repairing.	19	17,070	500	560	5,035	10,975	22			17	8,823
5	Bread and other bakery products	14	48,840	5,400	5,300	7,970	30,170	15	2	1,450	43	25,510
6	Carpentering	92	138,937	17,665	8,935	26,400	35,937	106			471	317,830
7	Carriages and wagons	4	74,104	9,578	8,943	6,066	49,517	6	1	780	52	28,400
8	Cars and general shop construction and repairs by steam railroad companies.	3	828,073	55,400	136,453	218,882	417,338		52	67,011	1,286	763,181
9	Clothing, men's, custom work and repairing.	25	61,893	4,000	2,500	4,700	50,693	26	7	5,020	98	44,533
10	Clothing, women's, dressmaking	10	17,690	5,000	1,000	1,825	9,865	11			45	10,779
11	Confectionery	11	113,969	30,000	13,212	18,272	52,485	16	14	10,756	87	29,796
12	Cooperage	4	3,685			435	3,250	6			4	1,730
13	Cotton, compressing	3	554,411	100,000	138,000	300,642	15,769		20	18,284	111	30,528
14	Dyeing and cleaning	8	3,375			1,600	1,775	10			17	6,032
15	Electrical construction and repairs	4	18,575	2,000	2,300	2,075	12,200	5	2	510	33	17,469
16	Foundry and machine shop products	6	297,705	15,906	65,996	59,357	156,446	4	10	15,040	135	75,507
17	Furniture, cabinetmaking, repairing, and upholstering.	15	20,560	5,200	7,650	3,900	3,810	16			16	9,350
18	Ironwork, architectural and ornamental.	3	55,005	35,000	2,500	8,305	9,200	3			16	8,075
19	Lock and gun smithing	9	3,025			1,060	1,965	9			1	400
20	Looking-glass and picture frames	3	8,560			835	7,725	4			5	2,065
21	Lumber, planing mill products, including sash, doors, and blinds.	5	249,480	13,500	38,000	28,700	169,280	5	12	12,100	84	40,744
22	Masonry, brick and stone	27	66,655	12,975	6,845	9,000	37,835	30	3	3,000	198	94,364
23	Millinery, custom work	9	29,800	1,000	500	750	27,550	8	7	2,700	59	16,695
24	Mineral and soda waters	4	25,710		500	20,600	4,610	4			22	9,560
25	Oil, cottonseed and cake	4	1,159,632	43,050	277,605	554,750	284,227		28	37,165	339	100,571
26	Painting, house, sign, etc	32	20,660	1,000	175	3,685	15,800	38	1	350	90	63,248
27	Patent medicines and compounds	4	25,860			3,550	22,310	2	5	6,750	10	2,550
28	Paving and paving materials	3	16,550			6,750	9,800	4	1	900	83	35,310
29	Photography	7	6,455		300	3,800	2,355	7	1	480	6	3,336
30	Plumbing, and gas and steam fitting	8	63,124	1,250	1,350	5,190	55,334	8	12	9,300	61	44,275
31	Printing and publishing, book and job	16	153,783	7,600	3,350	91,366	51,467	20	14	9,860	103	53,781
32	Printing and publishing, newspapers and periodicals.	13	153,294	1,000	1,500	89,140	61,654	16	23	28,563	113	91,212
33	Saddlery and harness	7	34,850		700	3,350	30,800	6	2	1,140	19	10,848
34	Tinsmithing, coppersmithing, and sheet-iron working.	24	67,411	12,050	8,150	17,580	29,631	30	1	1,000	105	45,179
35	Tobacco, cigars and cigarettes	3	6,190			305	5,885	3			15	4,593
36	Watch, clock, and jewelry repairing	14	26,060	4,750	1,373	5,800	14,137	16			12	8,410
37	All other industries[1]	60	2,549,314	332,121	504,010	851,996	861,187	57	91	107,831	786	381,134

[1] Embraces artificial limbs, 1; awnings, tents, and sails, 2; boxes, wooden packing, 1; brick and tile, 2; bridges, 2; clothing, men's, factory product, 1; coffee and spice, roasting and grinding, 1; coffins, burial cases, and undertakers' goods, 1; combs, 1; cotton, ginning, 2; engraving, steel, including plate printing, 2; flouring and grist mill products, 2; food preparations, 2; furniture, factory product, 2; gas, illuminating and heating, 1; hairwork, 2; hand stamps, 2; hats and caps, not including fur hats and wool hats, 1; ice, manufactured, 1; jewelry, 2; liquors, malt, 2; lumber and timber products, 2; marble and stone work, 1; mattresses and spring

BY SPECIFIED INDUSTRIES: 1900—Continued.

GALVESTON—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
46	$27,440					$2,613	$300	$93	$220	$2,000	$132,565	$132,565		$179,820	17
		18	$6,878			3,274	2,410	519	345		20,730	20,730		41,700	18
6	3,230					1,293	162	187	944		3,022	3,012	$10	13,300	19
45	27,250					1,970	1,714	12	244		18,229	18,229		65,175	20
7	2,935	3	985			3,243	2,860	178	205		6,233	6,204	29	29,956	21
13	9,281					588	534		54		5,471	5,471		25,464	22
34	19,664			4	$1,050	3,796	2,446	465	885		38,665	38,261	404	81,162	23
29	15,318	3	580	4	612	3,954	2,700	207	1,047		8,189	7,475	714	44,225	24
66	73,748	1	170	5	810	26,351	1,788	1,930	22,633		44,259	41,591	2,668	211,318	25
34	18,256			3	544	3,835	492	485	2,758	100	43,920	43,665	255	84,787	26
7	3,820					1,478	1,048	5	425		10,717	10,717		22,878	27
24	12,354			5	806	2,948	2,328	163	457		20,897	20,475	422	54,145	28
3	1,075					1,258	108	125	1,025		2,565	2,565		6,835	29
9	8,335			1	120	2,620	1,825	272	523		3,078	2,993	85	23,220	30
623	289,429	246	55,283	80	11,903	276,394	8,702	21,035	246,357	300	791,285	738,237	53,048	1,756,487	31

hand stamps, 1; ice, manufactured, 2; jute and jute goods, 1; liquors, malt, 1; marble and stone work, 1; mattresses and spring beds, 2; monuments and tombstones, 1; paints, 1; paving and paving materials, 2; pickles, preserves, and sauces, 1; ship and boat building, wooden, 1; show cases, 1; stationery goods, not elsewhere specified, 1; trunks and valises, 1; wood, preserving, 1.

HOUSTON.

4,295	$2,336,096	230	$64,151	63	$9,003	$663,426	$81,950	$41,297	$529,472	$10,707	$5,792,571	$5,604,374	$188,197	$10,641,575	1
9	3,786			1	120	1,901	1,280	85	536		5,950	5,900	50	17,650	2
36	19,526					4,855	3,846	123	866		23,110	22,034	1,076	81,985	3
15	8,100	2	723			2,352	2,036	120	196		14,629	14,606	23	43,406	4
41	25,090	1	240	1	180	6,875	2,085	268	4,522		70,479	68,117	2,362	131,427	5
471	317,830					13,589	2,697	1,308	5,516	4,068	596,839	596,659	180	1,093,416	6
52	28,400					5,050	2,100	666	2,284		35,966	34,812	1,154	94,200	7
1,286	763,181					20,875		5,334	15,541		829,520	815,699	13,821	1,680,587	8
81	39,071	14	5,070	3	392	14,089	8,248	502	4,839	500	55,275	54,561	714	154,410	9
		45	10,779			2,767	1,591	210	466	500	5,825	5,790	35	30,695	10
47	21,782	34	7,100	5	914	5,199	2,451	851	1,897		92,338	90,266	2,072	188,636	11
4	1,730					1,053	358	16	679		6,200	6,200		13,525	12
103	29,528	3	500	5	500	22,552		3,648	18,904		12,203	7,178	5,025	129,343	13
10	4,376	7	1,656			2,887	1,724	11	1,052	100	1,428	970	458	18,185	14
33	17,469					1,776	796	115	865		12,769	12,565	204	42,200	15
135	75,507					9,336	1,964	1,111	6,261		196,129	194,094	2,035	319,543	16
15	8,930	1	420			1,626	1,182	142	302		7,197	7,112	85	32,180	17
16	8,075					1,255	135	700	420		28,935	28,035	900	54,000	18
1	400					1,362	1,246	20	96		3,080	3,060	20	9,345	19
5	2,065					1,063	640	141	282		2,652	2,652		7,435	20
84	40,744					8,753	987	1,690	6,076		151,797	151,497	300	256,980	21
198	94,364					4,677	504	298	3,875		250,228	249,578	650	419,199	22
1	1,500	56	14,935	2	260	4,570	3,306	104	1,160		31,666	31,366	300	70,650	23
22	9,560					1,745	1,206	67	472		17,783	17,545	238	38,166	24
339	100,571					65,183		5,236	59,947		1,345,750	1,297,615	48,135	1,755,549	25
90	63,248					3,167	1,960	74	1,133		74,118	74,118		205,471	26
4	1,310	4	1,000	2	240	9,914	1,250	107	8,557		17,874	17,424	450	49,379	27
83	35,310					2,867	90	50	2,727		93,572	92,572	1,000	156,370	28
5	3,136	1	200			2,611	1,866	100	570	75	3,871	3,871		20,400	29
60	44,125			1	150	6,872	2,820	757	2,795	500	88,022	87,537	485	164,555	30
85	49,852	10	2,490	8	1,439	15,143	6,814	1,071	4,070	3,188	48,815	46,165	2,650	157,059	31
107	89,306	3	1,540	3	366	59,232	4,583	790	52,099	1,760	46,681	43,367	3,314	277,230	32
19	10,848					4,481	3,744	115	622		21,777	21,732	45	52,164	33
102	44,767			3	412	4,954	2,948	263	1,743		86,396	85,240	1,156	177,682	34
9	3,643	4	650	2	300	2,094	342		1,752		5,720	5,720		15,650	35
12	8,410					3,333	2,348	188	781	16	9,342	9,212	130	39,806	36
715	360,556	45	16,848	26	3,730	343,388	12,803	15,016	315,569		1,498,635	1,399,505	99,130	2,643,097	37

beds, 2; monuments and tombstones, 1; oleomargarine, 1; optical goods, 2; paints, 1; pickles, preserves, and sauces, 2; plastering and stuccowork, 1; printing materials, 1; refrigerators, 1; roofing and roofing materials, 1; sewing machine repairing, 2; shirts, 1; show cases. 1; slaughtering and meat packing, wholesale, 1; soap and candles, 2; trunks and valises, 1; wirework, including wire rope and cable, 2; wood, preserving, 1.

TABLE 8.—MANUFACTURES IN CITIES

SAN ANTONIO.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	312	$4,252,197	$350,483	$766,378	$1,158,345	$1,976,991	295	209	$244,252	3,073	$1,755,008
2	Bicycle and tricycle repairing	4	3,775			875	2,900	1			5	2,602
3	Blacksmithing and wheelwrighting	50	55,696	29,375	9,240	7,162	9,919	54	1	840	43	25,702
4	Boots and shoes, custom work and repairing.	22	8,998		600	4,213	4,185	23			12	6,036
5	Bread and other bakery products	18	50,795	16,150	15,650	10,575	8,420	18	1	240	64	33,896
6	Brooms and brushes	3	7,350	1,400	1,400	1,050	3,500	3			4	2,316
7	Carpentering	3	9,325			1,175	8,150	3			32	17,472
8	Cars and general shop construction and repairs by steam railroad companies.	3	314,852	52,280	80,035	82,587	99,950		23	21,086	1,176	779,438
9	Clothing, men's, custom work and repairing.	25	32,146			2,315	29,831	26	2	1,820	62	36,054
10	Confectionery	7	87,870	8,500	9,000	18,220	52,150	5	29	23,600	168	81,060
11	Cotton, ginning	4	31,223	4,500	5,250	18,820	2,653	2	2	191	6	640
12	Dyeing and cleaning	7	3,935	370	300	2,135	1,130	8			11	5,000
13	Food preparations	3	12,410			10,320	2,090	3	1	720	8	4,196
14	Foundry and machine shop products	6	236,132	51,000	30,400	87,700	67,032	1	25	27,324	216	110,635
15	Furniture, cabinetmaking, repairing, and upholstering.	8	7,587	1,500	1,100	3,660	1,327	8			8	4,635
16	Liquors, malt	3	1,808,331	82,138	435,478	292,821	997,894	1	29	64,608	224	112,926
17	Lock and gun smithing	4	1,650			1,300	350	4				
18	Lumber, planing mill products, including sash, doors, and blinds.	3	15,200	1,700	3,500	6,900	3,100	5	1	900	19	11,682
19	Mattresses and spring beds	3	4,905	1,000	2,000	775	1,130	3			5	2,500
20	Millinery, custom work	8	15,824	1,500	500	649	13,175	7	3	3,040	19	5,304
21	Monuments and tombstones	6	57,740	9,000	2,000	7,262	39,478	7	1	300	53	26,633
22	Painting, house, sign, etc	6	3,290	1,500	800	190	800	6			14	7,616
23	Photography	11	16,805	200	925	11,350	4,330	13	1	468	6	3,149
24	Plumbing, and gas and steam fitting	5	45,475		5,000	1,975	38,500	8	2	1,680	57	31,801
25	Printing and publishing, book and job	11	123,757	200	500	67,681	55,376	10	11	13,390	191	107,548
26	Printing and publishing, newspapers and periodicals.	11	195,318	17,500	49,500	98,350	29,968	7	20	22,144	95	67,157
27	Saddlery and harness	10	329,390	3,000	2,000	10,490	313,900	12	1	450	120	64,826
28	Soap and candles	3	37,194	5,620	4,250	6,468	20,856	2	4	1,065	8	4,744
29	Tinsmithing, coppersmithing, and sheet-iron working.	11	18,900	1,500	1,000	7,250	9,150	13	1	900	55	33,864
30	Tobacco, cigars and cigarettes	5	10,075			625	9,450	5			22	8,831
31	Watch, clock, and jewelry repairing	13	10,160	1,500	950	3,250	4,460	11			9	6,960
32	All other industries[1]	36	696,089	59,050	105,000	390,202	141,837	26	51	59,486	361	149,785

[1] Embraces awnings, tents, and sails, 2; boot and shoe uppers, 1; boxes, fancy and paper, 1; brick and tile, 1; carriages and wagons, 2; clothing, men's, factory product, 2; clothing, women's, dressmaking, 2; coffee and spice, roasting and grinding, 1; cotton, compressing, 1; electrical construction and repairs, 1; electroplating, 1; engraving and diesinking, 2; flavoring extracts, 1; flouring and grist mill products, 2; furs, dressed, 2; gas, illuminating and heating, 1; ice,

WACO.

1	All industries	166	$2,096,741	$190,728	$356,956	$766,097	$782,960	164	106	$108,306	1,227	$469,129
2	Bicycle and tricycle repairing	3	5,450			2,050	3,400	2			3	1,400
3	Blacksmithing and wheelwrighting	15	17,047	400	2,200	4,269	10,178	19	1	240	30	13,095
4	Boots and shoes, custom work and repairing.	10	4,287			695	3,592	7			9	4,180
5	Bread and other bakery products	7	19,889	3,000	5,100	2,215	9,574	7			15	5,805
6	Clothing, men's, custom work and repairing.	15	24,360	500	1,500	2,143	20,217	16			46	23,130
7	Cotton, compressing	1	184,200	3,500	78,000	102,500	200		4	5,460	52	20,000
8	Dyeing and cleaning	3	2,305	400	1,000	375	530	3			1	575
9	Foundry and machine shop products	5	38,050	4,000	1,750	17,200	15,100	3	3	2,700	33	23,270
10	Millinery, custom work	5	14,857	2,200	3,800	400	8,457	2	2	1,095	20	6,552
11	Mineral and soda waters	4	42,065	1,000	4,000	18,283	18,782	1	5	4,140	25	8,173
12	Patent medicines and compounds	3	3,350			275	3,075	3			2	255
13	Photography	4	9,295			5,600	3,695	4			6	2,994
14	Plumbing, and gas and steam fitting	4	20,500			1,900	18,600	4	6	5,580	17	10,300
15	Printing and publishing, book and job	10	42,665			30,750	11,915	12			47	23,855
16	Printing and publishing, newspapers and periodicals.	12	41,260	100	400	20,950	19,810	12	11	10,216	54	36,945
17	Saddlery and harness	6	57,324	400	575	12,438	43,911	7	15	13,500	144	36,088
18	Tinsmithing, coppersmithing, and sheet-iron working.	4	5,525			2,650	2,875	5	1	840	10	5,400
19	Watch, clock, and jewelry repairing	3	7,030			3,355	3,675	10			5	2,800
20	All other industries[1]	45	1,557,282	175,228	258,631	538,049	585,374	47	58	64,535	708	244,312

[1] Embraces artificial limbs, 1; baking and yeast powders, 2; brick and tile, 2; brooms and brushes, 1; carpentering, 2; carriages and wagons, 1; cars and general shop construction and repairs by street railroad companies, 1; clothing, men's, factory product, 2; confectionery, 2; cooperage, 1; cotton, ginning, 1; flouring and grist mill products, 2; furniture, cabinetmaking, repairing, and upholstering, 2; furniture, factory product, 1; gas, illuminating and heating, 1; ice, manufactured, 2;

BY SPECIFIED INDUSTRIES: 1900—Continued.

SAN ANTONIO.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
2,781	$1,691,882	262	$58,881	30	$4,245	$654,339	$54,563	$33,691	$563,904	$2,181	$3,284,524	$3,176,847	$107,677	$6,821,797	1
5	2,602					649	426	18	205		1,106	1,078	28	5,500	2
39	25,186			4	516	4,516	3,088	840	588		23,001	20,887	2,114	101,655	3
12	6,036					3,358	3,014	149	195		12,202	12,132	70	34,616	4
56	32,476	4	1,060	4	360	2,563	955	353	1,255		94,011	90,104	3,907	174,328	5
3	2,100	1	216			236	25	54	157		8,800	8,770	30	14,460	6
31	17,192			1	280	335	60		275		37,770	37,770		67,550	7
1,176	779,438					8,044		5,431	2,613		687,986	683,865	4,121	1,496,554	8
58	35,276	3	658	1	120	7,080	5,668	192	1,220		39,030	38,586	444	111,038	9
87	60,060	81	21,000			8,987	2,980	751	5,256		233,143	229,167	3,976	374,650	10
6	640					1,450	338	423	689		1,629	1,368	261	7,139	11
6	3,540	5	1,460			1,708	1,356	18	334		3,696	3,220	476	18,222	12
6	3,600	2	596			1,131	744	25	362		17,098	16,278	820	27,650	13
213	110,083			3	552	9,162	1,795	3,379	3,988		133,452	123,648	9,804	331,215	14
8	4,635					817	528	109	55	125	7,360	7,060	300	20,260	15
224	112,926					456,089		9,598	446,491		204,168	161,712	42,456	925,936	16
						631	520	21	90		866	806	60	4,840	17
19	11,682					1,304	240	226	838		14,108	13,628	480	34,697	18
4	2,300	1	200			398	300	48	50		8,404	8,184	220	18,317	19
		18	5,144	1	160	4,296	3,036	114	1,146		17,329	17,329		39,381	20
50	26,153			3	480	1,962	414	347	1,201		37,689	36,869	820	113,025	21
13	7,466			1	150	415	240	43	132		5,157	5,157		20,017	22
4	2,640	2	509			3,389	2,784	316	289		6,537	6,537		28,280	23
57	31,801					5,858	2,580	230	3,048		68,687	68,265	422	132,000	24
144	95,333	42	11,688	5	527	8,665	4,266	816	3,583		90,116	88,719	1,397	290,900	25
93	66,265	1	780	1	112	46,753	3,000	1,188	41,365	1,200	31,799	29,022	2,777	201,391	26
119	64,706			1	120	6,875	3,576	852	2,447		337,321	336,831	490	469,110	27
8	4,744					2,037	600	220	1,217		29,143	28,708	435	45,592	28
54	33,782			1	82	2,705	2,060	164	481		51,944	51,230	714	115,545	29
5	4,113	15	4,196	2	522	6,620	882	74	5,664		11,953	11,743	210	34,395	30
9	6,960					1,737	1,467	120	150		3,825	3,825		21,425	31
272	138,147	87	11,374	2	264	54,569	7,621	7,572	38,520	856	1,065,194	1,034,349	30,845	1,542,109	32

manufactured, 2; jewelry, 1; lime and cement, 1; looking-glass and picture frames, 2; masonry, brick and stone, 1; oil, cottonseed and cake, 1; optical goods, 1; shirts, 1; slaughtering and meat packing, wholesale, 1; stencils and brands, 1; trunks and valises, 1.

WACO.

913	$407,243	256	$54,747	58	$7,139	$222,681	$35,163	$17,196	$160,213	$10,109	$1,477,642	$1,413,298	$64,344	$2,693,907	1
3	1,400					917	570	17	330		4,360	4,200	160	8,900	2
29	12,992			1	103	2,629	2,036	74	519		15,422	14,525	897	49,369	3
9	4,180					1,482	1,406	17	59		2,525	2,495	30	10,323	4
15	5,805					1,681	1,220	212	249		23,992	22,850	1,142	52,702	5
42	22,150	4	980			5,646	4,060	253	1,333		29,556	29,192	364	74,170	6
52	20,000					6,456	360	1,556	4,540		7,549	2,949	4,600	53,620	7
1	575					264	228	20	16		282	226	56	2,500	8
33	23,270					1,948	770	250	928		13,122	11,975	1,147	44,168	9
		19	6,452	1	100	3,100	1,060	185	1,855		23,924	23,874	50	46,885	10
25	8,173					18,265	1,580	296	16,389		23,653	22,567	1,086	77,433	11
1	180			1	75	1,961	192	3	1,766		1,392	1,382	10	5,145	12
6	2,994					1,816	1,320	140	356		4,049	4,010	39	13,700	13
17	10,300					3,345	2,028	188	1,129		29,821	29,732	89	57,500	14
35	20,800	10	2,830	2	225	4,887	2,704	234	869	1,080	17,354	16,465	889	59,208	15
49	36,315	2	280	3	350	13,535	1,671	160	2,825	8,879	12,037	10,712	1,325	92,501	16
105	30,163	24	4,000	15	1,925	36,453	5,675	1,835	28,943		295,849	295,329	520	427,431	17
10	5,400					879	684	48	147		9,652	9,487	165	21,810	18
5	2,800					1,773	1,532	22	219		1,185	1,137	48	13,357	19
476	199,746	197	40,205	35	4,361	115,644	6,067	11,686	97,741	150	961,918	910,191	51,727	1,583,185	20

lock and gun smithing, 1; looking-glass and picture frames, 1; lumber, planing mill products, including sash, doors, and blinds, 1; mattresses and spring beds, 2; monuments and tombstones, 2; oil, cottonseed and cake, 2; painting, house, sign, etc., 2; paints, 1; perfumery and cosmetics, 2; pickles, preserves, and sauces, 1; shirts, 1; show cases, 1; slaughtering and meat packing, wholesale, 1; tobacco, cigars and cigarettes, 1; vinegar and cider, 1; woolen goods, 1.

TABLE 9.—MANUFACTURES IN CITIES AND

	Cities and towns.	Number of establishments.	Capital.					Proprietors and firm members.	Salaried officials, clerks, etc.		Average number of wage-earners and total wages.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	Total for cities and towns	1,305	$19,825,109	$3,620,315	$3,395,383	$6,514,104	$6,295,307	1,349	636	$642,311	9,798	$4,599,092
2	Beaumont	51	3,113,766	1,157,034	187,088	432,308	1,337,336	48	58	83,788	954	439,078
3	Belton	53	309,003	21,550	65,425	159,228	62,800	58	9	6,693	189	74,462
4	Brownsville	36	96,905	6,680	15,544	42,382	32,299	37	9	2,007	63	17,646
5	Bryan	37	182,870	8,116	24,750	96,893	53,111	43	10	7,000	120	42,387
6	Calvert	29	150,778	5,550	9,100	123,303	12,825	24	4	3,500	101	25,208
7	Cleburne	75	459,325	31,740	78,035	241,823	107,727	75	41	42,423	807	406,011
8	Corpus Christi	39	75,770	6,760	7,790	27,493	33,727	40	3	2,520	80	32,210
9	Corsicana	118	929,030	37,600	88,231	417,848	385,351	139	53	42,731	508	262,292
10	Cuero	37	187,598	10,350	34,350	126,115	16,783	39	8	7,600	86	35,113
11	Denison	87	1,212,851	82,533	295,765	654,779	179,774	90	61	43,054	779	402,070
12	El Paso	136	4,550,604	245,366	1,327,431	1,853,863	1,123,944	140	86	118,450	2,171	1,036,517
13	Gainesville	76	733,711	60,636	192,099	284,985	195,991	77	33	31,960	338	146,758
14	Greenville	65	528,607	57,067	73,818	176,799	220,923	77	23	15,970	240	101,247
15	Hearne	11	149,918	4,450	35,656	95,319	14,493	10	8	6,268	101	27,489
16	Jefferson	21	395,904	116,268	112,050	88,826	78,760	14	27	20,820	335	94,367
17	Marlin	40	232,792	29,525	46,593	70,495	86,179	40	2	2,614	93	37,042
18	Marshall	46	892,316	41,276	166,975	276,908	407,157	45	28	28,555	638	383,315
19	Orange	18	3,321,868	1,500,224	161,715	328,822	1,331,107	16	31	41,495	764	356,005
20	Sherman	78	905,742	74,350	172,325	359,609	299,458	79	65	61,880	452	198,582
21	Taylor	72	184,735	20,425	46,445	79,935	37,930	68	10	11,840	207	92,958
22	Temple	74	700,369	55,675	171,325	361,025	112,344	88	31	32,546	328	158,882
23	Weatherford	83	309,550	22,640	44,095	152,552	90,263	79	22	13,017	173	72,671
24	Yoakum	23	201,097	24,500	38,778	62,794	75,025	23	14	15,580	271	156,782

TOWNS UNDER 20,000 IN POPULATION: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
9,275	$4,477,249	386	$103,493	137	$18,350	$1,230,063	$142,409	$97,905	$950,604	$39,145	$16,708,057	$16,016,549	$691,508	$26,954,031	1
943	434,503	8	4,090	3	485	71,167	7,385	15,273	48,269	240	1,184,094	1,173,935	10,159	2,014,501	2
168	71,747	20	2,625	1	90	16,963	3,061	3,011	9,491	1,400	279,922	269,699	10,223	467,504	3
58	17,290	------	------	5	356	3,478	685	883	1,379	531	58,292	55,817	2,475	108,680	4
110	40,320	6	1,510	4	557	18,160	3,165	1,087	8,908	5,000	142,811	138,549	4,262	306,362	5
100	24,996	1	212	------	------	14,718	1,917	993	11,808	------	236,767	226,878	9,889	527,005	6
785	399,880	16	5,373	6	758	22,573	6,945	2,838	9,015	3,775	593,060	576,421	16,639	1,202,797	7
67	30,205	7	1,405	6	600	5,541	1,747	453	3,341	------	73,157	70,021	3,136	165,589	8
453	248,483	40	11,701	15	2,108	54,812	17,035	4,894	29,383	3,500	1,362,281	1,318,111	44,170	2,147,116	9
76	32,996	10	2,117	------	------	9,080	3,105	1,575	4,250	150	118,191	109,916	8,275	224,709	10
725	392,129	44	9,191	10	750	49,287	11,859	5,665	31,763	------	468,848	442,965	25,883	1,017,613	11
2,107	1,018,937	54	16,096	10	1,484	523,095	29,738	10,094	483,263	------	6,371,489	6,010,486	361,003	8,846,045	12
312	140,209	22	6,055	4	494	55,399	7,095	6,899	41,330	75	807,208	779,712	27,496	1,251,291	13
226	97,838	12	3,253	2	156	47,440	9,587	3,737	32,046	2,070	299,069	287,039	12,030	603,050	14
101	27,489	------	------	------	------	23,797	398	1,391	22,008	------	152,652	142,067	10,585	252,218	15
324	91,771	6	1,250	5	1,346	16,006	886	2,169	11,888	1,063	292,638	246,224	46,414	498,462	16
87	35,020	5	1,902	1	120	13,063	2,832	1,635	8,596	------	182,550	176,881	5,669	330,570	17
612	377,995	16	4,185	10	1,135	51,300	5,085	7,325	37,890	1,000	674,750	655,329	19,421	1,283,847	18
756	353,851	2	714	6	1,440	50,055	1,354	10,782	37,919	------	924,243	922,681	1,562	1,666,203	19
336	173,409	81	20,302	35	4,871	87,946	9,599	6,720	69,797	1,830	1,175,693	1,148,901	26,792	1,721,280	20
200	89,993	7	2,965	------	------	21,862	4,425	1,181	6,625	9,631	206,917	200,784	6,133	429,955	21
304	152,781	20	5,585	4	516	36,403	7,510	5,191	23,402	300	569,580	549,373	20,207	908,726	22
158	69,149	9	2,962	6	560	29,177	4,779	2,316	13,502	8,580	368,467	359,173	9,294	609,415	23
267	156,258	------	------	4	524	8,741	2,217	1,793	4,731	------	165,378	155,587	9,791	371,093	24

UTAH.

Utah was organized as a territory in 1850, but until 1868 its area was much greater than that of the present state. The Ninth Census (1870) is, therefore, the first with which comparison can be made.

Table 1 shows the manufacturing and mechanical industries as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	1,400	531	640	533	148	14	163.7	[1]117.0	20.1	260.1	957.1
Capital	$14,650,948	$6,583,022	$2,656,657	$1,391,898	$443,356	$44,400	122.6	147.8	90.9	213.9	898.5
Salaried officials, clerks, etc., number	740	[2]631	(3)	(3)	(3)	(3)	17.3	------	------	------	------
Salaries	$566,165	[2]$524,540	(3)	(3)	(3)	(3)	7.9	------	------	------	------
Wage-earners, average number	6,615	4,349	2,495	1,534	389	51	52.1	74.3	62.6	294.3	662.7
Total wages	$3,388,370	$2,191,265	$858,863	$395,365	$231,701	$9,984	54.6	155.1	117.2	70.6	2220.7
Men, 16 years and over	5,579	3,657	2,042	1,465	380	51	52.6	79.1	39.4	285.5	645.1
Wages	$3,143,090	$2,041,314	(3)	(3)	(3)	$9,984	54.0	------	------	------	------
Women, 16 years and over	818	485	221	43	9	------	68.7	119.5	414.0	377.8	------
Wages	$207,852	$123,117	(3)	(3)	(3)	------	68.8	------	------	------	------
Children, under 16 years	218	207	232	26	------	------	5.3	[1]10.8	792.3	------	------
Wages	$37,428	$26,834	(3)	(3)	------	------	39.5	------	------	------	------
Miscellaneous expenses	$929,173	$455,968	(4)	(4)	(4)	(4)	103.8	------	------	------	------
Cost of materials used	$12,853,954	$4,252,030	$2,561,737	$1,238,252	$439,512	$337,381	202.3	66.0	106.9	181.7	30.3
Value of products, including custom work and repairing	$21,156,183	$8,911,047	$4,324,992	$2,343,019	$900,153	$291,220	137.4	106.0	84.6	160.3	209.1
Total population	[5]274,952	207,905	143,963	86,786	40,273	11,380	32.2	44.4	65.9	115.5	253.9
Wage-earners engaged in manufactures	6,615	4,349	2,495	1,534	389	51	52.1	74.3	62.6	294.3	662.7
Per cent of total population	2.4	2.1	1.7	1.8	1.0	0.4	------	------	------	------	------
Assessed value of real estate	[6]$104,970,253	$80,218,871	$14,779,344	$7,047,881	$286,504	$337,866	30.9	442.8	109.7	2360.0	[1]15.2
Value of land and buildings invested in manufactures[7]	$4,803,687	$2,119,986	(3)	(3)	(3)	(3)	126.6	------	------	------	------
Per cent of assessed value	4.6	2.6	------	------	------	------	------	------	------	------	------

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 6.)
[3] Not reported separately.
[4] Not reported.
[5] Exclusive of 1,797 Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[6] Total assessed valuation, real estate not separated, as given for the year 1900, in Dana's supplement, "State and City," to the Commercial and Financial Chronicle, under date of April 13, 1901.
[7] Does not include the value of rented property.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for institutions and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

In addition to the 1,669 active establishments in the state during the census year, with a capital of $15,043,958, shown in Table 2, there were 16 idle establishments, with a capital of $276,471. Of these, 2, with a capital of $30,300, were reported for the manufacture of brick and tile; 5, with a combined capital of $17,775, for the manufacture of flouring and grist mill products; 1, with a capital of $188,346, for lead smelting and refining; and 1, with a capital of $21,500, for the manufacture of lime and cement. The remaining idle capital, amounting to $18,550, was invested in comparatively small establishments reported for various industries.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	1,669	$15,043,958	1,817	6,666	$3,395,900	$934,001	$12,883,357	$7,778,802	$4,054,567	$1,049,988	$21,239,900
Hand trades[1]	614	918,939	717	1,074	537,989	154,311	950,836	16,283	885,375	49,178	2,333,716
Educational institutions	5	302,117	------	26	5,220	850	7,682	519	6,449	714	15,732
Establishments with a product of less than $500	264	90,893	287	25	2,310	3,978	21,721	898	20,599	224	67,985
All other establishments	786	13,732,009	813	5,541	2,850,381	774,862	11,903,118	7,761,102	3,142,144	999,872	18,822,467

[1] Includes bicycle and tricycle repairing, 21; blacksmithing and wheelwrighting, 187; boots and shoes, custom work and repairing, 80; carpentering, 43; clothing, men's, custom work and repairing, 62; clothing, women's, dressmaking, 28; dyeing and cleaning, 5; furniture, cabinetmaking, repairing, and upholstering, 9; lock and gun smithing, 7; masonry, brick and stone, 5; millinery, custom work, 52; painting, house, sign, etc., 29; paper hanging, 3; plastering and stuccowork, 3; plumbing, and gas and steam fitting, 27; sewing machine repairing, 4; taxidermy, 2; typewriter repairing, 1; watch, clock, and jewelry repairing, 46.

Of the 1,669 establishments of all classes, 878, or 52.6 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting chiefly of sums received for custom work and repairing, amounted to $2,401,701, or only 11.3 per cent of the total products for the state.

Table 1 shows a rapid increase in the manufacturing and mechanical industries of Utah, but, as previously explained, the statistics for 1850 and 1860 pertain to a greater area than that now covered by the state. The increase during the last decade is largely due to the inclusion as a manufacturing industry in 1900 of lead smelting and refining—which industry was included in the report on mineral industries in 1880 and 1890. The totals for 1870 included 1 establishment with a product valued at $75,000, engaged in milling quartz, an industry which has been excluded from the reports on manufactures since that time. The lead mined in the state during 1899 amounted to 13 per cent of the total production of the United States,[1] and the smelting and refining of this ore is the most important industry manufacturing for the outside market; but as only 2 establishments were reported for 1900, the statistics can not be shown separately without disclosing the operations of individual establishments, and are therefore grouped with "all other industries." The product of these smelters includes the precious metals as well as lead, the value of the silver largely exceeding the value of lead produced.

The highly concentrated brine of Great Salt Lake has made the manufacture of salt an important industry in the state, although the value of the product reported in 1900 was but $139,488, as compared with $144,300 in 1890.

Another leading industry was the manufacture of boots and shoes, with a product valued at $225,986. Among the lines of industrial activity dependent upon the agricultural and horticultural products of the state, are flour and grist milling, with a product valued at $1,829,840; the canning of fruits and vegetables, with a product valued at $300,349; the manufacture of beet sugar, with a product valued at $1,037,355; of malt liquors, with a product valued at $432,835; and of butter and cheese, with a product valued at $713,889.

Three other large industries show value of products as follows: Construction and repair shops of steam railroads, $1,306,591; foundry and machine shops, $217,392; and lumber and timber products, $214,187.

[1] Production of Lead in 1899, page 9. (Extract from Annual Report of the Geological Survey, 1899-1900, Part VI.)

URBAN MANUFACTURES.

Table 3 shows the totals for the manufacturing and mechanical industries of Salt Lake City as returned at the censuses of 1880, 1890, and 1900, with the percentages of increase.

TABLE 3.—COMPARATIVE SUMMARY, SALT LAKE CITY, 1880, 1890, AND 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.			PER CENT OF INCREASE.	
	1900	1890	1880	1890 to 1900	1880 to 1890
Number of establishments	432	175	166	146.9	5.4
Capital	$4,048,906	$3,354,035	$860,415	20.7	289.8
Wage-earners, average number	2,977	1,986	928	49.9	114.0
Total wages	$1,601,253	$1,205,454	$425,537	32.8	183.3
Miscellaneous expenses	$479,634	$291,255	(1)	64.7	-------
Cost of materials used	$2,743,674	$1,966,818	$812,736	39.5	142.0
Value of products, including custom work and repairing	$6,109,409	$4,624,419	$1,610,133	32.1	187.2

[1] Not reported.

It appears from Table 3 that there has been a considerable increase during the past decade in the manufactures of the city. The number of establishments increased from 175 to 432, or 146.9 per cent; the average number of wage-earners from 1,986 to 2,977, or 49.9 per cent; and the value of products from $4,624,419 to $6,109,409, or 32.1 per cent. There were 432 establishments in Salt Lake City in 1900, or 30.9 per cent of the entire number located within the state. These establishments had a combined capital amounting to $4,048,906, or 27.6 per cent of all the capital employed in the state. Of the wage-earners, 2,977, or 45 per cent of all in the state, were employed in Salt Lake City. The total amount of wages paid in the city amounted to $1,601,253, or 47.3 per cent of all wages paid in the state. The value of products, including custom work and repairing, during 1900 was $6,109,409, or 28.8 per cent of the total products of the state.

Table 4 combines the totals for the industries in Brigham, Lehi City, Logan, Ogden, Park City, Provo City, Salt Lake City, and Springville, and places them in comparison with the totals for the entire state and the state exclusive of these cities.

TABLE 4.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Total for state	1,400	$14,650,948	1,530	6,615	$3,388,370	$929,173	$12,855,954	$21,156,183
Total for urban manufactures	797	7,562,746	880	4,476	2,392,746	682,319	4,693,573	9,778,807
Brigham	33	104,944	36	74	27,709	4,650	98,892	172,101
Lehi City	16	1,267,570	20	73	103,804	53,680	368,847	721,981
Logan	63	279,952	76	181	62,081	14,453	218,491	375,055
Ogden	157	1,145,404	172	869	472,100	97,050	946,719	1,801,487
Park City	22	43,714	30	24	13,531	3,952	23,264	72,172
Provo City	57	515,496	66	264	105,408	23,931	216,444	431,126
Salt Lake City	432	4,048,906	462	2,977	1,601,253	479,634	2,743,674	6,109,409
Springville	17	156,760	18	14	6,860	4,969	77,242	95,482
Total for state exclusive of urban manufactures	603	7,088,202	650	2,139	995,624	246,854	8,160,381	11,377,376
Per cent of urban manufactures to total for state	56.9	51.6	57.5	67.7	70.6	73.4	36.5	46.2

Of the 1,400 establishments in the state, 797, or 56.9 per cent, are located in these 8 cities. The capital reported for these establishments is $7,562,746, or 51.6 per cent of that for the entire state. They furnished employment to 4,476 wage-earners, or 67.7 per cent of the total number, paid $2,392,746 in wages, or 70.6 per cent of the total amount, and the value of their products, $9,778,807, formed 46.2 per cent of the total for the state.

Table 5 shows the totals for the state by counties.

Table 6 shows the totals for the state by specified industries.

Table 7 shows the totals for Salt Lake City by specified industries.

Table 8 shows the totals for all industries in the cities withdrawn from the enumerators, exclusive of Salt Lake City, shown in Table 7.

TABLE 5.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	1,400	$14,650,948	$1,907,868	$2,895,819	$5,217,298	$4,629,963	1,530	740	$566,165	6,615	$3,388,370
2	Beaver	12	37,384	2,075	12,174	20,775	2,360	9	6	4,740	26	10,303
3	Boxelder	37	141,504	16,013	36,205	48,942	40,344	40	11	2,793	76	28,669
4	Cache	101	435,007	75,515	92,980	118,170	148,342	110	38	18,725	250	87,782
5	Carbon	8	79,482	1,800	10,265	63,733	3,684	7	11	10,525	93	68,234
6	Davis	35	143,551	7,470	31,910	45,736	58,435	35	20	7,664	114	44,385
7	Emery	13	48,028	1,045	16,055	23,175	7,753	14	2	840	11	4,190
8	Garfield[1]	16	39,482	2,555	6,660	24,557	5,710	19	3	1,500	34	9,645
9	Grand	4	3,020	570	925	1,075	450	5				
10	Iron	16	38,548	3,250	12,550	17,603	5,145	13			13	4,055
11	Juab	42	119,703	5,885	9,412	48,690	55,716	42	12	6,545	83	43,306
12	Kane	11	14,390	1,765	2,630	7,725	2,270	11	1	25	7	1,550
13	Millard	15	39,216	730	12,020	17,675	8,791	15	2	700	15	5,539
14	Morgan	13	22,781	3,590	4,975	9,005	5,211	16	2	230	6	2,325
15	Rich	6	22,345	1,280	11,715	2,950	6,400	8	1	200	9	4,400
16	Salt Lake	502	8,848,495	1,318,865	1,863,720	2,898,446	2,767,464	533	423	378,188	4,146	2,173,543
17	Sanpete	74	212,735	16,110	40,565	90,136	65,924	77	12	3,271	86	31,185
18	Sevier	50	105,107	9,680	18,605	55,370	21,452	60	2	1,000	50	16,660
19	Summit	33	92,650	10,535	18,822	27,870	35,423	43			54	21,916
20	Tooele	29	85,360	6,890	11,790	20,360	46,320	42	6	4,800	30	16,183
21	Uinta	25	55,720	3,935	6,780	35,035	9,970	28	2	720	37	14,555
22	Utah	156	2,139,715	167,635	308,745	906,309	757,026	183	50	42,062	439	260,030
23	Wasatch	12	40,146	7,850	9,286	20,050	2,960	11	11	3,300	22	7,483
24	Washington	9	68,394	2,735	25,800	24,375	15,484	7	8	2,542	13	4,640
25	Wayne	7	16,080	694	4,220	10,225	941	11			4	1,144
26	Weber	174	1,802,105	239,396	327,010	679,311	556,388	191	117	75,795	997	526,648

[1] Includes establishments distributed as follows: Piute, 1; San Juan, 1.

TABLE 6.—MANUFACTURES BY

1	All industries	1,400	$14,650,948	$1,907,868	$2,895,819	$5,217,298	$4,629,963	1,530	740	$566,165	6,615	$3,388,370
2	Awnings, tents, and sails	4	28,000			2,750	25,250	4			14	5,640
3	Bicycle and tricycle repairing	21	27,422	460	1,000	9,089	16,873	24	4	1,600	30	10,836
4	Blacksmithing and wheelwrighting	187	162,804	34,335	32,069	40,295	56,105	227	4	1,350	117	58,022
5	Boots and shoes, custom work and repairing.	80	52,664	9,515	13,125	12,130	17,894	83			39	16,028
6	Boots and shoes, factory product	3	124,267	4,750	33,036	21,743	64,738	2	17	17,432	140	52,558
7	Bread and other bakery products	29	209,862	38,750	41,025	83,138	46,949	30	20	10,481	107	46,041
8	Brick and tile	49	171,357	16,778	43,661	61,530	49,388	77	11	6,705	249	89,245
9	Carpentering	43	220,588	37,505	41,085	28,840	113,158	58	18	13,314	209	112,968
10	Carpets, rag	3	270	20	50	160	40	3				
11	Carriages and wagons	5	36,674	2,500	12,300	3,650	18,224	5	8	1,250	38	17,213
12	Cars and general shop construction and repairs by steam railroad companies.	10	496,149	141,200	115,450	147,412	92,087		46	49,389	908	636,076
13	Cheese, butter, and condensed milk, factory product.	57	269,247	11,351	80,861	113,007	64,028	39	54	15,976	159	63,135
14	Clothing, men's, custom work and repairing.	62	134,445	5,625	9,650	9,996	109,174	67	7	5,100	213	122,808
15	Clothing, women's, dressmaking	28	9,115	30	150	4,405	4,530	28	1	1,800	102	25,106
16	Confectionery	24	154,563	2,600	2,200	36,652	113,111	28	49	27,125	163	57,357
17	Dyeing and cleaning	5	965			520	445	7			7	2,166
18	Electrical construction and repairs	6	28,328			1,058	27,270	6	5	4,000	25	13,035
19	Flouring and grist mill products	80	1,101,885	141,395	244,900	450,228	265,362	59	50	32,820	167	82,979
20	Foundry and machine shop products	15	210,394	41,800	41,835	73,258	53,501	21	7	9,912	153	91,976
21	Fruits and vegetables, canning and preserving.	8	304,258	33,645	66,173	57,707	146,733	8	20	8,068	141	37,565
22	Furniture, cabinetmaking, repairing, and upholstering.	9	8,015	2,050	1,550	915	3,500	13	2	325	8	4,076
23	Furniture, factory product	3	8,830	960	2,200	1,400	4,270	1	1	330	34	17,809
24	Hand stamps	3	5,400			2,750	2,650	4			4	1,800
25	Hosiery and knit goods	5	52,550	4,500	3,000	11,800	33,250	4	13	5,260	91	21,599
26	Leather, tanned, curried, and finished	4	8,625	425	2,900	2,100	3,200	1			3	1,500
27	Lime and cement	8	188,150	5,450	14,175	84,410	84,115	5	11	13,300	99	41,474
28	Liquors, malt	7	613,992	154,374	98,999	118,341	242,278	4	22	21,178	89	53,751
29	Lock and gun smithing	7	14,775	5,000	2,000	4,275	3,500	6	2	3,300	6	4,015
30	Looking-glass and picture frames	8	41,950	4,600	2,400	4,775	30,175	11	36	12,000	34	17,680
31	Lumber and timber products	81	182,780	51,827	10,330	93,017	27,606	106	7	1,850	140	43,504
32	Lumber, planing mill products, including sash, doors, and blinds.	28	199,543	15,905	26,100	62,520	95,018	32	16	9,300	114	63,617
33	Marble and stone work	3	6,680	230	100	5,150	1,200	4			7	5,150
34	Masonry, brick and stone	5	3,655	250	250	605	2,550	5			10	5,615
35	Mattresses and spring beds	4	31,094	300	2,300	11,123	17,371	4	4	4,650	33	11,981
36	Millinery, custom work	52	86,791	6,425	16,475	4,916	58,975	57	27	5,984	64	22,859

BY COUNTIES: 1900.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
5,579	$3,143,090	818	$207,852	218	$37,428	$929,173	$163,237	$87,727	$605,730	$72,479	$12,853,954	$12,179,560	$674,394	$21,156,183	1
17	6,642	9	2,661			981	85	449	447		46,376	45,089	1,287	70,741	2
63	26,735	9	1,466	4	468	5,892	629	761	4,502		112,282	110,513	1,769	192,432	3
166	73,288	70	12,985	14	1,509	21,795	4,760	4,345	11,632	1,058	439,117	431,444	7,673	676,370	4
92	68,134	1	100			5,940	150	251	5,539		70,384	68,702	1,682	199,128	5
97	40,920	15	3,061	2	404	6,299	861	718	4,720		159,852	151,240	8,612	251,217	6
11	4,190					623		338	285		37,442	37,040	402	61,171	7
29	8,970	4	475	1	200	460	66	319	75		32,682	32,562	120	56,214	8
						147	48	31	68		1,691	1,616	75	4,898	9
11	3,830			2	225	1,130	206	464	460		18,149	17,744	405	31,610	10
78	42,311	3	755	2	240	8,880	3,927	1,008	3,945		93,519	91,287	2,232	216,701	11
7	1,550					493	69	128	296		9,501	9,368	133	16,551	12
14	5,498	1	41			582	44	331	207		35,669	35,231	438	57,161	13
6	2,325					640	98	179	363		20,139	19,750	389	33,110	14
9	4,400					374		374			19,642	19,422	220	35,314	15
3,545	2,018,145	493	135,143	108	20,255	631,655	112,790	45,570	407,901	65,394	8,890,845	8,340,846	549,999	14,212,689	16
80	30,312	3	393	3	480	8,690	3,215	1,585	3,585	305	226,163	222,699	3,464	337,958	17
45	16,115	2	305	3	240	3,711	680	962	2,069		102,274	100,441	1,833	168,576	18
50	20,836	2	754	2	326	4,689	1,748	821	2,110	10	63,677	62,439	1,238	129,467	19
28	15,863	1	270	1	50	7,152	2,307	412	2,558	1,875	60,576	58,621	1,955	111,910	20
32	13,572	2	715	3	268	1,991	874	488	629		60,643	59,238	1,405	101,611	21
333	229,808	72	22,965	34	7,257	91,427	11,144	11,078	69,129	76	929,763	871,483	58,280	1,654,817	22
18	6,735	2	436	2	312	756	114	382	260		44,924	44,377	547	68,775	23
10	4,056	2	484	1	100	1,180	48	339	793		27,145	25,692	1,453	39,148	24
4	1,144					773		173	600		12,760	12,670	90	17,435	25
834	496,711	127	24,843	36	5,094	122,913	19,374	16,221	83,557	3,761	1,338,739	1,310,046	28,693	2,421,679	26

SPECIFIED INDUSTRIES: 1900.

5,579	$3,143,090	818	$207,852	218	$37,428	$929,173	$163,237	$87,727	$605,730	$72,479	$12,853,954	$12,179,560	$674,394	$21,156,183	1
6	3,460	7	2,080	1	100	2,697	1,774	139	784		39,640	39,600	40	57,301	2
23	9,800			7	1,036	5,047	3,061	166	1,695	125	21,648	21,150	498	52,801	3
112	57,087			5	935	12,992	7,359	1,586	4,047		101,175	93,677	7,498	344,365	4
34	15,338	4	612	1	78	4,785	3,532	511	742		38,331	37,412	919	104,540	5
98	43,275	40	8,530	2	753	5,017		1,077	3,940		156,046	152,772	3,274	225,986	6
66	35,169	37	10,246	4	626	21,184	7,682	1,523	11,979		142,149	136,188	5,961	291,313	7
228	85,550			21	3,695	9,932	488	825	8,589	30	32,666	5,311	27,355	186,449	8
208	112,753			1	215	37,365	2,002	1,845	6,468	27,050	216,346	215,266	1,080	447,543	9
						111	108	1	2		907	897	10	2,268	10
36	16,980	1	155	1	78	2,331	1,050	309	972		26,317	25,588	729	63,978	11
907	635,776	1	300			16,219		10,815	5,404		604,907	588,820	16,087	1,306,591	12
152	61,963	7	1,172			13,788	3,544	1,628	8,060	556	550,096	541,210	8,886	713,889	13
172	110,349	39	12,126	2	333	26,427	14,348	1,358	9,815	906	131,446	129,129	2,317	397,232	14
		102	25,106			5,785	3,413	7	2,365		38,208	37,858	350	94,822	15
58	29,198	101	27,312	4	847	25,903	12,811	754	12,338		224,307	219,833	4,474	440,044	16
5	1,786	2	380			1,381	1,068	75	238		1,473	1,229	244	9,840	17
25	13,035					3,551	2,142	236	1,173		37,966	37,926	40	71,694	18
166	82,666			1	313	58,425	7,156	9,660	40,359	1,250	1,401,819	1,392,036	9,783	1,829,840	19
152	91,832			1	144	4,719	1,062	1,414	2,243		63,749	54,646	9,103	217,392	20
62	26,037	73	10,172	5	1,356	6,024	58	488	5,478		211,279	207,252	4,027	300,349	21
8	4,076					963	548	87	328		3,108	3,058	50	13,839	22
30	16,777	4	1,032			3,364	1,520	103	1,741		17,315	17,105	210	42,732	23
4	1,800					854	372	42	440		3,836	3,652	184	11,680	24
15	8,800	72	12,574	4	225	4,577	2,107	325	2,145		24,184	24,004	180	66,357	25
3	1,500					215	1	64	150		3,482	3,417	65	5,863	26
98	41,234			1	240	23,135	1,350	508	17,027	4,250	62,453	44,002	18,451	173,512	27
83	52,591			6	1,160	123,838	60	6,369	116,559	850	120,995	108,988	12,007	432,835	28
5	3,815			1	200	1,547	912	183	452		4,781	4,201	580	18,360	29
28	16,200	6	1,480			5,302	2,220	477	2,605		44,710	44,515	195	99,166	30
130	42,381	5	635	5	488	2,193	44	1,066	1,083		102,932	102,932		214,187	31
113	63,806			1	311	29,676	1,080	1,837	5,759	21,000	116,278	113,285	2,993	252,187	32
7	5,150					219	27	22	170		2,883	2,701	182	13,725	33
10	5,615					4,100			100	4,000	11,790	11,790		24,840	34
28	10,331	5	1,650			2,293	1,200	127	966		45,505	44,635	870	75,328	35
		64	22,859			14,927	10,796	902	3,229		125,873	124,987	886	214,007	36

TABLE 6.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
37	Mineral and soda waters	8	$108,838	$7,850	$7,000	$37,734	$56,254	7	16	$16,040	67	$25,160
38	Monuments and tombstones	15	41,929	8,100	1,866	6,230	25,733	18	6	2,880	37	21,185
39	Painting, house, sign, etc	29	33,279	175	785	6,900	25,419	40	4	1,365	103	59,307
40	Paper hanging	3	7,700			350	7,350	4	3	1,420	7	5,487
41	Patent medicines and compounds	5	5,135	200	850	1,110	3,475	3	1	500	5	2,102
42	Photography	31	50,752	8,205	6,950	19,002	16,595	34	2	1,800	35	15,708
43	Plastering and stuccowork	3	2,875			525	2,350	4			2	1,600
44	Plumbing, and gas and steam fitting	27	74,078	800	600	10,693	61,985	40	5	4,260	106	57,555
45	Pottery, terra cotta, and fire-clay products.	7	38,050	8,100	10,500	11,800	7,650	8	2	2,000	36	10,906
46	Printing and publishing, book and job	18	143,593			96,655	46,938	25	17	15,122	117	52,389
47	Printing and publishing, newspapers and periodicals.	52	679,281	52,850	63,445	260,144	302,842	63	78	67,769	431	235,174
48	Roofing and roofing materials	3	3,500	750		975	1,775	3			11	5,536
49	Saddlery and harness	55	236,911	31,600	41,031	14,670	149,610	71	14	8,052	114	54,988
50	Salt	5	646,850	540,010	23,740	25,011	58,089	4	8	10,580	59	23,702
51	Sewing machine repairing	4	4,150			1,800	2,350	3			4	1,956
52	Slaughtering and meat packing, wholesale.	5	83,902	22,369	7,000	10,772	43,761	10	6	2,472	34	14,978
53	Slaughtering, wholesale, not including meat packing.	3	33,125	4,600	9,000	4,525	15,000	4			8	3,675
54	Sugar and molasses, beet	3	1,789,370	77,100	253,500	978,770	480,000		21	29,560	107	128,800
55	Tinsmithing, coppersmithing, and sheet-iron working.	38	122,128	28,835	33,610	16,635	43,048	42	5	3,694	81	43,183
56	Tobacco, cigars and cigarettes	15	46,123	2,000	2,100	890	41,133	17			68	38,499
57	Trunks and valises	3	21,200	1,000		600	19,600	3	3	1,416	9	3,450
58	Watch, clock, and jewelry repairing	46	43,843	4,600	3,900	15,900	19,443	48	4	516	23	17,813
59	Woolen goods	6	454,981	32,620	91,630	96,905	233,826		14	10,050	194	69,681
60	All other industries[1]	60	4,783,268	301,549	1,377,463	2,033,037	1,071,219	46	69	102,870	1,240	638,352

[1] Embraces agricultural implements, 2; baking and yeast powders, 1; baskets, and rattan and willow ware, 1; bookbinding and blank book making, 2; bottling, 1; boxes, cigar, 1; boxes, fancy and paper, 1; brooms and brushes, 2; cars and general shop construction and repairs by street railroad companies, 2; charcoal, 1; china decorating, 1; clothing, men's, factory product, 1; coffins, burial cases, and undertakers' goods, 1; coke, 1; copper, smelting and refining, 2; engraving, steel, including plate printing, 1; flavoring extracts, 2; fur goods, 1; furnishing goods, men's, 1; gas, illuminating and heating, 2; gloves and mittens, 1; hairwork, 1;

TABLE 7.—MANUFACTURES IN SALT LAKE CITY

1	All industries	432	$4,048,906	$524,428	$480,269	$1,331,872	$1,712,337	462	364	$282,418	2,977	$1,601,253
2	Awnings, tents, and sails	3	26,750			2,500	24,250	3			13	5,160
3	Bicycle and tricycle repairing	10	15,400		500	5,250	9,650	10	2	1,120	19	7,478
4	Blacksmithing and wheelwrighting	33	38,687	13,900	5,925	7,390	11,472	46			44	22,973
5	Boots and shoes, custom work and repairing.	25	6,414	500	300	2,685	2,929	26			11	5,344
6	Boots and shoes, factory product	3	124,267	4,750	33,036	21,743	64,738	2	17	17,432	140	52,558
7	Bread and other bakery products	16	174,092	27,000	36,500	74,263	36,329	15	14	9,333	77	34,462
8	Carpentering	9	143,777	25,000	29,700	15,670	73,407	8	8	8,268	92	49,798
9	Carriages and wagons	4	32,474	2,000	11,300	3,250	15,924	4	1	250	33	14,813
10	Cars and general shop construction and repairs by steam railroad companies.	3	208,910	87,000	40,250	49,164	32,496		25	26,071	521	354,656
11	Clothing, men's, custom work and repairing.	36	96,760	2,600	1,000	6,736	86,424	41	7	5,100	165	98,814
12	Clothing, women's, dressmaking	22	6,860			3,940	2,920	22	1	1,800	84	21,823
13	Confectionery	12	119,765	1,000	400	25,345	93,020	12	40	18,695	117	39,257
14	Dyeing and cleaning	4	815			420	395	5			6	2,086
15	Electrical construction and repairs	4	25,893			823	25,070	3	5	4,000	23	11,415
16	Foundry and machine shop products	9	178,719	39,800	37,910	54,608	46,401	12	7	9,912	127	81,322
17	Furniture, cabinetmaking, repairing, and upholstering.	4	2,640	1,300	700	290	350	5			2	1,750
18	Furniture, factory product	3	8,830	960	2,200	1,400	4,270	1	1	330	34	17,809
19	Hand stamps	3	5,400			2,750	2,650	4			4	1,800
20	Lime and cement	3	148,700		7,000	68,100	73,600	1	10	12,700	84	36,974
21	Liquors, malt	4	551,743	150,874	86,300	104,791	209,778	2	17	16,458	73	44,987
22	Lock and gun smithing	6	3,175			1,875	1,300	6			8	1,315
23	Looking-glass and picture frames	5	37,800	4,000	2,000	4,200	27,600	8	36	12,000	33	17,280
24	Lumber, planing mill products, including sash, doors, and blinds.	3	33,600	2,500	3,600	10,500	17,000	1	6	4,650	28	21,366
25	Millinery, custom work	9	26,325		1,500	825	24,000	9	13	3,227	35	13,463
26	Mineral and soda waters	4	80,488	2,500	3,500	25,934	48,554	1	13	15,340	60	21,990
27	Monuments and tombstones	3	23,350	7,200	50	600	15,500	2	4	2,700	17	13,705
28	Painting, house, sign, etc	19	28,594		500	5,425	22,669	25	4	1,365	85	49,860
29	Patent medicines and compounds	3	3,785			1,010	2,775	1	1	500	4	1,920
30	Photography	11	24,227	2,000	3,200	7,977	11,050	13	2	1,800	21	9,604
31	Plastering and stuccowork	3	2,875			525	2,350	4			2	1,600

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
54	$21,330	5	$1,500	8	$2,330	$10,037	$1,390	$808	$7,839		$69,389	$68,608	$781	$148,899	37
36	20,960			1	225	3,080	936	461	1,653	$30	49,682	49,404	278	96,086	38
97	58,153			6	1,154	9,212	3,609	183	5,320	100	57,342	57,155	187	168,575	39
7	5,487					846	710	78	58		9,543	9,438	105	24,094	40
4	1,920	1	182			1,071	540	149	382		3,465	3,380	85	10,070	41
25	13,116	9	2,442	1	150	7,361	4,189	579	2,593		24,195	23,701	494	82,965	42
2	1,600					576	156	8	112	300	1,671	1,671		6,300	43
97	56,072	1	255	8	1,228	12,294	5,542	393	4,499	1,860	146,458	145,103	1,355	274,740	44
35	10,750			1	156	1,214	590	467	157		6,196	3,792	2,404	28,600	45
94	47,619	13	3,308	10	1,462	15,191	5,938	976	7,259	1,018	65,038	61,975	3,063	177,286	46
344	216,994	52	14,496	35	3,684	92,129	11,147	3,068	71,270	6,644	138,290	130,371	7,919	593,562	47
11	5,536					389	12	20	357		9,962	9,940	22	21,018	48
109	54,124	1	260	4	604	11,208	4,547	1,919	4,242	500	156,355	155,474	881	284,805	49
58	23,537	1	165			24,065	4,275	402	19,388		31,759	27,635	4,124	139,488	50
3	1,800			1	156	1,791	1,370	101	320		2,610	2,569	41	11,000	51
34	14,978					5,075	1,800	611	2,664		291,477	289,957	1,520	343,444	52
8	3,675					865	150	200	515		93,876	93,586	290	110,012	53
107	128,800					74,170		8,694	63,776	1,700	561,003	518,268	42,735	1,037,355	54
74	41,143			7	2,040	8,916	3,881	1,550	3,275	210	102,385	100,949	1,436	216,073	55
54	35,100	7	2,580	7	819	13,479	2,758	411	10,310		49,928	49,704	224	124,487	56
5	2,650			4	800	1,789	480	159	1,150		5,600	5,580	20	16,785	57
21	17,713			2	100	10,108	6,932	630	2,446	100	16,471	15,791	680	76,779	58
100	43,217	65	20,786	29	5,678	17,354		2,463	14,891		121,828	115,063	6,765	222,343	59
1,128	611,186	93	23,457	19	3,709	126,067	7,390	16,868	101,809		6,108,831	5,649,374	459,457	8,124,562	60

ice, manufactured, 1; ironwork, architectural and ornamental, 1; jewelry, 1; lead, bar, pipe, and sheet, 1; lead, smelting and refining, 2; oil, not elsewhere specified, 1; optical goods, 1; pickles, preserves, and sauces, 1; rubber and elastic goods, 1; scales and balances, 1; shirts, 1; show cases, 2; silk and silk goods, 2; soap and candles, 2; taxidermy, 2; typewriter repairing, 1; vinegar and cider, 2; whips, 2; wirework, including wire rope and cable, 2; wood, turned and carved, 2; wool pulling, 2.

BY SPECIFIED INDUSTRIES: 1900.

2,404	$1,452,935	485	$132,679	88	$15,639	$479,634	$107,785	$32,588	$291,397	$47,864	$2,743,674	$2,662,250	$81,424	$6,109,409	1
5	2,980	7	2,080	1	100	2,644	1,744	116	784		38,125	38,100	25	53,598	2
15	6,818			4	660	3,432	2,232	108	967	125	12,325	12,042	283	29,479	3
42	22,683			2	290	5,267	3,668	264	1,335		23,339	21,786	1,553	97,921	4
11	5,344					1,913	1,703	61	149		9,394	9,094	300	32,351	5
98	43,275	40	8,530	2	753	5,017		1,077	3,940		156,046	152,772	3,274	225,986	6
44	25,380	31	8,781	2	301	15,911	4,874	1,280	9,757		101,055	97,416	3,639	212,951	7
91	49,583			1	215	32,208	1,220	1,329	4,709	24,950	109,829	109,237	592	219,737	8
31	14,580	1	155	1	78	2,201	1,050	259	892		19,472	18,803	669	50,053	9
520	354,356	1	300			5,310		5,230	80		347,810	341,226	6,584	733,847	10
130	87,324	83	11,157	2	333	21,077	11,496	1,061	8,395	125	99,699	98,260	1,439	312,288	11
		84	21,823			5,173	2,875	4	2,294		33,545	33,270	275	82,459	12
38	19,196	75	19,214	1	847	17,767	10,641	411	6,715		166,050	162,482	3,568	321,962	13
5	1,786	1	300			1,243	1,008	75	160		893	698	195	6,805	14
23	11,415					3,217	1,926	218	1,073		32,871	32,846	25	62,769	15
127	81,322					2,921	732	1,042	1,147		51,920	46,274	5,646	180,587	16
2	1,750					435	240	25	170		900	900		6,200	17
30	16,777	4	1,032			3,364	1,520	103	1,741		17,315	17,105	210	42,732	18
4	1,800					854	372	42	440		3,836	3,652	184	11,680	19
83	36,734			1	240	21,790	1,200	225	16,115	4,250	55,490	40,440	15,050	148,320	20
69	44,187			4	800	102,560		4,684	97,026	850	110,391	98,919	11,472	386,143	21
2	1,115			1	200	1,187	912	23	252		2,376	2,151	225	8,460	22
27	15,800	6	1,480			4,907	1,920	453	2,534		43,075	42,905	170	93,700	23
28	21,366					6,573	840	340	1,893	3,500	26,200	25,670	530	63,615	24
		35	13,463			7,972	5,940	364	1,668		60,592	60,395	197	106,880	25
49	19,390	5	1,500	6	1,100	9,347	1,330	562	7,455		61,593	60,873	720	132,699	26
16	13,480			1	225	1,614	620	219	775		25,055	24,950	105	51,500	27
80	48,856			5	1,004	8,469	3,117	137	5,115	100	44,240	44,120	120	133,994	28
4	1,920					868	480	111	277		2,125	2,100	25	7,473	29
16	8,246	5	1,358			4,543	2,770	366	1,407		12,612	12,492	120	46,176	30
2	1,600					576	156	8	112	300	1,671	1,671		6,300	31

TABLE 7.—MANUFACTURES IN SALT LAKE CITY

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
32	Plumbing, and gas and steam fitting	20	$63,648	$800	$100	$9,188	$53,560	31	5	$4,260	87	$47,176
33	Printing and publishing, book and job	10	117,273	----------	----------	78,855	38,418	13	16	14,082	96	44,689
34	Printing and publishing, newspapers and periodicals.	16	515,694	45,500	52,345	152,529	265,320	16	55	50,849	313	186,192
35	Roofing and roofing materials	3	3,500	750	----------	975	1,775	3	----------	----------	11	5,536
36	Saddlery and harness	9	58,035	----------	6,000	3,570	48,465	13	9	5,850	49	25,136
37	Sewing machine repairing	3	2,150	----------	----------	800	1,350	2	----------	----------	4	1,956
38	Tinsmithing, coppersmithing, and sheet-iron working.	12	80,853	23,000	25,700	7,500	24,653	14	4	3,094	56	33,561
39	Tobacco, cigars and cigarettes	8	28,828	1,000	600	405	26,823	9	----------	----------	47	28,983
40	Trunks and valises	3	21,200	1,000	----------	600	19,600	3	3	1,416	9	3,450
41	Watch, clock, and jewelry repairing	21	21,615	2,250	1,750	8,175	9,440	22	2	341	16	12,818
42	All other industries[1]	51	954,995	75,244	86,403	559,286	234,062	44	36	29,475	332	154,374

[1] Embraces baking and yeast powders, 1; bookbinding and blank book making, 2; bottling, 1; boxes, cigar, 1; boxes, fancy and paper, 1; cars and general shop construction and repairs by street railroad companies, 2; cheese, butter, and condensed milk, factory product, 1; china decorating, 1; clothing, men's, factory product, 1; coffins, burial cases, and undertakers' goods, 1; engraving, steel, including plate printing, 1; flavoring extracts, 2; flouring and grist mill products, 2; fur goods, 1; furnishing goods, men's, 1; gas, illuminating and heating, 1; hosiery and knit goods, 2; ice, manufactured, 1; ironwork, architectural and

TABLE 8.—MANUFACTURES IN CITIES

1	Total for cities	365	$3,513,840	$409,623	$539,428	$1,303,367	$1,261,422	418	150	$107,595	1,499	$791,493
2	Brigham	33	104,944	14,663	28,805	25,142	36,334	36	10	2,283	74	27,709
3	Lehi City	16	1,267,570	69,375	155,095	613,460	429,640	20	10	19,660	73	103,804
4	Logan	63	279,952	62,125	46,400	58,830	112,597	76	25	13,430	181	62,081
5	Ogden	157	1,145,404	201,685	189,398	372,663	381,658	172	82	58,360	859	472,100
6	Park City	22	43,714	6,500	10,250	9,567	17,397	30	----------	----------	24	13,531
7	Provo City	57	515,496	47,275	82,230	109,010	276,981	66	22	13,637	264	105,408
8	Springville	17	156,760	8,000	27,250	114,695	6,815	18	1	225	14	6,860

BY SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
80	$45,953	1	$255	6	$968	$11,040	$4,794	$330	$4,056	$1,860	$127,253	$125,953	$1,300	$239,775	32
79	41,107	9	2,370	8	1,212	13,082	4,808	820	6,436	1,018	52,795	50,119	2,676	144,644	33
266	173,667	36	11,294	11	1,231	80,829	6,910	2,350	65,093	6,476	105,961	99,807	6,154	437,853	34
11	5,536	------	------	------	------	389	12	20	357	------	9,962	9,940	22	21,018	35
47	24,720	1	260	1	156	5,163	3,022	676	1,465	------	71,452	71,302	150	122,393	36
3	1,800	------	------	1	156	1,715	1,310	95	310	------	2,312	2,292	20	9,500	37
51	31,577	------	------	5	1,984	5,986	2,848	1,052	1,876	210	72,418	71,789	629	154,625	38
36	26,803	5	1,500	6	680	9,977	1,884	304	7,789	------	38,602	38,527	75	93,895	39
5	2,650	------	------	4	800	1,789	480	159	1,150	------	5,600	5,580	20	16,785	40
14	12,718	------	------	2	100	5,933	3,786	341	1,706	100	8,179	7,932	247	45,644	41
220	127,341	105	25,827	7	1,206	43,371	11,345	6,244	21,782	4,000	579,296	566,360	12,936	958,612	42

ornamental, 1; jewelry, 1; lead, bar, pipe, and sheet, 1; marble and stone work, 1; masonry, brick and stone, 1; mattresses and spring beds, 2; oil, not elsewhere specified, 1; optical goods, 1; paper hanging, 1; pottery, terra cotta, and fire-clay products, 2; rubber and elastic goods, 1; salt, 1; scales and balances, 1; shirts, 1; show cases, 2; silk and silk goods, 1; slaughtering and meat packing, wholesale, 1; slaughtering, wholesale, not including meat packing, 1; soap and candles, 1; taxidermy, 2; vinegar and cider, 1; whips, 1; wood, turned and carved, 2.

UNDER 20,000 IN POPULATION: 1900.

1,171	$719,762	245	$57,990	83	$13,741	$202,685	$32,492	$26,361	$141,453	$2,379	$1,949,899	$1,865,051	$84,848	$3,669,398	1
61	25,775	9	1,466	4	468	4,650	593	598	3,459	------	98,892	97,133	1,759	172,101	2
70	103,214	2	450	1	140	53,680	576	4,896	48,208	------	368,847	332,198	36,649	721,981	3
105	48,378	65	12,424	11	1,279	14,453	4,054	2,869	7,222	308	218,491	214,651	3,840	375,055	4
734	446,086	102	21,560	33	4,454	97,050	19,265	12,973	62,751	2,061	946,719	923,508	23,211	1,801,487	5
20	12,451	2	754	2	326	3,952	1,748	369	1,825	10	23,264	22,185	1,079	72,172	6
169	77,542	63	20,792	32	7,074	23,931	3,056	3,332	17,543	------	216,444	204,766	11,678	431,120	7
12	6,316	2	544	------	------	4,969	3,200	1,324	445	------	77,242	70,610	6,632	95,482	8

VERMONT.

Table 1 shows the manufacturing and mechanical industries of the state of Vermont as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	4,071	3,031	2,874	3,270	1,883	1,849	34.3	5.5	[1]12.1	73.7	1.8
Capital	$48,547,964	$32,763,291	$23,265,224	$20,329,637	$9,498,617	$5,001,377	48.2	40.8	14.4	114.0	89.9
Salaried officials, clerks, etc., number	1,772	[2]2,775	(3)	(3)	(3)	(3)	[1]36.1	------	------	------	------
Salaries	$1,620,876	[2]$1,668,996	(3)	(3)	(3)	(3)	[1]2.9	------	------	------	------
Wage-earners, average number	29,455	22,119	17,540	18,686	10,497	8,445	33.2	26.1	[1]6.1	78.0	24.3
Total wages	$12,237,684	$8,427,553	$5,164,479	$6,264,581	$3,004,986	$2,202,348	45.2	63.2	[1]17.6	108.5	36.4
Men, 16 years and over	24,714	18,985	14,438	16,301	8,563	6,894	30.2	31.5	[1]11.4	90.4	24.2
Wages	$11,027,185	$7,587,075	(3)	(3)	(3)	(3)	45.3	------	------	------	------
Women, 16 years and over	4,478	2,745	2,271	1,872	1,934	1,551	63.1	20.9	21.3	[1]3.2	24.7
Wages	$1,166,491	$784,156	(3)	(3)	(3)	(3)	48.8	------	------	------	------
Children, under 16 years	263	389	831	513	------	------	[1]32.4	[1]53.2	62.0	------	------
Wages	$44,008	$56,322	(3)	(3)	(3)	(3)	[1]21.9	------	------	------	------
Miscellaneous expenses	$3,482,448	$2,188,826	(4)	(4)	(4)	(4)	59.1	------	------	------	------
Cost of materials used	$29,858,824	$20,433,174	$18,330,677	$17,007,769	$7,608,858	$4,172,552	46.1	11.5	7.8	123.5	82.4
Value of products, including custom work and repairing	$57,623,815	$38,340,066	$31,354,366	$32,184,606	$14,637,807	$8,570,920	50.3	22.3	[1]2.6	119.9	70.8
Total population	343,641	332,422	332,286	330,551	315,098	314,120	3.4	(5)	0.5	4.9	0.3
Wage-earners engaged in manufactures	29,455	22,119	17,540	18,686	10,497	8,445	33.2	26.1	[1]6.1	78.0	24.3
Per cent of total population	8.6	6.7	5.3	5.7	3.3	2.7	------	------	------	------	------
Assessed value of real estate	[6]$118,950,024	$112,895,125	$71,436,623	$80,993,100	$65,639,973	$57,320,369	5.4	58.0	[1]11.8	23.4	14.5
Value of land and buildings invested in manufactures[7]	$14,828,028	$8,602,033	(3)	(3)	(3)	(3)	72.4	------	------	------	------
Per cent of assessed value	12.5	7.6	------	------	------	------	------	------	------	------	------

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 6.)
[3] Not reported separately.
[4] Not reported.
[5] Less than one-tenth of 1 per cent.
[6] As given in State and City Supplement, Dana's Commercial and Financial Chronicle, April 13, 1901.
[7] Does not include value of rented property.

Table 1 reveals the generally steady growth of the manufacturing industries of Vermont during the half century, a growth which is striking when compared with the small increase of population.

The total population of the state in 1850 was 314,120, and in 1900, 343,641, an increase of only 29,521, or 9.4 per cent, while the average number of wage-earners employed in manufacturing establishments has increased from 8,445 in 1850, to 29,455 in 1900, or 248.8 per cent, embracing, in 1900, 8.6 per cent of the population as compared with 2.7 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 40,160, or 11.7 per cent of the total population of the state.

The increase in the value of products from 1850 to 1860 was 70.8 per cent; from 1860 to 1870, 119.9 per cent; from 1880 to 1890, 22.3 per cent; and from 1890 to 1900, 50.3 per cent. From 1870 to 1880, there was a decrease of 2.6 per cent. The values, however, for 1870 were expressed in a currency which was at a discount in gold, and should, therefore, be reduced about one-fifth for purposes of comparison with other census years.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for a governmental establishment and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	4,817	$48,962,114	5,367	29,575	$12,249,695	$3,498,656	$29,941,931	$11,268,450	$16,939,006	$1,734,475	$57,849,869
Hand trades[1]	1,470	1,941,500	1,627	2,409	1,028,435	200,586	1,766,003	16,061	1,676,190	73,752	4,311,933
Governmental establishment	1	38,598	--------	4	2,097	183	17,858	----------	16,143	1,715	29,098
Establishments with a product of less than $500	745	375,552	793	116	9,914	16,025	65,249	5,823	59,348	78	196,956
All other establishments	2,601	46,606,464	2,947	27,046	11,209,249	3,281,862	28,092,821	11,246,566	15,187,325	1,658,930	53,311,882

[1] Includes bicycle and tricycle repairing, 40; blacksmithing and wheelwrighting, 613; boots and shoes, custom work and repairing, 101; carpentering, 78; clothing, men's, custom work and repairing, 68; clothing, women's, dressmaking, 86; dyeing and cleaning, 3; furniture, cabinetmaking, repairing, and upholstering, 50; lock and gun smithing, 5; masonry, brick and stone, 29; millinery, custom work, 154; painting, house, sign, etc., 90; paper hanging, 2; plumbing, and gas and steam fitting, 56; sewing machine repairing, 1; taxidermy, 3; watch, clock, and jewelry repairing, 91.

Of the 4,817 establishments of all classes, shown in this table, 2,215, or 46 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $4,508,889, or only 7.8 per cent of the total products of the state.

In addition to the 4,817 active establishments in the state during the census year, with a capital of $48,962,114, shown in Table 2, there were 23 idle establishments, with a capital of $104,160, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.
Foundry and machine shop products	2	$12,000
Lumber, planing mill products, including sash, doors, and blinds	1	32,000
Marble and stone work	1	11,500
Paper and wood pulp	1	15,000
Woolen goods	3	13,370
All other industries	15	20,290

Comparative statistics for the 10 leading industries in Vermont are presented in Table 3.

TABLE 3.—COMPARATIVE SUMMARY OF TEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	1,618	$29,260,101	15,000	$6,681,018	$1,645,682	$20,052,558	$34,366,777
	1890	1,413	20,804,840	13,688	5,013,498	1,116,308	13,778,997	23,947,027
Increase, 1890 to 1900	--------	205	8,455,261	1,312	1,667,520	529,374	6,273,561	10,419,750
Per cent of increase	--------	14.5	40.6	9.6	33.3	47.4	45.5	43.5
Per cent of total of all industries in state	1900	39.7	60.3	50.9	54.6	47.3	67.2	59.6
	1890	46.6	63.5	61.9	59.5	51.0	67.4	62.5
Cheese, butter, and condensed milk, factory product	1900	255	1,222,892	522	236,377	66,992	4,885,289	5,656,265
	1890	123	367,353	263	77,403	14,947	1,387,445	1,602,641
Flouring and grist mill products	1900	211	1,289,497	190	81,363	48,985	2,679,793	3,222,347
	1890	217	1,343,356	251	95,685	49,906	2,452,944	2,890,174
Foundry and machine shop products	1900	61	2,507,813	1,288	626,794	274,529	773,107	2,185,510
	1890	61	1,398,576	733	369,014	60,810	438,953	1,199,067
Hosiery and knit goods	1900	14	1,589,786	1,041	389,667	108,006	1,115,324	1,834,685
	1890	10	754,882	705	256,085	63,188	649,004	1,105,958
Lumber and timber products	1900	658	7,051,523	3,625	1,184,904	176,026	3,377,131	6,131,808
	1890	779	7,789,874	6,054	1,501,776	294,468	3,854,670	6,958,674
Lumber, planing mill products, including sash, doors, and blinds	1900	46	2,095,507	814	301,215	121,913	1,856,136	2,598,581
	1890	31	1,050,757	628	270,484	56,403	1,354,214	1,868,760
Marble and stone work	1900	54	3,603,111	1,773	912,614	183,696	805,476	2,484,551
	1890	46	993,236	1,353	674,317	102,907	582,202	1,656,637
Monuments and tombstones	1900	268	1,844,015	2,974	1,773,103	268,391	1,143,008	4,045,611
	1890	96	650,513	1,095	698,240	59,552	343,680	1,492,384
Paper and wood pulp	1900	27	4,853,806	1,216	571,018	265,569	1,684,922	3,384,773
	1890	21	3,151,911	1,065	487,529	235,742	1,280,722	2,449,049
Wool manufactures	1900	24	3,202,151	1,557	603,963	131,575	1,732,372	2,822,646
	1890	29	3,304,382	1,541	582,965	178,385	1,435,163	2,723,683

The 10 leading industries of the state in 1900, as shown in Table 3, embraced 1,618 establishments, or 39.7 per cent of the total number in the state; $29,260,101, or 60.3 per cent of the total capital; 15,000, or 50.9 per cent of the total average number of wage-earners; $6,681,018, or 54.6 per cent of the total wages; and $34,366,777, or 59.6 per cent of the total products. In the discussion which follows, these industries are ranked with reference to the value of the products.

Table 3 shows that the manufacture of lumber and timber products is the most important in the state. The 658 establishments reported for this industry gave employment to 3,625 persons, or 12.3 per cent of the wage-earners in the state, and paid in wages $1,184,904, or 9.7 per cent of the total wages of the state. The value of the products was $6,131,808, or 10.6 per cent of the value of all the products of the state. In 1890 the establishments numbered 779, the wage-earners, 6,054, and the value of the products was $6,958,674.

Allied to the manufacture of lumber and timber products is the manufacture of planing mill products, including sash, doors, and blinds. For this industry 46 establishments were reported, an increase of 48.4 per cent over 1890, when the number was 31. The number of wage-earners increased from 628 in 1890 to 814 in 1900, or 29.6 per cent; and the value of the products from $1,868,760 to $2,598,581, or 39.1 per cent. Sawmills were among the first mechanical establishments in the state. At the close of the Revolutionary War, Lake Champlain became the principal avenue of commerce between the settlements along the lake and Canada. Large quantities of pine and oak timber were cut in the forests that skirted the lake and larger rivers, and were floated in rafts by means of jury-mast and sail down the lake, thence by the Richelieu and St. Lawrence rivers to Quebec, and shipped to Europe.[1] With the removal of the natural barriers to navigation in the Richelieu River and the opening of the railroad from Burlington to the New England markets, Burlington became the center of a large lumber trade. In 1882 the sales of the Burlington lumber market amounted to 117,000,000 feet,[1] the city ranking third in importance as a lumber market in the United States. Since the establishment of all-rail connections from Canadian mills to the Boston market, permitting winter shipments and avoiding reshipment, there has been a gradual decrease in the city's lumber trade, which, however, still remains its most important industry.

Next in importance stands the factory manufacture of cheese, butter, and condensed milk. In the decade from 1890 to 1900 the number of establishments increased from 123 to 255, or 107.3 per cent; the capital from $367,353 to $1,222,892, or 232.9 per cent; the wage-earners from 263 to 522, or 98.5 per cent; and the products from $1,602,641 to $5,656,265, or 252.9 per cent.

The manufacture of monuments and tombstones is third in importance, and also shows a notable increase in all particulars, the percentages of gain being nearly the same in number of establishments, average number of wage-earners, and value of products. In 1890, 96 establishments were reported, and in 1900, 268, an increase of 179.2 per cent. The wage-earners in 1890 numbered 1,095, and in 1900, 2,974, an increase of 171.6 per cent. The value of products in 1890 was $1,492,384, and in 1900, $4,045,611, an increase of 171.1 per cent. The showing for marble and stone work, an allied industry, is also satisfactory. The number of establishments in 1890 was 46, compared with 54 in 1900, an increase of only 17.4 per cent; but the value of products, $1,656,637 in 1890, amounted to $2,484,551 in 1900, an increase of 50 per cent. Both industries owe their importance to extensive quarries.[2] A large proportion of the marble used in the United States is obtained from quarries in Vermont. It was not until 1785 that the first quarry was opened by Isaac Underhill on land in Dorset. In 1805 a quarry was started in Middlebury. The largest producing quarries are on Otter Creek, Proctor and West Rutland being the principal quarrying towns. Quarries are operated at different points in the western part of the state, extending from Isle La Motte, where black marble is found, to Bennington county. These marbles are very beautiful in finish and texture. The manufacture of marble monuments as an important industry dates from 1808. The stock was first taken from the top or outer edge of the layers, where the strata could readily be split into sheets of suitable thickness. These sheets were cut down with a chisel into the desired shape. Marble was first sawed in South Dorset in 1818, and found a market in Boston, New York, Philadelphia, Cleveland, and intermediate points.

The quarrying of granite began in 1812.[3] During the past twenty-five years quarries have been opened in Barre, Hardwick, Williamstown, Dummerston, Berlin, Woodbury, and Ryegate.[3] The city of Barre had the largest per cent of increase in population of any place in the state in the last decade, due almost entirely to the development of these quarries and the manufactures allied to them.

It is interesting to note in this connection that the quarrying and cutting of slate is an important industry of southwestern Vermont. The first quarry was opened in 1839 at Fair Haven and was worked eight years before roofing slate was manufactured.[4] There were 23 establishments in the state in 1900 (see Table 6), engaged in the manufacture of roofing and roofing materials. These reported a capital of $545,914; 1,604 wage-earners; and products valued at $907,744. In 1890 there were only 2 establishments reported for the industry.

The 27 establishments reported in 1900 as engaged in the manufacture of paper and wood pulp had a capital of $4,853,806, and gave employment to 1,216 wage-earners, with total wages of $571,018. The products were valued at $3,384,773. The increase over 1890 in number of estab-

[1] The New England States, edited by W. T. Davis, Vol. III, pages 1524–1526.

[2] The New England States, Vol. III, pages 1514–1518.

[3] Report of the Vermont State Board of Agriculture, 1894, pages 293 and 295.

[4] History of Rutland county, Vermont, by H P. Smith and W. S. Rann, pages 192 and 193.

lishments was 28.6 per cent; in number of wage-earners, 14.2 per cent; and in value of products, 38.2 per cent. This industry is largely located at Bellows Falls on the Connecticut River, and is favored by unfailing waterpower and adjacent forests.

The manufacture of flouring and grist mill products in a total of 211 establishments, with a capital of $1,289,497, gave employment to 190 wage-earners in 1900, and paid in wages $81,363. The value of the products amounted to $3,222,347. In 1890 there were 217 establishments having a capital of $1,343,356; 251 wage-earners with total wages of $95,685; and products valued at $2,890,174.

In wool manufactures 24 establishments were reported in 1900, with a capital of $3,202,151; 1,557 wage-earners, with total wages of $603,963; and products valued at $2,822,646. In 1890 there were 29 establishments having a capital of $3,304,382, and products to the value of $2,723,683. The pioneer woolen manufacturer was Joel Valentine, who began the business in 1824.[1]

The 61 establishments reported for the manufacture of foundry and machine shop products in 1900, had a capital of $2,507,813; 1,288 wage-earners, with total wages of $626,794; and products valued at $2,185,510. While the number of establishments remained the same as in 1890, the capital was larger by 79.3 per cent, and the value of products increased 82.3 per cent.

The manufacture of hosiery and knit goods showed an increase in establishments from 10 in 1890 to 14 in 1900, or 40 per cent, and in value of products, an increase from $1,105,958 in 1890 to $1,834,685 in 1900, or 65.9 per cent.

Table 4 presents the totals for the manufacturing industries of the 21 cities and towns withdrawn from the enumerators and places them in comparison with the totals for the entire state, and the state exclusive of these cities and towns.

[1] The New England States, Vol. III, page 1551.

TABLE 4.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Products. Value.	Products. Rank.	Products. Per cent of total.	Population. Total.	Population. Rank.	Population. Per cent of total.
Total for state	4,071	$48,547,964	4,574	29,455	$12,237,684	$3,482,448	$29,858,824	$57,623,815	-------	100.0	343,641	-------	100.0
Total for urban manufactures	1,617	26,361,298	1,885	17,617	7,665,220	2,516,564	14,779,810	31,861,298	-------	55.3	105,079	-------	30.6
Barre	239	1,343,544	366	2,123	1,315,790	215,116	993,625	3,242,274	2	5.6	8,448	3	2.5
Bennington	82	3,129,196	85	1,855	701,030	161,755	1,443,830	2,805,608	4	4.9	5,656	8	1.6
Brandon	61	205,645	69	239	83,472	11,816	158,691	326,249	19	0.6	2,759	15	0.8
Brattleboro	119	1,334,492	132	854	376,647	90,213	665,599	1,544,457	8	2.7	5,297	10	1.5
Burlington	196	5,066,377	199	2,794	1,008,188	1,064,709	3,751,186	7,094,538	1	12.3	18,640	1	5.4
Colchester	31	1,298,233	29	932	251,499	81,797	764,284	1,258,603	10	2.2	5,352	9	1.6
Derby	19	215,924	17	184	71,200	7,101	351,220	531,462	15	0.9	3,274	11	1.0
Fair Haven	62	381,736	77	346	137,056	13,391	213,330	483,858	16	0.8	2,470	16	0.7
Lyndon	38	159,129	42	71	20,501	24,352	91,049	221,290	20	0.4	2,956	13	0.9
Montpelier	121	950,624	158	1,019	510,450	66,065	614,969	1,591,958	7	2.8	6,266	4	1.8
Newport	23	293,336	34	245	84,837	19,504	353,444	549,522	14	0.9	1,874	19	0.5
Northfield	56	356,110	64	276	112,263	14,983	339,433	561,673	13	1.0	1,508	20	0.4
Poultney	49	437,656	58	349	112,689	11,789	190,564	405,379	18	0.7	3,108	12	0.9
Proctor	5	2,465	5	2	625	125	3,079	6,010	21	(1)	2,136	17	0.6
Rockingham	53	664,902	65	359	163,457	143,297	504,028	961,023	12	1.7	5,809	6	1.7
Rutland	186	2,112,530	207	1,791	773,304	133,616	1,044,566	2,456,677	5	4.3	11,499	2	3.4
St. Albans	79	1,192,735	76	1,178	519,292	98,355	1,034,772	1,850,590	6	3.2	6,239	5	1.8
St. Johnsbury	89	3,790,028	91	1,195	568,619	132,521	951,643	2,838,906	3	4.9	5,666	7	1.7
Springfield	46	985,356	40	602	286,195	76,870	540,859	1,210,286	11	2.1	2,040	18	0.6
Swanton	46	306,698	55	259	80,546	23,648	295,193	480,601	17	0.8	1,168	21	0.3
West Rutland	17	2,134,582	16	944	487,560	125,541	474,446	1,440,334	9	2.5	2,914	14	0.9
Total for state exclusive of urban manufactures	2,454	22,186,666	2,689	11,838	4,572,464	965,884	15,079,014	25,762,517	-------	44.7	238,562	-------	69.4
Per cent of urban manufactures to total for state	39.7	54.3	41.2	59.8	62.6	72.3	49.5	55.3	-------	-------	30.6	-------	-------

[1] Less than one-tenth of 1 per cent.

Of the 4,071 establishments in the state, 1,617, or 39.7 per cent, are located in these 21 cities and towns. The capital reported for these establishments is $26,361,298, or 54.3 per cent of that for the entire state. They furnished employment to 17,617 wage-earners, or 59.8 per cent of the total number; paid $7,665,220 in wages, or 62.6 per cent of the total amount; and the value of their products, $31,861,298, formed 55.3 per cent of the total for the state.

Table 5 shows the totals for the state by counties.

Table 6 shows the totals for the state by specified industries.

Table 7 shows the totals for all industries in the cities and towns withdrawn from the enumerators.

TABLE 5.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	4,071	$48,547,964	$6,738,461	$8,089,567	$11,682,873	$22,037,063	4,574	1,772	$1,620,876	29,455	$12,237,684
2	Addison	223	1,473,374	334,631	203,026	353,776	581,941	247	74	60,201	818	303,390
3	Bennington	235	5,341,345	708,740	806,122	1,397,825	2,428,658	241	146	156,601	2,894	1,075,539
4	Caledonia	326	5,282,545	532,765	1,046,274	1,081,013	2,622,493	370	183	139,443	2,089	986,984
5	Chittenden	383	7,178,072	497,674	1,107,053	1,673,225	3,900,120	388	308	362,249	4,175	1,434,046
6	Essex	71	1,511,014	726,726	266,425	206,012	311,851	75	20	16,250	477	160,119
7	Franklin	301	2,735,020	369,463	441,927	875,666	1,047,964	329	169	131,490	2,107	804,053
8	Grand Isle	18	40,865	1,000	11,250	20,140	8,475	14	1	120	10	5,611
9	Lamoille	166	994,757	203,470	138,785	220,590	431,912	189	21	12,888	548	196,421
10	Orange	230	741,286	78,263	166,518	225,285	271,220	247	40	16,302	498	194,680
11	Orleans	210	1,544,547	182,466	242,248	356,150	763,683	229	51	43,367	1,104	378,013
12	Rutland	588	6,706,800	1,429,860	1,270,591	1,396,712	2,609,637	673	310	242,264	5,598	2,278,636
13	Washington	606	3,846,308	468,307	440,692	914,674	2,022,635	795	145	115,592	3,933	2,129,735
14	Windham	356	6,612,572	834,482	1,167,593	1,862,368	2,748,129	399	186	185,382	2,690	1,209,757
15	Windsor	358	4,539,459	370,614	781,063	1,099,437	2,288,345	378	118	138,727	2,514	1,080,700

TABLE 6.—MANUFACTURES BY

1	All industries	4,071	$48,547,964	$6,738,461	$8,089,567	$11,682,873	$22,037,063	4,574	1,772	$1,620,876	29,455	$12,237,684
2	Agricultural implements	17	484,277	20,500	64,700	67,776	331,301	19	24	18,267	211	85,846
3	Awnings, tents, and sails	3	7,750	----------	----------	2,500	5,250	5	----------	----------	11	5,500
4	Baskets, and rattan and willow ware	3	21,200	3,450	6,000	5,950	5,800	5	----------	----------	39	15,975
5	Bicycle and tricycle repairing	40	50,390	5,850	8,725	17,185	18,630	45	1	300	32	12,568
6	Blacksmithing and wheelwrighting	613	582,113	63,712	183,060	122,511	212,830	652	2	800	230	99,501
7	Bookbinding and blank book making	4	10,000	----------	----------	8,350	1,650	5	----------	----------	21	5,093
8	Boots and shoes, custom work and repairing.	101	51,556	6,390	14,425	13,153	17,588	106	1	50	43	16,429
9	Boots and shoes, factory product	5	478,184	4,800	42,393	77,596	353,395	2	40	32,114	355	128,771
10	Bottling	7	39,120	4,600	11,000	17,100	6,420	8	5	1,296	20	9,216
11	Boxes, wooden packing	34	207,719	14,712	23,982	44,550	124,475	33	9	4,400	201	70,020
12	Bread and other bakery products	50	259,847	21,050	45,550	82,907	110,340	54	33	25,488	148	59,298
13	Brick and tile	15	99,298	14,700	23,520	14,525	46,553	15	5	3,864	115	42,722
14	Brooms and brushes	3	55,215	2,350	9,100	8,575	35,190	3	3	2,250	50	14,650
15	Carpentering	78	239,837	22,725	33,965	57,240	125,907	92	4	1,640	800	370,727
16	Carriages and wagons	86	357,035	41,000	105,550	55,010	155,475	105	3	1,275	196	95,516
17	Cars and general shop construction and repairs by steam railroad companies.	7	711,261	92,100	274,200	216,458	128,503	----------	32	23,744	779	446,017
18	Cheese, butter, and condensed milk, factory product.	255	1,222,892	53,712	315,163	494,522	359,495	142	137	37,514	522	236,377
19	Clothing, men's, custom work and repairing.	68	141,508	6,350	17,775	10,120	107,263	76	6	5,960	209	80,335
20	Clothing, men's, factory product	7	424,507	1,500	21,789	32,167	369,051	8	32	43,765	526	145,334
21	Clothing, women's, dressmaking	86	48,643	5,200	10,710	9,630	23,103	100	2	1,880	179	39,115
22	Clothing, women's, factory product	5	47,420	600	1,900	8,100	36,820	6	10	5,005	202	53,123
23	Confectionery	11	234,600	24,663	65,000	27,961	116,976	14	40	26,908	115	36,174
24	Cooperage	9	53,505	2,450	7,300	17,575	26,180	15	----------	----------	81	24,705
25	Cotton goods	5	1,932,983	188,754	451,745	796,312	496,172	----------	20	26,579	1,015	259,758
26	Dyeing and cleaning	3	6,253	1,600	3,900	250	503	3	----------	----------	1	170
27	Electrical construction and repairs	5	18,032	300	2,000	2,500	13,232	7	3	751	15	5,266
28	Flouring and grist mill products	211	1,289,497	172,155	327,215	276,826	513,301	251	29	20,664	190	81,363
29	Food preparations	4	115,376	10,700	32,545	27,637	44,494	2	15	7,832	53	13,727
30	Foundry and machine shop products	61	2,507,813	224,061	292,726	660,557	1,330,469	53	148	135,895	1,288	626,794
31	Fruits and vegetables, canning and preserving.	3	68,528	----------	13,500	20,316	34,712	6	4	4,100	111	21,762
32	Fur goods	3	27,536	----------	----------	1,303	26,233	4	1	780	16	5,763
33	Furnishing goods, men's	4	85,574	300	7,000	21,505	56,769	1	36	22,027	200	46,989
34	Furniture, cabinetmaking, repairing, and upholstering.	50	98,229	12,350	32,050	9,410	44,419	58	2	900	48	19,439
35	Furniture, factory product	24	1,040,223	34,000	225,245	221,187	559,791	24	61	61,146	987	358,342
36	Gas, illuminating and heating	7	477,099	28,950	48,000	341,277	58,872	----------	13	6,515	15	7,837
37	Hardware	5	64,000	4,200	4,850	18,405	36,545	5	3	3,600	71	22,334
38	Hosiery and knit goods	14	1,589,786	21,300	92,380	485,822	990,284	9	32	42,024	1,041	389,667
39	House furnishing goods, not elsewhere specified.	4	28,466	50	2,500	7,718	18,198	5	3	2,386	29	10,347
40	Kaolin and other earth grinding	3	19,550	1,600	12,500	2,200	3,250	2	----------	----------	22	6,017
41	Leather, tanned, curried, and finished	8	160,906	4,900	13,500	7,250	135,256	10	5	5,450	68	31,225
42	Lime and cement	13	176,825	51,900	31,450	19,925	73,550	17	2	1,400	182	57,257
43	Lock and gun smithing	5	4,532	100	800	2,540	1,092	6	----------	----------	2	430
44	Looking-glass and picture frames	14	15,400	150	400	1,725	13,125	16	3	625	11	3,808
45	Lumber and timber products	658	7,051,523	2,064,800	755,210	1,663,022	2,568,491	815	84	53,243	3,625	1,184,904
46	Lumber, planing mill products, including sash, doors, and blinds.	46	2,095,507	139,625	276,029	213,282	1,466,571	54	53	52,568	814	301,215
47	Mantels, slate, marble, and marbleized	4	13,010	700	3,100	1,210	8,000	8	1	480	7	2,880
48	Marble and stone work	54	3,603,111	1,223,833	803,900	724,031	851,347	77	129	131,933	1,773	912,614
49	Masonry, brick and stone	29	23,393	2,400	4,400	8,422	8,171	37	----------	----------	159	75,959
50	Millinery, custom work	154	208,770	12,110	35,665	7,092	153,903	171	12	6,034	176	44,933
51	Mineral and soda waters	12	74,766	4,300	17,200	14,500	38,766	20	9	6,478	28	12,171

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
24,714	$11,027,185	4,478	$1,166,491	263	$44,008	$3,482,448	$295,512	$236,018	$2,688,837	$262,081	$29,858,824	$29,022,351	$836,473	$57,623,815	1
730	284,197	79	17,478	9	1,715	52,313	9,539	5,668	37,056	50	803,779	786,453	17,326	1,567,740	2
1,860	759,760	957	302,149	77	13,630	227,188	29,196	19,673	165,397	12,922	2,458,592	2,395,674	62,918	4,727,244	3
2,015	968,890	70	17,528	4	566	212,510	16,338	23,964	130,744	41,464	2,113,821	2,066,052	47,769	4,934,108	4
3,114	1,180,720	1,007	243,736	54	9,590	1,178,415	44,479	31,266	1,019,965	82,705	5,662,940	5,568,794	94,146	10,014,581	5
376	134,042	89	23,233	12	2,844	37,153	2,455	4,863	29,835	----------	443,808	440,469	3,339	807,566	6
1,653	724,443	438	77,606	16	2,004	190,406	13,592	13,582	158,563	4,669	2,166,795	2,105,417	61,378	3,775,284	7
9	5,411	1	200	------	----------	757	45	223	489	----------	116,670	114,214	2,456	136,459	8
521	190,137	23	5,694	4	590	39,878	3,578	5,814	30,486	----------	809,012	802,403	6,609	1,279,504	9
466	187,646	29	6,574	3	460	28,817	5,189	4,482	19,146	----------	851,049	834,175	16,874	1,344,326	10
944	340,432	146	35,368	14	2,213	58,802	5,454	7,742	43,513	2,093	1,756,092	1,742,767	13,325	2,701,525	11
5,014	2,159,022	557	115,965	27	3,649	361,172	60,501	37,233	244,387	19,051	3,156,367	3,039,207	117,160	7,408,312	12
3,714	2,075,776	215	53,109	4	850	336,294	47,269	22,049	184,146	82,830	2,856,308	2,761,070	95,238	6,799,986	13
2,272	1,083,697	402	124,105	16	1,955	492,434	33,777	33,339	421,996	3,322	3,404,997	3,199,205	205,792	6,387,640	14
2,026	933,012	465	143,746	23	3,942	266,309	24,100	26,120	203,114	12,975	3,258,594	3,166,451	92,143	5,739,540	15

SPECIFIED INDUSTRIES: 1900.

24,714	$11,027,185	4,478	$1,166,491	263	$44,008	$3,482,448	$295,512	$236,018	$2,688,837	$262,081	$29,858,824	$29,022,351	$836,473	$57,623,815	1
204	84,124	7	1,722	------	----------	15,909	169	2,303	13,437	----------	163,515	154,060	9,455	369,537	2
7	3,630	4	1,870	------	----------	845	660	30	155	----------	10,226	9,991	235	23,060	3
37	15,475	2	500	------	----------	2,130	----------	300	1,830	----------	6,049	6,049	----------	33,370	4
32	12,568	------	----------	------	----------	5,226	2,721	362	2,028	115	24,760	23,794	966	65,737	5
229	99,306	------	----------	1	195	27,184	14,406	4,080	8,653	45	217,252	199,002	18,250	740,976	6
6	2,543	15	2,550	------	----------	2,007	740	63	1,104	100	1,676	1,506	170	14,475	7
40	16,077	3	352	------	----------	6,950	5,194	376	1,380	----------	36,960	35,611	1,349	105,650	8
199	86,719	155	41,952	1	100	25,970	1,060	547	24,318	45	561,786	558,555	3,231	792,707	9
20	9,216	------	----------	------	----------	5,310	372	243	4,695	----------	81,636	81,236	400	133,300	10
184	66,451	16	3,492	1	77	6,834	2,822	724	3,288	----------	138,084	134,705	3,379	264,286	11
120	51,731	24	6,880	4	687	27,389	9,688	2,514	15,159	28	206,419	196,688	9,731	417,269	12
114	42,622	------	----------	1	100	5,474	495	493	2,886	1,600	18,287	1,532	16,755	99,525	13
47	14,250	------	----------	3	400	6,513	----------	603	5,910	----------	69,734	68,913	821	111,508	14
800	370,727	------	----------	------	----------	47,131	2,338	1,842	5,438	37,513	593,010	590,053	2,957	1,245,507	15
196	95,516	------	----------	------	----------	14,535	2,234	2,902	8,718	681	110,709	104,590	6,119	321,315	16
779	446,017	------	----------	------	----------	4,614	----------	2,092	2,522	----------	350,401	338,849	11,552	824,776	17
509	232,894	13	3,483	------	----------	66,992	4,905	5,373	54,511	2,203	4,885,289	4,827,130	58,159	5,656,265	18
91	46,994	118	33,341	------	----------	15,697	9,162	1,049	4,636	850	122,759	120,284	2,475	312,625	19
73	39,309	153	106,025	------	----------	32,076	3,480	544	28,052	----------	359,813	356,843	2,970	728,652	20
4	2,050	175	37,065	------	----------	8,196	6,658	272	1,241	25	54,222	52,089	2,133	168,259	21
26	7,475	176	45,648	------	----------	2,076	375	126	1,575	----------	115,429	114,548	881	197,995	22
58	24,576	56	11,473	1	125	28,822	3,736	1,411	23,675	----------	124,870	119,750	5,120	284,259	23
81	24,705	------	----------	------	----------	2,039	80	141	1,818	----------	36,112	35,383	729	105,965	24
438	131,465	495	114,375	82	13,918	43,282	----------	5,650	37,632	----------	526,235	506,009	20,226	999,886	25
------	----------	1	170	------	----------	249	150	66	33	----------	304	150	154	1,968	26
15	5,266	------	----------	------	----------	1,859	1,280	57	522	----------	27,672	27,606	66	45,672	27
187	80,818	2	445	1	100	48,985	8,245	9,790	30,950	----------	2,679,793	2,668,099	11,694	3,222,347	28
32	9,480	21	4,247	------	----------	42,248	100	46	42,102	----------	61,768	60,391	1,377	124,370	29
1,279	624,732	8	1,732	1	330	274,529	9,943	15,490	224,738	24,358	773,107	741,440	31,667	2,185,510	30
64	15,140	45	6,362	2	260	3,390	450	210	2,730	----------	83,361	82,161	1,200	166,184	31
6	3,329	10	2,434	------	----------	1,638	1,175	150	313	----------	12,260	12,100	160	23,848	32
37	14,378	161	32,258	2	353	18,963	3,414	545	7,606	7,398	82,063	81,052	1,011	191,027	33
45	19,066	2	283	1	90	8,298	3,492	918	3,888	----------	43,299	41,810	1,489	100,112	34
944	348,944	15	3,136	28	6,262	69,167	6,660	3,267	53,929	5,311	555,448	544,238	11,210	1,252,743	35
15	7,837	------	----------	------	----------	13,950	175	2,675	11,100	----------	20,191	19,054	1,137	71,015	36
42	16,736	27	5,139	2	459	3,134	470	114	1,350	1,200	39,439	37,764	1,675	91,325	37
387	161,507	651	227,842	3	318	108,006	12,519	3,220	92,267	----------	1,115,324	1,093,073	22,251	1,834,685	38
22	8,934	7	1,413	------	----------	3,618	659	231	2,288	440	34,486	33,541	945	54,545	39
22	6,017	------	----------	------	----------	446	----------	121	325	----------	3,847	3,437	410	21,450	40
68	31,225	------	----------	------	----------	10,694	1,000	887	8,807	----------	300,162	297,371	2,791	365,099	41
182	57,257	------	----------	------	----------	9,367	10	841	8,516	----------	95,552	50,440	45,112	207,524	42
2	430	------	----------	------	----------	632	427	12	193	----------	1,036	924	112	4,648	43
11	3,808	------	----------	------	----------	2,186	1,254	134	798	----------	14,884	14,691	193	31,177	44
3,486	1,166,227	99	13,411	40	5,266	176,026	9,444	40,001	126,581	----------	3,377,131	3,376,536	595	6,131,808	45
794	297,819	14	2,470	6	926	121,913	2,385	6,264	100,644	12,620	1,856,136	1,847,619	8,517	2,598,581	46
7	2,880	------	----------	------	----------	474	98	45	331	----------	12,882	12,627	255	26,708	47
1,773	912,614	------	----------	------	----------	183,696	5,915	22.896	145,460	9,425	805,476	776,375	29,101	2,484,551	48
159	75,959	------	----------	------	----------	13,412	315	330	347	12,420	44,736	44,500	236	175,186	49
2	1,335	173	43,523	1	75	30,000	21,452	1,358	7,190	----------	211,755	208,928	2,827	404,676	50
26	11,776	1	300	1	95	3,703	1,180	373	2,150	----------	45,383	44,811	572	104,565	51

TABLE 6.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES AND TOWNS.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
52	Monuments and tombstones	268	$1,844,015	$142,400	$193,561	$428,905	$1,079,149	450	86	$73,291	2,974	$1,773,103
53	Painting, house, sign, etc	90	75,414	7,690	18,965	13,095	35,664	99			226	108,701
54	Paper and wood pulp	27	4,853,806	1,162,959	997,646	1,378,484	1,314,717	16	88	129,498	1,216	571,018
55	Patent medicines and compounds	24	758,291	29,575	103,450	74,405	550,861	26	98	160,482	279	110,150
56	Paving and paving materials	3	13,439	2,500	700	5,430	4,809	3			23	10,280
57	Photography	70	110,461	8,800	27,725	48,839	25,097	72			35	12,936
58	Pickles, preserves, and sauces	8	48,520	3,700	5,000	18,350	21,470	9	3	1,550	18	6,877
59	Plumbing, and gas and steam fitting	56	298,456	20,700	33,250	36,625	207,881	72	25	12,606	249	133,071
60	Printing and publishing, book and job	41	176,447	2,450	8,475	104,300	61,222	47	22	14,710	145	58,251
61	Printing and publishing, newspapers and periodicals.	61	500,698	25,987	52,208	283,029	139,474	54	71	50,135	436	176,748
62	Roofing and roofing materials	23	545,914	123,790	57,360	131,155	233,609	37	39	26,310	1,604	542,086
63	Saddlery and harness	124	153,405	12,472	30,435	18,783	91,715	135	2	575	73	31,999
64	Shoddy	3	245,982	11,200	25,800	15,500	193,482	4	1	1,000	93	45,345
65	Soap and candles	7	28,280	5,050	11,600	5,675	5,955	7	1	1,000	12	4,550
66	Taxidermy	3	4,875	50	500	175	4,150	3				
67	Tinsmithing, coppersmithing, and sheet-iron working.	87	298,555	15,355	75,650	42,925	164,625	102	16	10,694	190	70,868
68	Tobacco, cigars and cigarettes	21	42,941	805	1,325	2,560	38,251	23	2	1,728	52	26,226
69	Tools, not elsewhere specified	5	27,254	510	1,040	8,384	17,320	6	3	1,800	14	8,180
70	Toys and games	3	95,880	3,125	26,500	21,815	44,440		9	7,954	121	52,027
71	Vinegar and cider	26	23,885	1,395	7,055	11,570	3,865	26			9	2,460
72	Watch, clock, and jewelry repairing	91	106,541	6,950	14,900	35,003	49,688	104			49	23,591
73	Wirework, including wire rope and cable.	3	60,105	10,400	11,200	14,005	24,500	4	2	6,500	38	13,660
74	Wood, turned and carved	25	251,840	10,175	30,865	48,750	162,050	32	9	9,250	265	89,646
75	Woodenware, not elsewhere specified	6	41,254	3,200	9,600	14,300	14,154	7	2	1,200	51	15,792
76	Woolen goods	23	3,001,347	133,625	473,114	731,290	1,663,318	21	51	70,908	1,484	577,249
77	All other industries[1]	62	6,315,794	376,046	1,096,026	1,221,836	3,621,886	44	187	209,755	2,767	1,176,887

[1] Embraces boxes, cigar, 1; boxes, fancy and paper, 2; brass castings and brass finishing, 1; carriage and wagon materials, 1; carriages and sleds, children's, 2; cars and general shop construction and repairs by street railroad companies, 1; chemicals, 2; clocks, 2; coffee and spice, roasting and grinding, 2; coffins, burial cases, and undertakers' goods, 2; cutlery and edge tools, 1; electroplating, 1; explosives, 1; grease and tallow, 1; hardware, saddlery, 1; hones and whetstones, 1; instruments, professional and scientific, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; ironwork, architectural and ornamental, 1;

TABLE 7.—MANUFACTURES IN CITIES AND

1	Total for cities and towns	1,617	$26,361,298	$2,462,445	$4,134,913	$6,172,746	$13,591,194	1,885	1,161	$1,137,306	17,617	$7,665,220
2	Barre	239	1,343,544	95,100	140,340	329,512	778,592	366	55	47,724	2,123	1,315,790
3	Bennington	82	3,129,196	151,475	356,380	899,289	1,722,052	85	88	101,805	1,855	701,030
4	Brandon	61	205,645	36,880	28,540	58,849	81,376	69	11	5,414	239	83,472
5	Brattleboro	119	1,334,492	61,175	200,812	275,357	797,148	132	63	68,861	854	376,647
6	Burlington	196	5,066,377	308,512	727,437	1,137,553	2,892,875	199	243	301,689	2,794	1,008,188
7	Colchester	31	1,298,233	91,529	206,561	321,893	678,250	29	42	41,115	932	251,499
8	Derby	19	215,924	7,250	37,350	62,750	108,574	17	10	9,490	184	71,200
9	Fair Haven	62	381,736	86,038	72,756	102,238	120,704	77	12	7,805	346	137,056
10	Lyndon	38	159,129	17,250	51,500	15,859	74,520	42	39	18,424	71	20,501
11	Montpelier	121	950,624	80,100	93,400	264,268	512,856	158	57	53,433	1,019	510,450
12	Newport	23	293,336	12,100	32,523	70,813	177,900	34	12	16,016	245	84,837
13	Northfield	56	356,110	26,345	51,891	81,675	196,199	64	11	9,100	276	112,263
14	Poultney	49	437,656	119,425	66,275	85,090	166,866	58	9	7,530	349	112,689
15	Proctor	5	2,465	450	810	305	900	5			2	625
16	Rockingham	53	664,902	15,170	77,053	208,053	364,626	65	47	33,920	359	163,457
17	Rutland	186	2,112,530	200,374	328,996	421,285	1,161,875	207	139	103,563	1,791	773,304
18	St. Albans	79	1,192,735	97,252	202,097	488,869	404,517	76	95	78,499	1,178	519,292
19	St. Johnsbury	89	3,790,028	220,875	735,804	731,234	2,102,115	91	96	93,105	1,195	568,619
20	Springfield	46	985,356	77,420	128,488	174,998	604,450	40	38	47,602	602	286,195
21	Swanton	46	306,698	54,225	50,650	66,386	135,437	55	27	17,286	259	80,546
22	West Rutland	17	2,134,582	703,500	545,250	376,470	509,362	16	67	74,925	944	487,560

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
2,971	$1,772,565	------	------	3	$538	$268,391	$29,625	$7,652	$125,524	$105,590	$1,143,008	$1,075,342	$67,666	$4,045,611	52
226	108,701	------	------	------	------	6,505	3,369	332	2,804	------	81,464	80,311	1,153	266,177	53
1,129	545,066	86	$25,794	1	158	265,569	975	26,306	237,313	975	1,684,922	1,477,658	207,264	3,384,773	54
124	69,991	154	39,994	1	165	806,360	2,234	5,137	797,404	1,585	690,610	685,634	4,976	2,125,016	55
23	10,280	------	------	------	------	1,989	70	79	1,840	------	10,126	9,136	990	27,854	56
19	7,052	16	5,884	------	------	12,458	7,626	460	4,022	350	37,068	35,314	1,754	123,154	57
13	5,077	5	1,800	------	------	1,933	705	203	1,025	------	25,717	24,586	1,131	43,808	58
247	132,636	1	260	1	175	17,499	7,599	1,942	7,958	------	310,278	306,901	3,377	603,361	59
106	48,848	36	8,913	3	490	16,696	6,797	798	8,301	800	72,967	68,914	4,053	230,120	60
280	133,532	144	41,445	12	1,771	53,113	9,717	2,783	32,013	8,600	115,285	106,209	9,076	546,991	61
1,596	540,756	------	------	8	1,330	33,916	19,360	1,646	12,910	------	175,196	121,003	54,193	907,744	62
73	31,999	------	------	------	------	11,321	6,890	1,097	3,274	60	107,874	105,638	2,236	229,795	63
67	38,142	26	7,203	------	------	7,609	------	1,168	6,441	------	268,712	263,034	5,678	382,852	64
11	4,500	------	------	1	50	1,978	350	203	1,425	------	10,141	9,426	715	26,110	65
------	------	------	------	------	------	255	205	5	45	------	465	350	115	2,925	66
189	70,618	1	250	------	------	16,503	6,028	2,755	7,695	25	170,616	166,885	3,731	349,893	67
47	25,136	4	974	1	116	11,369	2,620	315	8,434	------	30,700	30,218	482	86,223	68
14	8,180	------	------	------	------	1,062	400	102	560	------	16,921	15,067	1,854	38,150	69
109	48,593	9	2,934	3	500	1,950	800	319	831	------	49,955	49,156	799	152,688	70
9	2,460	------	------	------	------	441	150	144	147	------	16,171	15,906	265	36,918	71
44	22,541	4	1,000	1	50	13,197	8,147	862	4,128	60	20,185	18,641	1,544	105,404	72
30	12,600	8	1,060	------	------	1,471	------	329	1,142	------	34,993	34,666	327	63,486	73
252	87,538	12	1,828	1	280	11,074	2,181	1,266	7,627	------	132,839	129,216	3,623	305,425	74
46	14,732	5	1,060	------	------	2,102	360	214	1,528	------	20,676	19,911	765	56,755	75
1,030	435,955	427	135,982	27	5,312	98,541	7,000	10,452	81,014	75	1,554,525	1,505,601	48,924	2,572,646	76
2,158	1,039,733	591	134,217	18	2,937	265,362	8,797	25,368	203,613	27,584	1,964,682	1,909,720	54,962	4,971,708	77

kindling wood, 1; lard, refined, 2; lasts, 2; mattresses and spring beds, 2; musical instruments, organs and materials, 2; musical instruments, pianos and materials, 1; needles and pins, 1; paints, 2; paper goods, not elsewhere specified, 2; paper hanging, 2; perfumery and cosmetics, 1; photographic materials, 1; pottery, terra cotta, and fire-clay products, 1; pumps, not including steam pumps, 1; refrigerators, 1; scales and balances, 2; sewing machine repairing, 1; ship and boat building, wooden, 2; shirts, 2; sporting goods, 2; sugar and molasses, refining, 1; surgical appliances, 1; window shades, 1; wool pulling, 2; worsted goods, 1.

TOWNS UNDER 20,000 IN POPULATION: 1900.

14,111	$6,776,287	3,386	$868,704	120	$20,229	$2,516,564	$209,020	$126,011	$1,962,591	$218,942	$14,779,810	$14,416,855	$362,955	$31,861,298	1
2,089	1,305,066	31	10,224	3	500	215,116	25,226	7,191	111,799	70,900	993,625	937,536	56,089	3,242,274	2
994	429,732	840	267,178	21	4,120	161,755	25,811	8,131	114,891	12,922	1,443,830	1,407,233	36,597	2,805,608	3
195	75,856	33	6,446	11	1,170	11,816	2,441	997	6,517	1,861	158,691	155,681	3,010	326,249	4
581	289,374	263	85,999	10	1,274	90,213	18,851	6,400	63,055	1,907	665,599	644,338	21,261	1,544,457	5
2,058	836,887	690	162,867	46	8,434	1,064,709	38,193	22,117	954,228	50,171	3,751,186	3,696,421	54,765	7,094,538	6
623	177,943	303	72,630	6	926	81,797	1,595	4,359	48,459	27,384	764,284	750,042	14,242	1,258,603	7
181	70,600	------	------	3	600	7,101	1,328	1,139	4,634	------	351,220	350,196	1,024	531,462	8
303	128,097	41	8,500	2	459	13,391	2,778	1,628	6,830	2,155	213,330	204,439	8,891	483,858	9
54	17,038	16	3,328	1	135	24,352	1,913	1,084	21,055	300	91,049	90,093	956	221,290	10
919	485,566	99	24,534	1	350	66,065	17,779	5,971	37,435	4,880	614,969	591,509	23,460	1,591,958	11
184	73,279	54	10,661	7	897	19,504	2,097	1,263	16,144	------	353,444	349,182	4,262	549,522	12
209	97,843	67	14,420	------	------	14,983	1,410	1,554	12,019	------	339,433	333,950	5,483	561,673	13
343	111,719	6	970	------	------	11,789	4,065	903	6,271	550	190,564	181,442	9,122	405,379	14
------	------	2	625	------	------	125	75	19	31	------	3,079	3,000	79	6,010	15
324	152,927	34	10,426	1	104	143,297	8,914	3,317	130,746	320	504,028	490,466	13,562	961,023	16
1,335	676,963	451	95,651	5	690	133,616	31,655	9,923	81,513	10,525	1,044,566	1,014,060	30,506	2,456,677	17
900	465,421	278	53,871	------	------	98,355	7,438	5,942	81,776	3,199	1,034,772	1,012,590	22,182	1,850,590	18
1,149	556,141	45	12,310	1	168	132,521	9,292	17,477	82,784	22,968	951,643	926,246	25,397	2,838,906	19
536	267,577	65	18,288	1	330	76,870	4,920	8,902	54,148	8,900	540,859	527,916	12,943	1,210,286	20
192	71,023	66	9,451	1	72	23,648	3,006	1,841	18,801	------	295,193	276,881	18,312	480,601	21
942	487,235	2	325	------	------	125,541	233	15,853	109,455	------	474,446	473,634	812	1,440,334	22

VIRGINIA.

Table 1 shows the manufacturing and mechanical industries of Virginia as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	8,248	5,915	5,710	5,933	5,385	4,740	39.4	3.6	[1]3.8	10.2	13.6
Capital	$103,670,988	$63,456,799	$26,968,990	$18,455,400	$26,935,560	$18,109,143	63.4	135.3	46.1	[1]31.5	48.7
Salaried officials, clerks, etc., number	4,198	[2]6,025	(3)	(3)	(3)	(3)	[1]30.3	-------	-------	-------	-------
Salaries	$3,846,072	[2]$3,827,920	(3)	(3)	(3)	(3)	0.5	-------	-------	-------	-------
Wage-earners, average number	72,702	53,566	40,184	26,974	36,174	29,110	35.7	33.3	49.0	[1]25.4	24.3
Total wages	$22,445,720	$15,816,930	$7,425,261	$5,343,099	$8,544,117	$5,434,476	41.9	113.0	39.0	[1]37.5	57.2
Men, 16 years and over	56,341	40,664	28,779	22,175	32,606	25,790	38.6	41.3	29.8	[1]32.0	26.4
Wages	$20,038,339	$14,019,080	(3)	(3)	(3)	(3)	42.9	-------	-------	-------	-------
Women, 16 years and over	12,197	9,655	6,144	2,259	3,568	3,320	26.3	57.1	172.0	[1]36.7	7.5
Wages	$1,963,999	$1,518,409	(3)	(3)	(3)	(3)	29.3	-------	-------	-------	-------
Children, under 16 years	4,164	3,247	5,261	2,540	(3)	(3)	28.2	[1]38.3	107.1	-------	-------
Wages	$443,382	$279,441	(3)	(3)	(3)	(3)	58.7	-------	-------	-------	-------
Miscellaneous expenses	$12,264,602	$7,421,087	(4)	(4)	(4)	(4)	65.3	-------	-------	-------	-------
Cost of materials used	$74,851,757	$50,148,285	$32,883,933	$23,832,384	$30,840,531	$18,101,131	49.3	52.5	38.0	[1]22.7	70.4
Value of products, including custom work and repairing	$132,172,910	$88,363,824	$51,780,992	$38,364,322	$50,652,124	$29,602,507	49.6	70.6	35.0	[1]24.3	71.1
Total population	1,854,184	1,655,980	1,512,565	1,225,163	1,596,318	1,421,661	12.0	9.5	23.5	[1]23.3	12.3
Wage-earners engaged in manufactures	72,702	53,566	40,184	26,974	36,174	29,110	35.7	33.3	49.0	[1]25.4	24.3
Per cent of total population	3.9	3.2	2.7	2.2	2.3	2.0	-------	-------	-------	-------	-------
Assessed value of real estate	[5]$316,563,279	$272,311,276	$233,601,599	$279,116,017	$417,952,228	$252,105,824	16.3	16.6	[1]16.3	[1]33.2	65.8
Value of land and buildings invested in manufactures[6]	$29,909,532	$16,614,283	(3)	(3)	(3)	(3)	80.0	-------	-------	-------	-------
Per cent of assessed value	9.4	6.1	-------	-------	-------	-------	-------	-------	-------	-------	-------

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[3] Not reported separately.
[4] Not reported.
[5] As given for the year 1900 in Dana's supplement, "State and City," to the Commercial and Financial Chronicle, under date of April 13, 1901.
[6] Does not include value of rented property.

Although Virginia is an agricultural state, Table 1 shows that there has been a considerable growth in its manufacturing and mechanical industries during the half century. The population during these years increased from 1,421,661 to 1,854,184, or 30.4 per cent, while the average number of wage-earners employed in manufacturing establishments increased from 29,110 to 72,702, or 149.7 per cent, embracing, in 1900, 3.9 per cent of the entire population, compared with 2 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 100,033, or 5.4 per cent of the total population of the state. Measured by the value of products, the greatest percentage of increase, 71.1, was during the decade ending with 1860, although the greatest absolute increase, $43,809,086, was between the years 1890 and 1900. The decrease shown for the decade, 1860 to 1870, is due in part to the setting off of West Virginia from Virginia, December 31, 1862.

The iron mines, forests, and tobacco and cotton fields of the state of Virginia furnish abundant raw materials for manufactures. Its waterpower is extensive, and has been developed largely at Fredericksburg and at Petersburg, and more especially at Richmond, where a 5,000-horsepower plant was erected recently. The best of steam coal is found in large quantities in the Pocahontas field in the western part of the state, while the Potomac, Rappahannock, James, and York rivers, navigable for 352 miles, together with the 70 miles of sheltered coast line along Chesapeake Bay, afford facilities for the cheap shipment of products to domestic and foreign markets. Manufactures during the last decade were greatly stimulated by the development of railways, the mileage having increased from 2,821 miles in 1889 to 3,684 miles in 1899.[1] Industrial education is afforded by the Virginia Agricultural and Mechanical College and Hampton Institute.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for a governmental establishment, educational, eleemosynary, and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

[1] Interstate Commerce Commission: Statistics of Railways, 1889, page 11; and 1899, page 12.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	12,177	$111,035,752	13,552	76,003	$24,157,337	$12,338,124	$75,916,354	$34,182,219	$36,654,262	$5,079,873	$135,593,412
Hand trades [1]	2,623	3,246,850	2,954	6,191	2,346,773	1,259,304	4,879,770	59,919	4,705,231	114,620	11,319,905
Governmental establishment	1	6,380,867	--------	2,094	1,659,214	4,625	764,558	----------	737,498	27,060	2,498,553
Educational, eleemosynary, and penal institutions	6	22,643	1	53	10,917	80	16,866	220	16,188	458	41,630
Establishments with a product of less than $500	3,922	961,254	4,130	1,154	41,486	68,817	283,173	87,230	195,943	----------	880,319
All other establishments	5,625	100,424,138	6,467	66,511	20,098,947	11,005,298	69,971,987	34,034,850	30,999,402	4,937,735	120,853,005

[1] Includes bicycle and tricycle repairing, 63; blacksmithing and wheelwrighting, 889; boots and shoes, custom work and repairing, 283; carpentering, 284; clothing, men's, custom work and repairing, 164; clothing, women's, dressmaking, 128; dyeing and cleaning, 27; furniture, cabinetmaking, repairing, and upholstering, 91; lock and gun smithing, 21; masonry, brick and stone, 56; millinery, custom work, 167; painting, house, sign, etc., 118; paper hanging, 28; plastering and stuccowork, 27; plumbing, and gas and steam fitting, 117; sewing machine repairing, 5; taxidermy, 1; typewriter repairing, 3; watch, clock, and jewelry repairing, 151.

Of the 12,177 establishments of all classes shown in this table, 6,545, or 53.7 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $12,200,224, or only 9 per cent of the total value of the products of the state.

In addition to the 12,177 active establishments in the state during the census year, with a capital of $111,035,752, shown in Table 2, there were 112 idle establishments, with a capital of $1,884,479, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Brick and tile	19	$156,174	Patent medicines and compounds	1	$37,000
Carriages and wagons	2	30,400	Pottery, terra cotta, and fire-clay products	4	69,750
Chemicals	1	78,000	Roofing and roofing materials	1	40,800
Flouring and grist mill products	16	14,545	Tobacco, chewing, smoking, and snuff	2	17,500
Iron and steel	9	1,295,162	Woolen goods	1	36,000
Leather, tanned, curried, and finished	3	36,500	Zinc, smelting and refining	1	17,500
Lumber and timber products	22	28,035	All other industries	27	10,813
Lumber, planing mill products, including sash, doors, and blinds	3	16,300			

TABLE 3.—COMPARATIVE SUMMARY OF TEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	3,634	$54,074,182	37,833	$11,243,302	$8,515,553	$47,988,020	$79,657,265
	1890	2,445	38,078,712	32,256	8,440,187	5,951,212	36,125,779	58,331,204
Increase, 1890 to 1900	--------	1,189	15,995,470	5,577	2,803,115	2,564,341	11,862,241	21,326,061
Per cent of increase	--------	48.6	42.0	17.3	33.2	43.1	32.8	36.6
Per cent of total of all industries in state	1900	44.1	52.2	52.0	50.1	69.4	64.1	60.3
	1890	41.3	60.0	60.2	53.4	80.2	72.0	66.0
Cars and general shop construction and repairs by steam railroad companies.	1900	28	1,733,389	4,922	2,452,195	45,406	3,531,283	6,277,279
	1890	8	583,022	1,643	833,254	.....	658,011	1,504,995
Fertilizers	1900	39	4,908,381	1,171	320,774	306,382	2,161,423	3,415,850
	1890	28	1,795,303	600	163,767	84,556	1,739,138	2,475,638
Flouring and grist mill products	1900	1,726	4,682,688	790	328,893	145,014	10,514,361	12,687,267
	1890	1,179	5,498,057	1,475	383,454	279,669	9,849,144	11,716,356
Foundry and machine shop products	1900	80	6,963,491	2,912	1,340,143	158,129	2,665,062	4,833,137
	1890	59	3,238,122	1,971	914,318	129,639	1,206,227	2,739,695
Iron and steel	1900	20	6,686,696	3,097	980,587	248,314	5,498,672	8,341,888
	1890	21	5,655,993	3,010	1,117,452	373,749	4,404,452	6,326,084
Leather, tanned, curried, and finished	1900	65	4,032,387	889	313,677	252,548	3,695,817	4,716,920
	1890	82	945,014	401	121,078	48,156	805,487	1,224,800
Lumber and timber products	1900	1,341	9,299,046	7,611	2,144,382	327,615	6,763,831	12,137,177
	1890	663	4,427,627	5,973	1,244,633	237,389	2,926,474	5,630,600
Lumber, planing mill products, including sash, doors, and blinds	1900	88	1,618,158	1,333	467,962	163,314	1,625,501	2,686,898
	1890	65	1,586,966	1,136	444,743	82,994	1,252,291	2,350,281
Textiles: Total	1900	35	5,186,733	3,293	772,329	157,953	1,803,991	3,282,583
	1890	44	3,812,110	2,389	468,021	146,537	1,574,753	2,342,457
Cotton goods	1900	7	4,403,206	2,931	668,556	135,173	1,412,332	2,655,002
	1890	9	2,966,889	1,990	373,993	102,565	1,199,578	1,732,648
Woolen goods	1900	28	783,527	362	103,773	22,780	391,659	627,581
	1890	35	845,221	399	94,028	43,972	375,175	609,809

TABLE 3 —COMPARATIVE SUMMARY OF TEN LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Tobacco:								
Total	1900	212	$8,963,213	11,815	$2,122,360	$6,710,878	$9,728,079	$21,278,266
	1890	296	10,536,498	13,658	2,749,467	4,568,523	11,709,802	22,020,298
Chewing, smoking, and snuff	1900	69	5,728,357	6,061	1,082,226	4,069,746	4,082,291	10,707,766
	1890	93	6,840,276	9,769	1,841,151	3,337,634	4,825,432	11,804,813
Cigars and cigarettes	1900	89	780,261	2,595	586,115	2,480,961	1,192,583	4,843,641
	1890	102	1,809,416	2,259	604,837	1,048,290	1,463,878	3,727,842
Stemming and rehandling	1900	54	2,454,595	3,159	454,019	160,171	4,453,205	5,726,859
	1890	101	1,886,806	1,630	303,479	182,599	5,420,492	6,487,643

The 10 leading industries of the state in 1900, as shown in Table 3, embraced 3,634 establishments, or 44.1 per cent of the total number in the state; used a capital of $54,074,182, or 52.2 per cent of the total; gave employment to 37,833 wage-earners, or 52 per cent of the total number; and paid $11,243,302, or 50.1 per cent of the total wages. The value of their products was $79,657,265, or 60.3 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

Table 3 shows that the manufacture of tobacco is the most important industry in the state. The 212 establishments reported in 1900 gave employment to 11,815 wage-earners, or 16.3 per cent of the wage-earners employed in the state, and the products were valued at $21,278,266, or 16.1 per cent of the total value of the products of the state. In 1890 there were 296 establishments, 13,658 wage-earners, and products valued at $22,020,298. The decrease in the value of products during the decade was $742,032, or 3.4 per cent. The economic history of colonial Virginia is essentially a record of its tobacco culture. In 1619, 20,000 pounds of tobacco were exported, and in 1642 this staple was made the sole legal-tender currency in the colony.[1] Danville, Lynchburg, and Richmond are now among the largest tobacco markets in the United States, their combined sales in 1898 amounting to 11.1 per cent of the production of the country.[2] This abundant supply of raw material naturally caused the development of tobacco manufactures at an early date. At the census of 1810, 2,726,713 pounds of manufactured tobacco and snuff were reported. In 1899 the state ranked fifth in the manufacture of chewing and smoking tobacco.[3] During the last decade the value of products in this branch of the industry, including snuff, decreased from $11,804,813 to $10,707,766. The cigarette manufacture at Richmond began about 1874[4] and has had a steady growth. The climate is well suited to the handling of the tobacco leaf, and considerable quantities of Connecticut, Pennsylvania, and Havana leaf are brought into the state to be manufactured into cigars.[5]

The manufacture of flouring and grist mill products ranked second among the industries of the state in 1900, with 1,726 establishments, 790 wage-earners, and products valued at $12,687,267. In 1890 there were 1,179 establishments, 1,475 wage-earners, and products valued at $11,716,356. The increase in the value of products during the decade was $970,911, or 8.3 per cent. Flour and grist milling began in Virginia in 1621, when a windmill was built by Governor Yeardley.[6] The large wheat production of the state, 6,330,450 bushels in 1899,[7] has been for many years more than sufficient for local consumption, and large quantities of flour have been exported to the West Indies, South America, Africa, and Europe.[8] For many years it was believed that only Virginia flour could stand a tropical climate without detriment.

There were 1,341 establishments engaged in 1900 in the manufacture of lumber and timber products, the industry third in rank, with 7,611 wage-earners, and products valued at $12,137,177. In 1890 there were 663 establishments, 5,973 wage-earners, and products valued at $5,630,600. The increase in the value of products during the decade was $6,506,577, or 115.6 per cent. The forests of Virginia early attracted the attention of settlers, and in 1608, the year following the founding of Jamestown, one of the Virginia Company's ships returning to England carried a cargo of iron ore, cedar posts, and walnut boards.[9] Trained workmen were brought from Hamburg, and by 1630 sawmills were in operation.[10] In 1897 forests covered 23,400 square miles, or 58 per cent of the land area of the state.[11] Longleaf and loblolly pine constitute about 75 per cent of the standing timber of the state.[12] The mills which saw this timber are located chiefly near Norfolk and along the James River, and, in addition to the

[1] Money and Banking, by Horace White, page 39.
[2] Treasury Department: Monthly Summary of Commerce and Finance for October, 1901, page 1675. Yearbook of the Department of Agriculture, 1900, page 820.
[3] Treasury Department: Report of the Commissioner of Internal Revenue, 1900, page 40.
[4] Richmond, Its Trade, Commerce, and Manufactures, 1884; published by Land & Thompson, page 45.
[5] Richmond, Its Trade, Commerce, and Manufactures, page 45.
[6] Economic History of Virginia, by P. A. Bruce, Vol. II, page 487.
[7] Yearbook of the Department of Agriculture, 1899, page 766.
[8] Richmond, Its Trade, Commerce, and Manufactures, page 48.
[9] Tenth Census of the United States, Manufactures, folio 792.
[10] Economic History of Virginia, Vol. II, pages 430 and 491.
[11] United States Geological Survey: Forest Reserve, 1897–1898, page 13.
[12] Treasury Department: Monthly Summary of Commerce and Finance for November, 1900, page 1087.

local supply, use many logs brought by rail and canal from North Carolina. Hard wood timber products are manufactured chiefly among the oak, ash, and poplar forests in the western and northwestern counties. These forests are being rapidly exhausted. Large numbers of chestnut oaks are sacrificed annually for the tan-bark they furnish, while the finest white oak trees are selected for the manufacture of staves, and in many cases all but a few feet at the base of each is left to decay.

There were 20 establishments engaged in the manufacture of iron and steel in 1900, with 3,097 wage-earners, and products valued at $8,341,888. In 1890 there were 21 establishments, 3,010 wage-earners, and products valued at $6,326,084. The increase in the value of products during the decade was $2,015,804, or 31.9 per cent. In 1899 Virginia ranked fifth in the United States in the production of iron ore.[1] An abundance of this mineral, combined with a plentiful supply of fuel, has made the manufacture of iron one of the leading industries of the state for more than a century. The first attempt by Europeans to manufacture iron in America was made in Virginia in 1619 by skilled iron-makers, imported for the purpose, but the enterprise failed. It was not until some time between the years 1710 and 1723 that the first iron was manufactured in the colony.[2] Six mines were in operation in 1781, and in connection with 5 of these, 4,400 tons of pig iron and 600 tons of bar iron were made annually, while 2 forges manufactured bars from pig iron brought from Maryland.[3] Small quantities of pig iron were exported previous to that year.[4] The advance of the industry since that date was checked for a time by the exhaustion of the older mines, but the increase of transportation facilities has given access to deposits[5] in the western part of the state, where the manufacture is now chiefly carried on.

There were 28 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 4,922 wage-earners, and products valued at $6,277,279. In 1890 there were 8 establishments, 1,643 wage-earners, and products valued at $1,504,995. The increase in the value of products during the decade was $4,772,284, or 317.1 per cent. Fourteen of the railroads in Virginia have repair shops located at 21 different points in the state. In addition to general repair work, freight cars were built during the census year at Danville, Portsmouth, Richmond, and Roanoke, passenger cars at Portsmouth, and locomotives at Roanoke.

There were 80 establishments engaged in the manufacture of foundry and machine shop products in 1900, with 2,912 wage-earners, and products valued at $4,833,137. In 1890 there were 59 establishments, 1,971 wage-earners, and products valued at $2,739,695. The increase in the value of products during the decade was $2,093,442, or 76.4 per cent. The beginning of this industry in Virginia at an early date was a natural result of the local production of iron and the demand for machinery and repairs by the sawmills and flouring mills. In 1850 there were 42 foundries in the state and 20 other establishments employing machinists and millwrights, with combined products valued at $849,291. One establishment, at Richmond, achieved a national reputation by making the engines and boilers for the United States steam frigates Roanoke and Colorado.[6] Several establishments in tobacco manufacturing centers make a specialty of tobacconists' tools and machinery.[7] In connection with the development of the iron industries, attention may be called to the large iron and steel shipbuilding operations at Newport News and Richmond. But as there were only 2 establishments in the state in 1900, the statistics can not be separately shown.

There were 65 establishments engaged in the tanning, currying, and finishing of leather in 1900, with 889 wage-earners, and products valued at $4,716,920. In 1890 there were 82 establishments, 401 wage-earners, and products valued at $1,224,800. The increase in the value of products during the decade was $3,492,120, or 285.1 per cent. This is a much larger absolute increase than has ever taken place before in the history of this industry in Virginia. Its importance is due largely to the abundance of oak timber which supplies the bark for tanning. The largest operations are in the mountainous counties in the western part of the state. As early as 1810 there were 442 tanneries located in 15 counties of the state, and a product of 273,829 hides was reported.

There were 39 establishments engaged in the manufacture of fertilizers in 1900, with 1,171 wage-earners, and products valued at $3,415,850. In 1890 there were 28 establishments, 600 wage-earners, and products valued at $2,475,638. The increase in the value of products during the decade was $940,212, or 38 per cent. The importance of this industry in Virginia is largely due to the great demand for fertilizers to replenish the soil, exhausted by the large tobacco crops. There were only 3 establishments reported in 1860, with products valued at $224,200, or 25.2 per cent of the value of all fertilizers produced in the United States in that year.

There were 35 establishments engaged in the manufacture of textiles in 1900, with 3,293 wage-earners, and products valued at $3,282,583. In 1890 there were 44 establishments, 2,389 wage-earners, and products valued at $2,342,457. The increase in the value of products during the decade was $940,126, or 40.1 per cent. Cotton spinning and weaving as a household industry was common in Virginia as early as 1685,[8] but cotton manufacturing has assumed importance only during the last quarter of a century with the development of the waterpower of the Virginia Piedmont district. Practically all the cotton manufacturing carried on in 1900 was in this region, water supplying more than three-fifths of the power used. Sheet-

[1] United States Geological Survey: Mineral Resources of the United States, 1899; Metallic Products, Coal, and Coke, page 34.
[2] Tenth Census of the United States, Manufactures, folios 792 and 828.
[3] Notes of the State of Virginia, by Thomas Jefferson: John Stockdale, Pub., London, 1787, page 41.
[4] Ibid., page 277.
[5] Tenth Census of the United States, Manufactures, folio 831.
[6] Iron in All Ages, by J. M. Swank, page 270.
[7] Richmond, Its Trade, Commerce, and Manufactures, page 47.
[8] Economic History of Virginia, Vol. II, page 460.

ings and shirtings were the most important products, though considerable quantities of drills, duck, and fancy-woven fabrics were also reported. Woolen goods have been manufactured in Virginia since 1646,[1] and the industry is now carried on in more than 12 different localities, chiefly in the Piedmont and Alpine regions.

There were 88 establishments engaged in the manufacture of planing mill products in 1900, with 1,333 wage-earners, and products valued at $2,686,898. In 1890 there were 65 establishments, 1,136 wage-earners, and products valued at $2,350,281. The increase in the value of products during the decade was $336,617, or 14.3 per cent.

[1] Economic History of Virginia, Vol. II, page 460.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Norfolk, Petersburg, and Richmond, as returned at the censuses of 1890 and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, NORFOLK, PETERSBURG, AND RICHMOND, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	Wage-earners.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
The State	1900	8,248	$103,670,988	72,702	$22,445,720	$12,264,602	$74,851,757	$132,172,910
	1890	5,915	63,456,799	53,566	15,816,930	7,421,087	50,148,285	88,363,824
Per cent of increase		39.4	63.4	35.7	41.9	65.3	49.3	49.6
Norfolk	1900	445	6,425,099	4,334	1,571,229	701,597	5,283,975	9,397,355
	1890	374	3,417,454	2,391	1,016,390	265,675	2,542,790	5,100,408
Per cent of increase		19.0	88.0	81.3	54.6	164.1	107.8	84.2
Petersburg	1900	225	3,960,987	4,730	1,043,550	658,689	3,747,656	6,464,464
	1890	271	3,911,240	5,108	1,128,551	834,420	4,384,462	7,167,004
Per cent of increase		[1]17.0	1.3	[1]7.4	[1]7.5	[1]21.1	[1]14.5	[1]9.8
Richmond	1900	763	20,848,620	16,692	5,181,659	6,158,301	13,161,697	28,900,616
	1890	966	16,785,242	16,891	5,753,863	3,290,170	14,014,214	27,792,672
Per cent of increase		[1]21.0	24.2	[1]1.2	[1]9.9	87.2	[1]6.1	4.0
Total for 3 cities	1900	1,433	31,234,706	25,756	7,796,438	7,518,587	22,193,328	44,762,435
	1890	1,611	24,113,936	24,390	7,898,804	4,390,265	20,941,466	40,060,084
Per cent of increase		[1]11.0	29.5	5.6	[1]1.3	71.3	6.0	11.7
Per cent of 3 cities to total for state	1900	17.4	30.1	35.4	34.7	61.3	29.6	33.9
	1890	27.2	38.0	45.5	49.9	59.2	41.8	45.3

[1] Decrease.

It appears from Table 4 that there has been an increase during the past decade in the combined manufactures of these 3 cities. Although the number of establishments decreased from 1,611 to 1,433, or 11 per cent, the average number of wage-earners increased from 24,390 to 25,756, or 5.6 per cent; and the value of products from $40,060,084 to $44,762,435, or 11.7 per cent. The city of Norfolk shows the greatest growth, as measured by the value of products, which increased from $5,100,408 in 1890 to $9,397,355 in 1900, or 84.2 per cent. In Richmond, the leading manufacturing city in the state, the value of products increased during the decade from $27,792,672 to $28,900,616, or 4 per cent, while the number of establishments decreased from 966 to 763, or 21 per cent, and the number of wage-earners from 16,891 to 16,692, or 1.2 per cent. The number of establishments, number of wage-earners, and value of products, in this city in 1900, constituted 9.3, 23, and 21.9 per cent, respectively, of the totals for the state.

Table 5 presents the totals for the manufacturing industries of the 23 cities and towns withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and towns, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	PRODUCTS.			POPULATION.		
				Average number.	Total wages.			Value.	Rank.	Per cent of total.	Total.	Rank.	Per cent of total.
Total for state	8,248	$103,670,988	9,421	72,702	$22,445,720	$12,264,602	$74,851,757	$132,172,910	-------	100.0	1,854,184	-------	100.0
Total for urban manufactures	2,972	69,446,494	3,333	51,552	16,558,765	10,603,359	47,579,277	88,354,963	-------	66.8	326,728	-------	17.6
Alexandria	172	1,779,334	196	1,065	443,024	282,115	788,671	1,890,383	9	1.4	14,528	9	0.8
Berkley	48	1,740,919	46	1,186	485,434	117,420	1,482,572	2,391,048	8	1.8	4,988	15	0.3
Bristol	56	860,211	63	746	241,380	38,056	579,654	1,092,628	14	0.8	4,579	16	0.2
Buena Vista	22	921,135	21	390	126,698	30,495	1,063,877	1,477,150	13	1.1	2,388	22	0.1
Charlottesville	79	827,234	87	487	153,857	43,938	387,690	858,144	17	0.7	6,449	12	0.3
Danville	139	5,832,258	185	5,143	1,040,820	678,040	5,187,771	8,103,484	3	6.1	16,520	8	0.9
Fredericksburg	62	759,614	70	552	147,726	29,369	454,411	810,242	18	0.6	5,068	14	0.3
Hampton	40	189,377	43	217	110,352	57,477	315,196	578,486	22	0.4	2,764	21	0.1
Harrisonburg	55	521,573	66	244	78,553	30,187	458,558	682,654	21	0.5	3,521	18	0.2
Lexington	26	49,658	30	51	16,039	7,524	28,874	77,564	23	0.1	3,203	20	0.2
Lynchburg	168	3,445,557	214	2,452	731,206	684,713	2,331,380	4,503,037	7	3.4	18,891	6	1.0
Manchester	36	763,043	39	923	372,809	56,641	1,178,131	1,746,192	11	1.3	9,715	10	0.5
Martinsville	22	461,780	27	810	110,131	304,280	262,233	781,286	19	0.6	2,384	23	0.1
Newport News	123	14,999,735	133	5,675	2,556,938	297,411	3,369,545	6,976,670	4	5.3	19,635	5	1.1
Norfolk	445	6,425,099	523	4,334	1,571,229	701,597	5,283,975	9,397,355	2	7.1	46,624	2	2.5
Petersburg	225	3,960,987	242	4,730	1,043,550	658,689	3,747,656	6,464,464	5	4.9	21,810	3	1.2
Portsmouth	103	1,179,144	111	1,154	483,763	95,644	968,752	1,854,997	10	1.4	17,427	7	0.9
Richmond	763	20,848,620	801	16,692	5,181,659	6,158,301	13,161,697	28,900,616	1	21.9	85,050	1	4.6
Roanoke	120	2,057,754	129	2,688	1,178,542	122,145	3,730,926	5,709,817	6	4.3	21,495	4	1.2
Salem	40	421,473	53	181	68,315	82,510	533,254	768,435	20	0.6	3,412	19	0.2
Staunton	89	438,270	103	316	90,715	41,727	622,142	900,750	15	0.7	7,289	11	0.4
Suffolk	67	402,079	73	881	197,849	48,979	1,060,006	1,499,068	12	1.1	3,827	17	0.2
Winchester	72	561,640	78	635	128,176	36,101	582,306	890,493	16	0.7	5,161	13	0.3
Total for state exclusive of urban manufactures	5,276	34,224,494	6,088	21,150	5,886,955	1,661,243	27,272,480	43,817,947	-------	33.2	1,527,456	-------	82.4
Per cent of urban manufactures to total for state	36.0	67.0	35.4	70.9	73.8	86.5	63.6	66.8	-------	-------	17.6	-------	-------

Of the 8,248 establishments in the state, 2,972, or 36 per cent, were located in these 23 cities and towns. They furnished employment to 51,552 wage-earners, or 70.9 per cent of the total for the state, and the value of their products, $88,354,963, formed 66.8 per cent of the total for the state.

Table 6 shows the totals for the entire state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Norfolk, Petersburg, Richmond, and Roanoke by specified industries.

Table 9 shows the totals for all industries in the cities and towns withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

	Counties and cities.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
1	The State	8,248	$103,670,988	$12,697,782	$17,211,750	$26,965,985	$46,795,471	9,421	4,198	$3,846,072	72,702	$22,445,720
2	Accomac	103	266,682	51,995	29,360	73,367	111,960	131	26	5,650	326	81,076
3	Albemarle	72	278,774	66,448	63,473	80,493	68,360	78	15	19,675	430	129,078
4	Alexandria	20	1,385,767	374,997	356,022	264,331	390,417	15	49	48,103	477	171,572
5	Alexandria city	172	1,779,334	171,820	364,772	532,416	710,326	196	104	79,728	1,065	443,024
6	Alleghany	64	3,665,465	152,170	1,010,617	1,146,106	1,356,572	60	47	64,765	1,003	411,380
7	Amelia	26	144,715	6,115	21,405	27,067	90,128	30	1	300	108	18,289
8	Amherst	35	115,060	6,867	25,183	37,020	45,990	36	5	3,480	50	15,196
9	Appomattox	23	59,035	8,120	15,520	25,725	9,670	23	1	1,200	36	9,622
10	Augusta	155	801,078	56,460	195,411	220,191	329,016	165	14	10,775	541	138,376
11	Bath	19	29,440	10,225	3,780	13,235	2,200	21	------	------	16	3,877
12	Bedford	109	616,148	140,775	86,960	187,520	200,893	114	28	19,107	321	89,020
13	Bland	19	27,325	2,568	7,980	12,152	4,625	30	------	------	7	1,630
14	Botetourt	98	412,539	40,105	148,243	86,510	137,681	116	12	5,610	381	81,332
15	Bristol city	56	860,211	146,755	241,783	200,594	271,079	63	57	38,501	746	241,380
16	Brunswick	52	196,152	32,746	35,165	64,733	63,508	58	12	8,175	193	71,563
17	Buchanan	10	96,350	36,650	1,850	18,600	39,250	14	5	1,500	58	16,180
18	Buckingham	53	536,359	163,343	67,245	88,708	217,063	51	11	6,825	435	102,572
19	Buena Vista city	22	921,135	8,200	191,415	330,718	390,802	21	24	33,388	390	126,698
20	Campbell	51	278,907	60,145	81,435	89,310	48,017	58	13	8,700	226	71,923
21	Caroline	69	199,570	42,525	17,015	77,455	62,575	84	14	4,900	232	57,042
22	Carroll	97	129,013	49,496	19,192	47,555	12,770	139	------	------	45	10,241
23	Charles City	13	40,097	6,962	4,250	14,685	14,200	16	3	1,260	45	11,700
24	Charlotte	81	252,335	12,635	14,305	33,045	192,350	42	3	1,200	121	21,442
25	Charlottesville city	79	827,234	75,436	121,417	186,767	443,614	87	55	56,708	487	153,857
26	Chesterfield	83	633,162	139,372	63,753	195,226	234,811	100	22	12,468	546	167,423
27	Clarke	44	87,175	16,395	14,195	24,000	32,585	43	5	1,650	64	19,940
28	Craig	21	33,807	3,250	8,100	13,950	8,507	26	------	------	11	2,728
29	Culpeper	71	169,997	24,956	41,308	56,213	47,520	81	8	4,680	105	27,621
30	Cumberland	19	32,780	2,265	7,425	21,040	2,050	21	------	------	24	5,393
31	Danville city	139	5,832,258	158,924	664,914	1,804,078	3,204,342	185	248	182,695	5,143	1,040,820
32	Dickenson	17	40,180	10,815	1,800	22,725	4,840	23	------	------	34	8,780
33	Dinwiddie	64	330,725	133,420	15,525	101,875	79,905	78	5	3,400	402	106,308
34	Elizabeth City	54	249,785	28,300	26,600	42,547	152,338	58	19	11,444	396	145,862
35	Essex	28	57,615	6,050	11,800	19,250	20,515	33	4	375	73	10,475
36	Fairfax	64	241,657	23,275	27,710	63,200	127,472	72	7	3,017	168	63,460
37	Fauquier	107	193,871	26,672	40,069	53,607	73,523	111	8	340	92	26,372
38	Floyd	96	100,802	15,100	21,785	45,198	18,719	126	1	150	35	8,430
39	Fluvanna	32	87,464	3,045	10,175	14,339	9,905	34	4	371	23	6,339
40	Franklin	111	158,703	15,244	30,267	81,567	31,625	143	10	2,940	123	29,942
41	Frederick	75	182,722	18,419	46,815	57,030	60,458	87	9	4,300	130	32,234
42	Fredericksburg city	62	759,614	45,050	164,772	204,754	345,038	70	43	32,209	552	147,726
43	Giles	43	747,208	42,778	58,395	47,370	598,665	55	9	5,800	207	65,347
44	Gloucester	24	98,670	40,265	5,290	27,380	25,735	25	------	------	72	22,020
45	Goochland	22	61,958	7,150	13,695	26,495	14,618	28	2	1,260	83	12,985
46	Grayson	64	91,409	8,754	20,795	41,625	20,235	81	2	1,200	33	8,591
47	Greene	17	22,842	1,433	7,076	9,813	4,520	17	------	------	10	2,445
48	Greenesville	18	150,670	42,315	20,200	61,750	26,405	17	21	12,662	239	68,473
49	Halifax	120	340,393	30,861	62,870	101,126	145,536	134	17	14,990	360	96,137
50	Hanover	59	168,884	45,807	20,205	65,090	37,782	63	8	4,370	156	37,745
51	Henrico	34	325,770	53,370	68,275	128,752	75,373	36	18	21,841	174	52,490
52	Henry	59	706,675	16,385	79,425	103,750	507,115	73	63	46,660	1,087	160,219
53	Highland	34	61,926	2,616	16,805	25,079	17,426	44	------	------	35	8,242
54	Isle of Wight	20	184,717	22,645	21,422	35,596	105,054	22	13	12,160	216	42,738
55	James City [1]	15	73,805	18,660	8,725	22,100	24,320	19	3	1,590	62	15,993
56	King and Queen	29	29,827	2,152	6,355	18,760	2,560	29	------	------	35	7,885
57	King George	12	10,575	1,675	2,375	3,650	2,875	14	------	------	19	3,922
58	King William	34	77,050	10,985	11,450	33,295	21,320	42	2	500	82	19,775
59	Lancaster	28	87,205	2,580	18,560	45,560	20,505	31	6	3,450	139	31,311
60	Lee	56	94,840	5,915	15,445	40,095	33,385	72	5	1,250	92	23,394
61	Loudoun	164	351,257	25,957	79,350	104,402	141,548	197	1	360	179	52,204
62	Louisa	40	60,862	7,675	9,203	26,426	17,558	40	2	600	51	11,023
63	Lunenburg	21	27,989	1,976	8,100	14,415	3,498	22	1	240	11	2,760
64	Lynchburg city	168	3,445,557	159,938	434,951	1,199,849	1,650,819	214	111	109,247	2,452	731,206
65	Madison	67	99,514	16,625	17,125	36,275	29,489	72	------	------	59	15,181
66	Manchester city	36	763,043	51,100	185,139	211,667	315,137	39	63	56,089	923	372,809
67	Mathews	21	32,210	1,830	4,575	8,940	16,865	26	------	------	47	12,302
68	Mecklenburg	51	197,527	18,557	27,516	46,865	104,589	68	4	2,850	125	35,749
69	Middlesex	20	42,088	14,500	7,650	8,885	11,053	26	1	780	26	8,037
70	Montgomery [2]	60	542,418	80,350	237,685	129,980	94,403	65	19	19,789	336	100,910
71	Nansemond	115	555,071	49,232	69,959	161,880	274,000	122	41	27,705	1,121	246,243
72	Nelson	55	177,917	24,970	51,940	74,635	26,372	62	4	4,100	227	49,084
73	New Kent	9	21,336	1,595	2,125	12,516	5,100	12	------	------	38	9,187
74	Newport News city	123	14,999,735	1,953,982	3,239,616	1,672,219	8,133,918	133	144	214,117	5,675	2,556,938
75	Norfolk	111	3,802,084	1,208,576	399,130	840,373	1,354,005	106	173	176,071	3,657	1,076,244
76	Norfolk city	445	6,425,099	506,425	685,162	2,025,063	3,208,449	523	333	266,227	4,334	1,571,229

[1] Includes totals for the city of Williamsburg.

[2] Includes totals for the city of Radford.

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
56,341	$20,038,339	12,197	$1,963,999	4,164	$443,382	$12,264,602	$697,016	$499,159	$9,872,939	$1,195,488	$74,851,757	$71,649,994	$3,201,763	$132,172,910	1
260	74,124	53	5,521	13	1,431	7,488	2,043	968	4,252	225	220,804	218,959	1,845	407,834	2
428	128,968			2	110	21,238	593	2,258	18,327	60	198,750	186,922	11,828	449,450	3
460	169,935			17	1,637	86,902	516	3,415	82,971		368,834	329,058	39,776	820,221	4
947	421,000	99	20,565	19	1,459	282,115	12,419	9,810	248,983	10,903	788,671	764,783	23,888	1,890,383	5
967	406,238	11	2,220	25	2,922	118,001	15,884	10,075	91,992	50	2,573,626	1,908,992	664,634	3,839,649	6
105	17,989	3	300			2,681	386	889	1,206	200	148,594	147,729	865	205,827	7
46	14,596	4	600			4,416	1,584	571	2,261		198,433	198,045	388	259,157	8
32	8,839	2	567	2	216	1,284	175	261	848		73,717	73,212	505	125,538	9
522	136,277	6	902	13	1,197	33,404	1,811	3,660	25,363	2,570	791,474	782,181	9,293	1,201,848	10
16	3,877					744	120	198	401	25	31,935	31,821	114	46,338	11
218	74,914	87	12,018	16	2,088	151,607	1,524	2,257	139,826	8,000	369,859	361,677	8,182	814,395	12
6	1,524			1	106	6,896	6,574	189	83	50	39,025	38,761	264	54,685	13
235	68,953	101	9,606	45	2,773	4,889	402	2,164	2,263	60	410,525	361,057	49,468	672,527	14
712	236,383	20	3,160	14	1,837	88,056	6,159	7,585	24,312		579,654	542,095	37,559	1,092,628	15
190	70,995	2	390	1	178	7,224	1,107	1,087	5,030		155,675	152,809	2,866	280,170	16
58	16,180					3,020	479	260	2,281		62,006	61,876	130	108,482	17
384	96,968	7	1,200	44	4,404	13,252	2,579	2,520	8,128	25	183,418	172,787	10,631	388,942	18
353	118,706	37	7,992			30,495	1,204	2,606	26,685		1,063,877	888,689	175,188	1,477,150	19
221	71,059			5	864	9,900	2,026	927	6,947		163,007	135,648	27,359	324,873	20
227	56,418			5	624	6,911	246	900	5,765		176,153	175,763	390	335,710	21
44	9,991			1	250	1,355	279	559	467	50	120,655	120,490	165	194,187	22
45	11,700					892	25	239	628		32,867	32,722	145	63,984	23
88	18,492	25	2,100	13	850	4,049	842	562	1,645	1,000	253,025	251,955	1,070	341,202	24
346	126,237	139	27,420	2	200	43,938	7,895	3,203	27,840	5,000	387,690	378,977	8,713	858,144	25
493	161,203	48	5,690	5	530	25,280	1,035	2,383	21,862		575,196	555,360	19,836	1,046,686	26
59	19,090	5	850			4,928	833	405	1,690	2,000	82,694	81,369	1,325	143,888	27
9	2,570	2	158			1,076	36	203	837		41,668	41,558	110	59,126	28
93	25,836	7	1,335	5	450	9,025	2,058	1,103	5,864		171,525	169,598	1,927	262,723	29
24	5,393					587	150	231	206		52,463	52,208	255	80,828	30
2,605	684,069	1,585	253,268	953	103,483	678,040	54,691	46,345	566,684	10,320	5,187,771	5,142,501	45,270	8,103,484	31
34	8,780					1,250	681	224	345		47,058	46,801	257	72,433	32
400	105,908	1	250	1	150	4,896	158	1,001	3,737		328,703	326,906	1,797	596,139	33
289	136,602	77	6,840	30	2,420	70,615	8,731	912	12,772	48,200	376,008	369,777	6,231	720,921	34
38	8,875	27	1,510	8	90	1,526	136	374	1,016		60,254	59,727	527	104,623	35
134	58,241	4	291	30	4,928	9,076	687	662	7,727		152,211	143,711	8,500	298,599	36
75	23,482	13	2,650	4	240	10,589	1,961	1,305	7,323		194,424	191,583	2,841	301,076	37
29	7,775			6	655	2,870	312	624	1,879	55	131,843	131,285	558	195,763	38
19	6,032			4	307	1,790	227	149	1,414		36,172	35,909	263	58,472	39
110	28,485	5	762	8	696	5,495	647	1,149	3,599	100	193,980	193,412	568	295,939	40
105	29,741	15	1,495	10	998	14,423	1,047	812	12,564		185,201	181,857	3,344	293,841	41
383	123,662	138	20,746	31	3,318	29,369	5,191	3,251	20,677	250	454,411	440,973	13,438	810,242	42
206	65,197	1	150			59,728	1,713	1,716	56,299		624,776	623,298	1,478	825,160	43
72	22,020					2,466	25	485	1,956		91,975	91,722	253	156,585	44
72	12,015			11	970	1,699	20	354	1,325		68,121	67,825	296	105,967	45
25	7,224	3	800	5	567	2,401	135	384	1,012	870	120,272	119,759	513	164,245	46
10	2,445					432	18	114	300		27,170	27,105	65	37,165	47
206	63,177	18	2,996	15	2,300	4,307	301	602	3,404		174,041	172,946	1,095	300,563	48
297	87,010	44	6,895	19	2,232	14,505	2,463	1,447	10,445	150	388,382	384,303	4,079	717,396	49
128	33,595	14	2,550	14	1,600	3,263	287	1,178	1,798		174,343	173,874	469	278,409	50
150	48,371	16	3,219	8	900	54,164	387	1,657	51,920	200	159,353	151,799	7,554	361,901	51
575	120,741	170	16,713	342	22,765	441,117	4,151	5,997	430,969		492,702	485,464	7,238	1,249,966	52
31	7,847	4	395			925	354	221	350		66,378	66,001	377	96,945	53
105	30,738	111	12,000			15,461	1,035	757	13,669		776,548	774,333	2,215	983,215	54
61	15,873			1	120	1,424	20	292	1,112		23,435	21,390	2,045	58,275	55
35	7,885					257	45	197	15		50,167	50,001	166	83,499	56
13	3,205	4	585	2	132	766	400	71	295		24,018	23,827	191	35,826	57
75	19,330	6	325	1	120	1,387	235	648	504		105,509	105,162	347	173,324	58
124	30,461	10	600	5	250	6,833	121	814	5,898		106,799	101,361	5,438	185,022	59
88	22,954			4	440	1,725	336	496	893		135,072	134,559	513	208,843	60
172	51,180	3	510	4	514	12,935	2,599	1,970	6,816	1,550	433,349	424,538	8,811	638,136	61
48	10,723			3	300	1,193	27	313	853		72,499	72,247	252	110,006	62
11	2,760					3,614		226	3,388		48,197	48,085	112	66,726	63
1,822	648,504	446	76,551	184	12,151	684,713	32,644	12,021	563,998	76,050	2,331,380	2,270,192	61,188	4,503,037	64
55	14,611	1	145	3	425	5,601	255	493	4,853		98,404	97,416	988	160,634	65
781	343,643	114	24,475	28	4,691	56,641	6,374	3,857	43,410	3,000	1,178,131	1,153,486	24,645	1,746,192	66
47	12,302					1,281	125	119	1,037		26,357	26,101	256	61,780	67
123	35,449	1	200	1	100	6,852	370	906	5,576		203,346	202,321	1,025	328,330	68
26	8,037					2,429	201	255	673	1,300	60,227	59,886	341	102,315	69
324	99,401	3	520	9	989	8,741	1,195	2,181	5,361	4	529,670	428,771	100,899	789,076	70
667	200,300	267	32,010	187	13,933	55,142	11,362	2,038	41,742		1,195,337	1,184,051	11,286	1,744,504	71
227	49,084					4,460	338	722	3,400		114,688	109,412	5,276	228,039	72
38	9,187					274		114	160		35,846	35,846		71,120	73
5,303	2,503,294	49	10,068	323	43,576	297,411	21,407	12,914	200,990	62,100	3,369,545	3,275,344	94,201	6,976,670	74
3,341	1,025,101	261	43,222	55	7,921	253,047	22,643	13,573	171,581	45,250	3,678,115	3,638,811	39,304	5,798,635	75
3,206	1,376,071	1,023	180,972	105	14,186	701,597	107,723	39,827	304,594	249,453	5,283,975	5,178,011	105,964	9,397,355	76

TABLE 6.—MANUFACTURES

	Counties and cities and manufacturing and mechanical industries.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
77	Northampton	34	$179,741	$32,630	$15,245	$58,797	$73,069	42	7	$4,623	201	$76,658
78	Northumberland	52	232,885	12,205	28,575	139,848	52,257	63	18	6,355	332	82,410
79	Nottoway	39	188,681	10,530	44,040	72,555	61,556	41	17	12,265	217	84,560
80	Orange	51	117,751	18,470	25,200	37,036	37,045	63	3	959	47	14,440
81	Page	85	1,367,951	24,127	94,046	114,120	1,135,658	104	28	34,610	441	168,115
82	Patrick	74	185,005	42,566	11,815	50,369	80,255	80	6	3,863	81	20,806
83	Petersburg city	225	3,960,987	141,387	595,774	1,153,793	2,070,033	242	251	227,544	4,730	1,043,550
84	Pittsylvania	96	221,838	16,758	40,901	83,750	80,429	109	5	2,560	150	34,946
85	Portsmouth city	103	1,179,144	64,500	147,589	228,939	738,116	111	107	82,636	1,154	483,763
86	Powhatan	27	399,726	36,135	146,724	99,891	116,976	26	13	14,284	180	42,331
87	Prince Edward	45	118,777	6,932	16,560	40,850	54,435	50	7	5,220	83	20,100
88	Prince George	22	98,173	14,555	12,657	38,849	32,112	22	8	6,930	103	25,090
89	Princess Anne	20	85,991	9,021	3,885	16,960	56,125	24	2	1,300	55	13,139
90	Prince William	48	123,249	18,183	23,577	40,993	40,496	61	2	1,080	66	23,352
91	Pulaski	60	1,958,793	195,321	604,119	164,679	994,674	74	49	64,928	651	206,694
92	Rappahannock	59	98,168	9,643	15,322	24,012	49,191	62	1	650	39	11,199
93	Richmond	35	132,278	28,980	7,400	22,858	73,040	47	11	11,693	106	29,645
94	Richmond city	763	20,848,620	2,252,946	2,377,697	6,164,891	10,053,086	801	1,166	1,266,270	16,692	5,181,659
95	Roanoke	60	503,841	8,792	92,545	102,825	299,679	73	15	13,760	212	76,372
96	Roanoke city	120	2,057,754	90,160	612,890	527,648	827,056	129	205	169,317	2,688	1,178,542
97	Rockbridge	98	561,553	53,608	272,631	138,407	96,907	115	24	15,392	268	63,354
98	Rockingham	227	1,241,482	131,901	235,115	295,308	579,158	266	53	34,897	566	164,993
99	Russell	75	145,258	8,711	24,653	58,689	53,205	84	3	1,270	87	28,748
100	Scott	89	243,284	71,382	20,850	75,805	75,247	95	7	3,560	188	58,425
101	Shenandoah	144	358,791	24,757	97,215	109,222	127,597	172	8	7,025	182	53,781
102	Smyth	66	3,164,573	1,649,695	403,784	804,396	306,698	84	9	5,440	812	262,372
103	Southampton	41	218,404	84,328	11,290	43,870	78,916	43	6	3,672	241	54,389
104	Spottsylvania	31	134,788	15,095	12,480	30,158	77,055	32	3	960	71	20,465
105	Stafford	22	28,448	3,266	3,463	14,997	6,722	26	------	------	33	8,612
106	Staunton city	89	438,270	46,827	50,862	111,775	228,806	103	15	10,263	316	90,715
107	Surry	29	861,076	258,164	95,190	171,275	336,447	33	11	14,720	396	112,903
108	Sussex	40	158,847	28,452	12,395	63,285	54,715	51	15	5,760	326	60,224
109	Tazewell	97	801,754	116,612	44,765	502,785	137,592	118	23	19,890	333	135,647
110	Warren	57	164,915	12,165	30,890	58,305	63,555	60	10	6,240	114	32,024
111	Warwick	5	10,950	675	2,150	4,325	3,800	6	------	------	27	6,975
112	Washington	125	318,591	49,705	41,036	118,105	109,745	152	10	6,445	273	71,121
113	Westmoreland	38	89,088	21,295	11,958	27,690	28,145	46	4	265	122	22,850
114	Winchester city	72	561,640	32,910	102,272	140,554	285,904	78	42	27,325	635	128,176
115	Wise	50	1,381,169	134,854	276,976	639,762	329,577	56	47	34,796	855	233,661
116	Wythe	90	768,131	41,220	304,689	275,151	147,071	99	29	31,808	590	156,383
117	York	16	21,450	4,575	3,125	7,880	5,870	15	------	------	17	3,790

TABLE 7.—MANUFACTURES BY

1	All industries	8,248	$103,670,988	$12,697,782	$17,211,750	$26,965,985	$46,795,471	9,421	4,198	$3,846,072	72,702	$22,445,720
2	Agricultural implements	13	472,863	49,231	68,945	86,320	268,367	20	29	21,738	278	107,980
3	Awnings, tents, and sails	8	12,870	950	2,950	1,630	7,340	11	------	------	23	13,100
4	Baking and yeast powders	5	169,038	2,000	6,000	7,240	153,798	7	38	35,760	95	23,884
5	Bicycle and tricycle repairing	63	78,095	4,050	5,925	21,712	46,408	74	5	2,408	81	23,945
6	Blacksmithing and wheelwrighting	889	537,628	84,986	112,346	92,163	248,133	952	6	4,856	637	193,792
7	Bookbinding and blank book making	7	84,036	------	------	39,376	44,660	9	15	9,808	114	30,701
8	Boots and shoes, custom work and repairing.	283	79,299	9,025	14,275	19,388	36,611	289	------	------	139	44,739
9	Boots and shoes, factory product	5	641,166	2,000	7,932	47,034	584,200	5	45	50,509	1,153	206,119
10	Bottling	20	113,610	20,200	29,550	33,000	30,860	8	16	11,118	79	24,126
11	Boxes, fancy and paper	11	370,812	25,500	77,500	133,181	134,631	11	20	30,922	942	190,704
12	Boxes, wooden packing	17	450,334	43,197	76,135	132,027	198,975	12	33	34,678	1,246	154,684
13	Bread and other bakery products	97	320,543	65,800	112,700	57,996	84,047	109	74	30,234	423	157,057
14	Brick and tile	80	1,531,352	450,897	306,861	340,485	433,109	90	56	46,221	1,418	403,696
15	Brooms and brushes	20	12,599	1,995	2,550	1,837	6,217	26	5	1,900	55	12,765
16	Carpentering	284	717,558	93,715	102,735	79,037	442,071	330	30	20,058	1,717	672,710
17	Carriage and wagon materials	6	275,264	8,800	38,234	67,230	161,000	7	9	6,260	208	67,337
18	Carriages and wagons	199	1,162,900	100,251	235,567	129,021	698,061	257	33	30,805	818	330,961
19	Cars and general shop construction and repairs by steam railroad companies.	28	1,733,389	101,572	482,886	421,488	727,443	------	283	248,425	4,922	2,452,195
20	Cars and general shop construction and repairs by street railroad companies.	4	36,942	2,100	26,350	3,900	4,592	------	3	2,940	25	10,821
21	Charcoal	12	14,880	7,025	325	2,990	4,540	11	2	706	34	7,628
22	Cheese, butter, and condensed milk, factory product.	10	15,145	860	1,750	7,850	4,685	12	------	------	8	2,158
23	Clothing, men's, custom work and repairing.	164	336,347	8,940	10,900	16,485	300,022	201	24	19,920	635	290,552
24	Clothing, men's, factory product	9	162,580	------	------	16,700	145,880	13	28	17,260	324	53,328
25	Clothing, women's, dressmaking	128	65,681	12,400	20,655	10,591	22,035	133	3	1,920	328	62,975
26	Coffee and spice, roasting and grinding	22	637,315	8,300	43,707	92,207	493,101	15	81	65,681	970	126,022

BY COUNTIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
197	$75,753	2	$480	2	$425	$5,470	$442	$995	$3,958	$75	$144,605	$143,121	$1,484	$293,765	77
293	75,230	25	5,420	14	1,760	29,822	301	1,306	28,215	----------	128,410	121,003	7,407	355,249	78
211	84,135	5	285	1	140	4,407	1,009	955	2,443	----------	217,656	215,540	2,116	382,525	79
46	14,320	------	----------	1	120	4,328	897	457	2,974	----------	161,572	160,123	1,449	221,728	80
425	165,765	2	545	14	1,805	52,361	1,602	3,119	47,640	----------	1,137,902	1,134,201	3,701	1,572,657	81
76	20,246	1	135	4	425	5,381	247	828	4,306	----------	118,812	118,415	397	183,652	82
2,729	801,127	1,615	206,061	386	36,362	658,689	30,999	48,129	526,186	53,375	3,747,656	3,695,090	52,566	6,464,464	83
118	31,261	16	2,700	16	985	39,384	1,484	1,065	36,835	----------	274,295	271,348	2,947	422,372	84
942	446,487	167	31,835	45	5,441	95,644	27,025	5,322	62,683	614	968,752	954,448	14,304	1,854,997	85
157	38,416	14	2,707	9	1,208	19,782	335	1,470	17,177	800	103,289	92,765	10,524	213,165	86
79	19,507	3	520	1	73	7,220	1,110	1,415	4,695	----------	230,217	229,213	1,004	334,396	87
86	21,990	12	2,600	5	500	5,834	600	545	4,689	----------	62,213	60,761	1,452	117,622	88
54	12,989	------	----------	1	150	1,678	67	286	1,325	----------	47,922	47,614	308	80,460	89
62	23,065	------	----------	4	287	2,890	717	678	1,195	300	149,306	148,107	1,199	230,043	90
650	206,494	1	200	------	----------	32,981	1,028	9,444	22,003	506	1,286,395	967,216	319,179	1,982,831	91
36	10,594	3	605	------	----------	8,254	1,406	464	6,384	----------	84,189	82,877	1,312	133,378	92
85	27,805	11	1,100	10	740	3,856	356	603	2,897	----------	129,654	129,207	447	221,720	93
11,565	4,292,348	4,399	796,997	728	92,314	6,158,301	181,456	132,687	5,263,566	580,592	13,161,697	12,838,895	322,802	28,900,616	94
186	71,479	16	3,700	10	1,193	84,989	2,625	2,046	79,107	1,211	625,896	618,715	7,181	894,642	95
2,570	1,163,114	84	10,666	34	4,762	122,145	16,095	9,754	91,176	5,120	3,730,926	3,398,169	332,757	5,709,817	96
262	62,237	5	1,000	1	117	16,881	3,245	1,824	7,894	3,918	360,049	302,738	57,311	583,683	97
519	159,554	28	3,717	19	1,722	49,105	3,554	6,036	32,140	7,375	1,314,935	1,304,654	10,281	1,881,779	98
85	28,163	1	300	1	285	4,658	813	638	3,192	15	202,498	202,081	417	291,766	99
169	56,803	1	240	18	1,382	5,700	1,041	747	3,912	----------	306,843	305,121	1,722	425,508	100
170	52,544	6	741	6	496	11,278	1,716	1,624	7,658	280	533,237	523,604	9,633	777,274	101
792	258,745	19	3,462	1	165	89,831	474	10,764	78,541	52	675,248	478,343	196,905	1,325,755	102
170	47,919	67	6,110	4	360	8,992	1,345	754	6,893	----------	315,661	313,823	1,838	453,593	103
71	20,465	------	----------	------	----------	1,590	110	448	1,032	----------	128,902	128,655	247	194,561	104
33	8,612	------	----------	------	----------	927	186	191	550	----------	46,249	46,101	148	70,583	105
232	78,616	73	10,924	11	1,175	41,727	9,978	3,084	22,085	6,580	622,142	613,060	9,082	900,750	106
370	109,653	------	----------	26	3,250	38,140	251	5,282	32,557	50	345,658	345,348	310	609,445	107
220	55,256	96	4,868	10	100	8,644	819	1,501	6,324	----------	509,768	507,320	2,448	670,805	108
316	131,601	11	3,044	6	1,002	48,146	23,192	3,400	21,319	235	364,137	356,166	7,971	718,261	109
105	30,539	7	1,260	2	225	7,537	1,936	797	4,784	20	250,103	247,885	2,218	346,430	110
26	6,825	------	----------	1	150	265	25	110	130	----------	10,163	8,873	1,290	33,240	111
246	68,037	18	2,130	9	954	21,482	4,393	1,642	15,447	----------	334,999	332,456	2,543	549,273	112
65	15,450	38	5,180	19	2,220	1,709	635	446	628	----------	103,140	102,501	639	160,697	113
220	69,990	336	50,194	79	7,992	36,101	5,208	3,421	22,472	5,000	582,306	565,305	17,001	890,493	114
851	233,289	4	372	------	----------	35,530	1,391	4,109	29,730	300	812,190	761,917	50,273	1,324,807	115
567	152,284	19	3,594	4	505	32,192	2,120	3,396	26,676	----------	572,970	499,427	73,543	919,976	116
17	3,790	------	----------	------	----------	368	21	122	225	----------	17,212	16,998	214	31,164	117

SPECIFIED INDUSTRIES: 1900.

56,341	$20,038,339	12,197	$1,963,999	4,164	$443,382	$12,264,602	$697,016	$499,159	$9,872,939	$1,195,488	$74,851,757	$71,649,994	$3,201,763	$132,172,910	1
272	107,080	------	----------	6	900	26,183	3,500	2,672	20,011	----------	128,434	120,266	8,168	343,291	2
18	11,600	5	1,500	------	----------	907	600	102	205	----------	18,279	18,049	230	44,867	3
25	7,182	68	16,552	2	150	54,951	2,466	2,357	50,128	----------	479,083	478,138	945	643,819	4
70	22,897	------	----------	11	1,048	11,830	8,444	583	2,553	250	49,781	48,314	1,467	129,688	5
505	190,139	------	----------	32	3,653	36,694	22,795	3,748	9,301	850	270,682	250,195	20,487	972,339	6
41	17,690	72	12,905	1	106	8,437	3,146	302	2,889	2,100	19,467	17,940	1,527	96,476	7
128	43,280	8	600	8	859	24,976	20,548	843	1,810	1,775	94,728	92,012	2,716	284,154	8
1,021	187,214	127	18,531	5	374	35,122	760	1,357	33,005	----------	1,159,969	1,156,092	3,877	1,452,480	9
77	23,926	------	----------	2	200	7,080	1,711	1,428	3,941	----------	143,843	143,165	678	217,540	10
278	89,908	572	87,661	92	13,135	34,554	2,533	2,902	29,119	----------	309,761	304,808	4,953	631,826	11
1,115	134,594	88	15,180	43	4,910	30,165	5,352	3,055	21,733	25	513,596	512,376	1,220	899,620	12
376	149,221	34	6,284	13	1,552	33,540	19,684	3,620	10,236	----------	472,584	457,434	15,150	922,361	13
1,342	394,686	------	----------	76	9,010	54,788	5,487	5,730	43,436	135	194,653	37,494	157,159	1,006,221	14
48	11,325	3	970	4	470	1,674	1,007	71	344	252	27,376	27,236	140	61,909	15
1,708	671,286	------	----------	9	1,424	840,615	11,382	4,348	20,576	804,309	1,896,373	1,892,511	3,862	4,051,801	16
208	67,337	------	----------	------	----------	13,771	----------	827	12,944	----------	102,745	99,634	3,111	215,014	17
800	328,331	2	450	16	2,180	54,655	14,433	5,678	33,224	1,320	622,782	610,104	12,678	1,473,176	18
4,897	2,447,732	8	1,403	17	3,060	45,406	200	12,279	32,927	----------	3,531,283	3,473,996	57,287	6,277,279	19
25	10,821	------	----------	------	----------	3,987	----------	820	3,167	----------	6,160	6,076	84	23,908	20
34	7,628	------	----------	------	----------	1,157	25	283	849	----------	8,095	8,095	----------	29,462	21
8	2,158	------	----------	------	----------	930	243	107	580	----------	39,951	39,101	850	51,942	22
462	253,501	168	36,602	5	449	54,429	34,545	1,970	13,444	4,470	342,722	337,899	4,823	1,006,045	23
65	16,046	245	35,832	14	1,450	7,175	3,780	905	2,490	----------	277,264	275,050	2,214	417,885	24
7	5,550	321	57,425	------	----------	11,503	9,558	697	1,248	----------	60,682	58,679	2,003	214,294	25
162	45,899	794	79,663	14	460	93,705	12,328	3,183	78,194	----------	3,718,904	3,705,114	13,790	4,236,622	26

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
27	Coke	5	$1,252,377	$102,000	$94,600	$930,300	$125,477	-------	23	$26,360	785	$225,532
28	Confectionery	44	169,218	11,750	14,300	41,543	101,625	45	47	21,726	230	59,339
29	Cooperage	84	297,697	25,845	54,968	50,611	166,273	100	46	22,124	616	133,763
30	Cotton, ginning [1]	11	13,555	430	3,525	9,600	-------	13	-------	-------	10	1,429
31	Cotton goods	7	4,403,206	108,559	784,481	2,236,136	1,274,030	-------	82	50,387	2,931	668,556
32	Dyeing and cleaning	27	39,075	5,200	14,100	12,500	7,275	28	6	2,546	54	15,082
33	Dye stuffs and extracts	8	385,904	37,923	54,350	72,100	221,531	12	20	22,050	201	58,588
34	Electrical construction and repairs	14	77,152	2,000	3,000	8,948	63,204	13	13	10,814	67	30,297
35	Fertilizers	39	4,908,381	164,328	579,504	483,462	3,681,087	35	112	141,872	1,171	320,774
36	Fish, canning and preserving	5	10,325	200	2,700	1,825	5,600	9	6	550	18	4,545
37	Flavoring extracts	4	54,320	-------	-------	2,070	52,250	5	11	11,320	32	8,837
38	Flouring and grist mill products	1,726	4,682,688	346,139	1,315,467	1,893,212	1,127,870	1,872	101	67,665	790	328,893
39	Foundry and machine shop products	80	6,963,491	516,383	961,290	3,706,138	1,779,680	85	154	154,740	2,912	1,340,143
40	Fruits and vegetables, canning and preserving.	88	218,533	22,500	32,260	47,790	115,983	130	25	3,477	637	77,576
41	Furniture, cabinetmaking, repairing, and upholstering.	91	158,601	14,660	43,615	38,392	61,934	109	5	4,552	162	44,458
42	Furniture, factory product	14	160,179	12,700	27,800	44,955	74,724	18	13	7,275	192	54,949
43	Gas, illuminating and heating	12	2,624,623	100,777	168,523	2,141,807	213,516	-------	53	42,139	133	84,801
44	Gloves and mittens	8	136,300	7,800	29,100	8,400	91,000	4	23	13,700	255	43,900
45	Hand stamps	4	23,025	3,000	7,000	7,800	5,225	4	-------	-------	34	13,442
46	Hosiery and knit goods	15	978,575	26,100	61,307	282,688	608,480	4	38	36,057	1,845	394,871
47	Ice, manufactured	30	1,198,981	141,400	211,500	677,882	168,199	20	46	34,934	205	87,193
48	Iron and steel	20	6,686,696	1,300,096	2,462,768	1,090,875	1,832,957	-------	150	208,669	3,097	980,587
49	Ironwork, architectural and ornamental.	4	123,017	7,050	6,550	30,330	79,087	2	13	11,620	141	51,363
50	Leather, tanned, curried, and finished	65	4,032,387	86,547	478,999	219,561	3,247,280	70	59	84,602	889	313,677
51	Lime and cement	23	184,468	34,085	52,904	33,248	64,231	24	25	13,115	264	68,237
52	Liquors, distilled	91	270,943	8,390	34,140	61,892	166,521	93	7	2,594	66	15,021
53	Liquors, malt	6	2,000,954	208,179	700,419	410,563	681,793	-------	72	95,458	300	144,882
54	Liquors, vinous	4	63,632	1,075	14,650	7,275	40,632	3	2	1,800	5	1,200
55	Lock and gun smithing	21	14,200	50	125	3,935	10,090	22	1	600	13	4,984
56	Looking-glass and picture frames	10	16,205	300	500	2,755	12,650	12	6	2,900	10	4,326
57	Lumber and timber products	1,341	9,299,046	2,986,491	630,616	2,703,210	2,978,729	1,789	351	242,496	7,611	2,144,382
58	Lumber, planing mill products, including sash, doors, and blinds.	88	1,618,158	192,812	202,802	336,272	886,272	108	96	74,946	1,333	467,962
59	Marble and stone work	13	238,820	40,620	61,305	62,770	74,125	16	16	25,400	528	169,681
60	Masonry, brick and stone	56	202,236	12,350	22,400	14,741	152,745	77	16	9,986	725	322,085
61	Mattresses and spring beds	20	48,190	2,420	3,010	8,735	34,025	23	8	5,230	89	24,671
62	Millinery, custom work	167	297,231	21,625	53,455	7,309	214,842	181	50	13,270	372	90,318
63	Mineral and soda waters	27	126,650	48,350	16,400	44,650	17,250	29	7	5,180	82	27,283
64	Monuments and tombstones	57	135,583	21,211	13,882	12,187	88,303	69	7	5,048	182	79,370
65	Oil, essential	13	13,884	145	3,120	4,719	5,900	22	2	519	29	6,819
66	Painting, house, sign, etc	118	98,437	8,155	12,595	11,905	65,782	146	6	2,036	415	161,488
67	Paper and wood pulp	7	2,281,903	79,450	505,180	1,216,506	480,767	-------	34	58,250	302	102,993
68	Paper hanging	28	77,070	19,200	17,400	2,145	38,325	40	3	1,516	111	50,016
69	Patent medicines and compounds	14	80,065	1,500	10,500	18,405	49,660	13	15	11,215	59	15,243
70	Paving and paving materials	13	47,228	13,675	4,050	10,058	19,445	17	10	4,832	184	60,560
71	Photography	69	100,750	4,070	10,080	50,575	36,025	80	7	2,585	83	31,564
72	Pickles, preserves, and sauces	7	35,750	1,500	8,200	5,625	20,425	4	3	2,380	36	7,037
73	Pipes, tobacco	3	8,070	365	950	5,880	875	3	-------	-------	21	4,675
74	Plastering and stuccowork	27	28,172	2,010	3,900	7,132	15,130	35	1	500	111	51,221
75	Plumbing, and gas and steam fitting	117	331,760	31,980	46,350	37,908	215,522	158	32	16,666	561	246,906
76	Pottery, terra cotta, and fire-clay products.	5	309,361	12,620	139,239	82,571	74,931	6	10	13,384	100	23,892
77	Printing and publishing, book and job	86	1,481,259	22,800	41,900	456,113	960,446	102	107	93,571	682	282,982
78	Printing and publishing, newspapers and periodicals.	162	1,126,736	34,000	75,525	625,534	391,677	160	178	107,831	771	338,618
79	Roofing and roofing materials	34	563,145	149,003	63,505	72,965	277,672	41	21	13,913	552	157,432
80	Saddlery and harness	135	270,982	19,405	36,760	22,815	192,002	166	18	9,578	199	72,612
81	Sewing machine repairing	5	1,511	100	200	286	925	7	-------	-------	3	2,360
82	Ship and boat building, wooden	27	320,982	131,270	27,240	121,150	41,322	35	10	10,100	187	97,681
83	Shirts	9	78,790	2,000	42,000	14,540	20,250	12	18	12,100	209	49,181
84	Silk and silk goods	3	594,359	12,600	174,440	210,200	197,119	2	12	12,678	473	105,056
85	Slaughtering and meat packing, wholesale.	3	156,500	34,000	23,000	21,500	78,000	4	17	13,140	42	17,884
86	Tinsmithing, coppersmithing, and sheet-iron working.	143	357,854	44,636	56,370	50,829	206,019	169	25	15,234	408	170,346
87	Tobacco, chewing, smoking, and snuff	69	5,728,357	137,225	502,960	762,027	4,326,145	85	509	486,135	6,061	1,082,226
88	Tobacco, cigars and cigarettes	89	780,261	25,330	80,800	230,052	444,079	95	126	196,092	2,595	586,115
89	Tobacco, stemming and rehandling	54	2,454,595	29,250	121,050	128,750	2,175,545	89	135	91,590	3,159	454,019
90	Trunks and valises	7	310,136	14,409	53,821	22,771	219,135	6	68	54,923	673	166,916
91	Typewriter repairing	3	1,775	-------	-------	375	1,400	1	1	300	4	2,390
92	Upholstering materials	3	4,850	250	1,300	2,200	1,100	3	2	385	10	1,687
93	Vinegar and cider	14	31,181	6,172	3,235	9,715	12,059	20	3	1,320	45	7,348
94	Watch, clock, and jewelry repairing	151	180,609	29,830	29,038	39,633	82,108	170	6	4,640	123	66,752
95	Wirework, including wire rope and cable.	4	3,460	100	200	240	2,920	6	-------	-------	2	588

[1] Does not include many ginneries operated in connection with saw, grist, and cottonseed-oil mills or for the use exclusively of plantations on which they are located. For the full number of ginneries in operation reference should be made to the special report on cotton ginning.

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.										Value of products, including custom work and repairing.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
773	$223,872			12	$1,660	$37,145	$20,315	$2,100	$14,730		$677,269	$674,189	$3,080	$1,072,684	27
167	52,016	45	$6,115	18	1,208	20,678	13,818	1,248	5,612		401,838	396,781	5,057	636,842	28
598	132,045			18	1,718	13,781	3,759	1,433	8,489	$100	322,793	321,388	1,405	586,961	29
10	1,429					208	36	92	80		1,990	1,696	294	7,449	30
1,280	392,540	1,000	202,906	651	73,110	135,173	1,800	24,620	108,753		1,412,332	1,377,623	34,709	2,655,002	31
38	12,330	14	2,492	2	260	6,433	3,363	322	2,738	10	9,459	7,314	2,145	63,978	32
183	56,988	15	1,200	3	400	17,739	1,081	1,955	14,703		307,481	292,068	15,413	479,372	33
67	30,297					6,319	2,689	355	3,275		119,220	118,678	542	192,476	34
1,171	320,774					306,382	6,187	27,040	272,844	311	2,161,423	2,105,760	55,663	3,415,850	35
11	2,995	6	1,325	1	225	496	90	6	400		13,239	13,179	60	24,700	36
16	5,730	16	3,107			17,788	1,378	380	16,030		64,299	63,883	416	129,590	37
783	327,515	4	1,000	3	378	145,014	29,277	30,370	85,292	75	10,514,361	10,465,605	48,756	12,687,267	38
2,829	1,322,790			83	17,353	158,129	15,418	15,866	121,752	5,093	2,665,062	2,517,000	148,062	4,833,137	39
196	33,915	312	33,577	129	10,084	7,289	1,173	913	5,203		342,689	337,502	5,187	535,900	40
143	42,170	14	1,750	5	538	9,901	6,546	916	2,154	285	78,810	77,623	1,187	233,801	41
187	54,612			5	337	7,776	415	572	6,489	300	87,360	84,768	2,592	212,972	42
133	84,801					78,832		21,688	57,144		130,759	126,885	3,874	483,351	43
40	14,700	188	26,700	27	2,500	11,600		1,120	5,480	5,000	174,190	168,772	5,418	265,925	44
28	12,346	3	800	3	296	2,672	265	180	2,227		9,378	8,758	620	43,300	45
601	179,267	988	185,013	256	30,591	119,198	31,998	5,887	81,313		797,818	779,059	18,759	1,498,066	46
205	87,193					37,174	1,350	6,850	28,974		106,323	33,749	72,574	427,974	47
3,094	980,257			3	330	248,314	16,050	35,463	196,801		5,498,672	3,745,265	1,753,407	8,341,888	48
141	51,363					23,339	1,560	605	21,174		193,333	190,289	3,044	336,610	49
886	313,256			3	421	252,548	7,010	9,430	236,103	5	3,695,817	3,688,292	7,525	4,716,920	50
259	67,876			5	361	12,766	5,595	665	2,593	3,913	65,998	37,966	28,032	198,785	51
66	15,021					147,304	321	1,588	145,395		56,520	47,795	8,725	257,385	52
300	144,882					374,865		8,299	366,566		215,923	184,393	31,530	972,820	53
5	1,200					2,110		400	1,710		16,413	16,305	108	29,970	54
13	4,984					2,197	1,842	142	213		7,518	7,253	265	29,853	55
10	4,326					3,503	2,710	136	657		12,520	12,420	100	32,356	56
7,244	2,109,579	157	17,384	210	17,419	327,615	16,229	42,734	264,787	3,865	6,763,831	6,763,494	337	12,137,177	57
1,327	467,297	1	180	5	485	163,314	13,548	9,271	47,732	92,763	1,625,501	1,613,038	12,463	2,686,898	58
528	169,681					15,088	429	1,121	12,038	1,500	67,956	52,849	15,107	332,081	59
722	321,581			3	504	143,118	1,389	882	9,647	131,200	960,620	959,241	1,379	1,625,564	60
73	21,657	11	2,314	5	700	10,195	2,852	323	6,860	160	79,760	79,103	657	149,412	61
7	2,589	360	87,330	5	399	42,864	31,700	2,612	7,782	770	334,840	332,553	2,287	655,887	62
74	25,910			8	1,373	6,596	1,623	1,062	3,911		47,975	47,643	332	124,937	63
181	79,110			1	260	11,857	3,011	990	4,606	3,250	125,709	124,742	967	306,453	64
29	6,819					691	183	51	457		21,807	20,561	1,246	37,772	65
414	161,338			1	150	10,883	7,127	574	3,162	20	139,870	139,405	465	443,258	66
242	92,145	60	10,848			57,829	400	6,388	51,041		410,640	366,828	43,812	850,386	67
105	49,206	4	550	2	260	7,449	4,718	423	2,158	150	48,802	48,461	341	142,321	68
44	13,415	8	1,084	7	744	11,182	2,985	427	7,770		90,116	88,345	1,771	187,347	69
183	60,360			1	200	1,642	810	310	372	150	74,491	73,297	1,194	186,288	70
65	27,044	16	4,260	2	260	22,381	15,055	2,486	4,511	329	53,040	51,703	1,337	187,377	71
27	5,692	7	1,030	2	315	1,874	500	279	1,095		41,530	41,077	453	73,190	72
13	3,580	6	980	2	115	93		57	36		3,335	2,660	675	9,100	73
111	51,221					1,809	1,071	274	464		50,035	49,510	525	135,017	74
550	245,079			11	1,827	30,081	20,103	3,298	6,680		484,862	480,863	3,999	1,072,414	75
90	22,006	2	567	8	1,319	12,111		857	11,254		34,455	22,440	12,015	83,178	76
509	250,820	157	30,079	16	2,083	135,977	18,833	6,354	44,568	66,222	332,221	320,700	11,521	1,084,027	77
635	315,928	48	13,065	88	9,625	167,482	23,169	5,322	95,563	43,428	212,821	198,495	14,326	1,145,577	78
508	152,813			44	4,619	18,056	4,405	2,568	11,053	30	161,375	149,380	11,995	429,008	79
197	72,392			2	220	19,222	12,546	1,584	5,062	30	254,695	252,288	2,407	516,247	80
3	2,360					470	390	25	55		2,787	2,742	45	8,620	81
187	97,681					10,582	942	1,219	8,421		72,418	67,716	4,702	263,802	82
29	12,611	165	34,470	15	2,100	27,890	2,610	195	21,385	3,700	44,874	43,010	1,864	161,143	83
144	61,294	228	31,885	101	11,877	15,300		1,168	12,697	1,435	720,525	713,848	6,677	981,680	84
42	17,884					2,588		988	1,600		477,230	475,020	2,210	559,620	85
390	168,006			18	2,340	31,982	15,618	2,137	14,177	50	358,160	353,504	4,656	767,603	86
3,119	756,569	1,987	251,650	955	74,007	4,069,746	29,612	65,846	3,974,288		4,082,291	4,023,772	58,519	10,707,766	87
676	214,960	1,791	355,268	128	15,887	2,480,961	12,507	7,206	2,460,423	825	1,192,583	1,186,202	6,381	4,843,641	88
1,408	264,031	1,381	157,977	370	32,011	160,171	43,877	25,886	88,088	2,320	4,453,205	4,429,127	24,078	5,726,859	89
645	162,266	15	3,000	13	1,650	49,319	1,485	3,829	44,005		340,398	338,934	1,464	696,909	90
4	2,390					410	300		110		1,480	1,470	10	7,150	91
10	1,687					600	300	63	237		8,415	8,315	100	13,575	92
41	6,855	4	493			1,940	825	180	935		22,671	21,946	725	55,495	93
117	65,758	2	400	4	594	23,630	17,665	1,267	3,698	1,000	45,419	43,526	1,893	241,721	94
2	588					194	168	6	20		1,892	1,867	25	6,820	95

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
96	Wood, turned and carved	9	$44,390	$590	$3,500	$14,950	$20,350	14	4	$3,220	65	$19,615
97	Woodenware, not elsewhere specified	3	608,050	200,900	75,550	181,000	150,600	2	21	37,500	650	166,300
98	Woolen goods	28	783,527	44,656	116,971	180,252	441,648	15	39	37,667	362	103,773
99	All other industries[1]	75	20,228,361	3,859,447	3,910,728	2,735,304	9,722,882	67	257	358,943	7,756	3,160,449

[1] Embraces artificial limbs, 1; babbitt metal and solder, 1; bags, other than paper, 2; bags, paper, 1; baskets, and rattan and willow ware, 1; bluing, 2; boxes, cigar, 2; brass castings and brass finishing, 1; bridges, 1; chemicals, 1; cleansing and polishing preparations, 1; clothing, women's, factory product, 2; copper, smelting and refining, 1; dentists' materials, 1; druggists' preparations, not including prescriptions, 1; explosives, 1; fireworks, 2; food preparations, 2; fur goods, 1; furnishing goods, men's, 1; glass, 2; glass, cutting, staining, and ornamenting, 2; graphite and graphite refining, 1; grease and tallow, 2; hairwork, 2; hats and caps, not including fur hats and wool hats, 2; jewelry, 1; kaolin and other earth grinding, 2; lead, smelting and refining, 1; lithographing and engraving, 2; models and

TABLE 8.—MANUFACTURES IN CITIES

NORFOLK.

1	All industries	445	$6,425,099	$506,425	$685,162	$2,025,063	$3,208,449	523	333	$266,227	4,334	$1,571,229
2	Agricultural implements	3	219,537	30,000	16,000	44,695	128,842	8	15	10,422	100	46,500
3	Awnings, tents, and sails	4	8,120			1,230	6,890	7			20	12,500
4	Bicycle and tricycle repairing	10	19,175			1,600	17,575	12	2	1,440	12	2,710
5	Blacksmithing and wheelwrighting	19	19,208	3,350	3,025	3,398	9,435	21	2	2,236	39	18,814
6	Boots and shoes, custom work and repairing.	55	16,795	3,100	2,925	2,890	7,880	55			23	7,770
7	Bread and other bakery products	15	59,300	18,200	18,800	10,400	11,900	16	10	6,016	93	34,888
8	Carpentering	22	85,775	12,300	11,100	7,725	54,650	26	3	2,400	271	133,300
9	Carriages and wagons	7	172,150	2,500	2,750	23,550	143,350	11	7	7,000	132	56,050
10	Clothing, men's, custom work and repairing.	32	87,561	500	1,500	4,125	81,436	41	6	4,600	125	69,590
11	Clothing, women's, dressmaking	31	13,005	250	750	2,905	9,100	33	3	1,920	122	26,695
12	Coffee and spice, roasting and grinding	5	292,486			30,931	261,555		25	29,261	346	51,821
13	Confectionery	7	46,222	5,000	3,000	12,153	26,069	8	22	8,718	48	11,900
14	Cooperage	7	36,700	10,000	10,500	875	15,325	9	2	960	66	18,207
15	Dyeing and cleaning	4	7,600	1,000	1,000	3,850	1,750	4	1	900	22	6,514
16	Electrical construction and repairs	4	8,450			3,050	5,400	5	1	1,200	21	8,160
17	Fertilizers	4	1,529,679	63,000	141,000	136,000	1,189,679	3	27	28,950	274	74,212
18	Foundry and machine shop products	7	176,460	27,000	19,370	52,000	78,090	10	12	13,690	175	83,514
19	Furniture, cabinetmaking, repairing, and upholstering.	5	2,850			600	2,250	7			9	4,168
20	Hosiery and knit goods	3	284,720	10,000	20,000	70,189	184,531		8	6,572	452	117,399
21	Ice, manufactured	5	489,387	69,000	104,000	245,000	71,387	2	9	7,600	49	25,827
22	Lock and gun smithing	4	1,000			325	675	4			3	1,260
23	Lumber and timber products	3	166,650	25,200	5,750	50,000	85,700	5	21	12,900	68	32,760
24	Lumber, planing mill products, including sash, doors, and blinds.	6	183,725	36,125	22,750	17,750	107,100	8	6	4,320	75	37,230
25	Masonry, brick and stone	5	45,350	500	1,000	3,700	40,150	8	4	3,470	145	80,004
26	Millinery, custom work	9	36,015	2,700	7,000	415	25,900	9	8	1,520	41	11,078
27	Monuments and tombstones	3	16,650	1,000	1,500	1,250	12,900	4	1	500	12	6,190
28	Painting, house, sign, etc	15	8,640	400	700	1,865	5,675	19			56	22,325
29	Paper hanging	3	14,150	200	400	550	13,000	3			35	15,800
30	Patent medicines and compounds	4	2,550			500	2,050	5			6	1,404
31	Paving and paving materials	4	8,568		300	1,123	7,145	5	7	4,200	83	30,550
32	Photography	7	17,600			11,500	6,100	7	1	350	19	9,916
33	Plumbing, and gas and steam fitting	18	64,935	9,000	15,500	6,160	34,275	28	4	2,720	121	57,612
34	Printing and publishing, book and job	15	75,618			45,800	29,818	19	7	4,010	73	32,884
35	Printing and publishing, newspapers and periodicals.	6	110,274	550	3,000	72,046	34,678	6	30	25,280	95	56,436
36	Roofing and roofing materials	4	23,172			4,032	19,140	7	3	2,637	48	18,950
37	Ship and boat building, wooden	6	184,550	70,000	12,200	77,350	25,000	9	8	7,900	104	50,926
38	Shirts	3	6,850	2,000	2,000	350	2,500	4	2	500	19	4,000
39	Tinsmithing, coppersmithing, and sheet-iron working.	14	53,262	8,000	5,500	5,820	33,942	17	9	5,030	115	55,218
40	Tobacco, cigars and cigarettes	12	46,254	500	1,000	4,545	40,209	14	6	3,700	89	30,111
41	Watch, clock, and jewelry repairing	16	13,660	350	1,000	5,775	6,535	23	1	2,000	24	16,535
42	All other industries[1]	39	1,770,446	94,700	249,842	1,057,041	368,863	41	60	51,305	704	189,301

[1] Embraces bags, other than paper, 1; bottling, 1; boxes, fancy and paper, 2; boxes, wooden packing, 1; brick and tile, 2; bridges, 1; clothing, men's, factory product, 2; flavoring extracts, 1; flouring and grist mill products, 2; gas, illuminating and heating, 1; hats and caps, not including fur hats and wool hats, 1; ironwork, architectural and ornamental, 2; liquors, malt, 1; looking-glass and picture frames, 2; marble and stone work, 1; mattresses and spring beds, 2; mineral and soda

PETERSBURG.

1	All industries	225	$3,960,987	$141,387	$595,774	$1,153,793	$2,070,033	242	251	$227,544	4,730	$1,043,550
2	Blacksmithing and wheelwrighting	11	1,705	200	150	475	880	13			9	2,530
3	Boots and shoes, custom work and repairing.	10	1,641			770	871	10			9	2,440
4	Bread and other bakery products	10	15,240	4,100	7,550	1,440	2,150	10	6	1,290	23	4,404
5	Carpentering	34	21,571	5,000	11,200	1,736	3,635	37	1	500	128	36,745
6	Carriages and wagons	7	22,790	3,800	7,800	1,675	9,515	10	1	480	23	9,020

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
63	$18,615			2	$1,000	$6,530	$475	$102	$5,953		$50,411	$49,131	$1,280	$107,398	96
565	151,950	40	$9,100	45	5,250	22,657		2,926	19,731		230,549	230,529	20	497,850	97
214	72,954	127	28,506	21	2,313	22,780	1,770	2,015	18,125	$870	391,659	382,515	9,144	627,581	98
6,779	3,012,097	505	84,036	472	64,316	422,536	25,213	33,346	353,134	10,843	5,284,499	4,926,108	358,391	10,189,558	99

patterns, 1; musical instruments, organs and materials, 1; oysters, canning and preserving, 1; paints, 1; paper hanging, 1; perfumery and cosmetics, 1; photolithographing and photoengraving, 1; printing and publishing, music, 2; printing materials, 1; regalia and society banners and emblems, 1; salt, 1; shipbuilding, iron and steel, 2; show cases, 1; slaughtering, wholesale, not including meat packing, 1; smelting and refining, not from the ore, 1; soap and candles, 2; steam packing, 1; stencils and brands, 1; stereotyping and electrotyping, 1; taxidermy, 1; tin and terne plate, 1; tools, not elsewhere specified, 1; umbrellas and canes, 1; varnish, 1; washing machines and clothes wringers, 2; wood, preserving, 2; zinc, smelting and refining, 1.

BY SPECIFIED INDUSTRIES: 1900.

NORFOLK.

3,206	$1,376,071	1,023	$180,972	105	$14,186	$701,597	$107,723	$39,827	$304,594	$249,453	$5,283,975	$5,178,011	$105,964	$9,397,355	1
96	45,800			4	700	7,994	3,500	1,094	3,400		45,925	42,765	3,160	126,005	2
18	11,600	2	900			755	570	15	170		14,329	14,170	159	35,292	3
11	2,660			1	50	1,665	1,272	148	245		10,680	10,565	115	24,855	4
35	18,516			4	298	3,611	2,896	227	488		15,877	15,077	800	65,242	5
20	7,410			3	360	7,557	5,154	323	505	1,575	20,601	20,195	406	63,873	6
69	30,520	24	4,368			7,226	4,310	791	2,125		116,748	114,262	2,486	287,835	7
270	133,000			1	300	163,425	2,221	755	3,666	156,783	332,603	332,137	466	721,977	8
132	56,050					17,280	4,200	730	12,350		182,611	179,095	3,516	309,950	9
94	62,708	29	6,632	2	250	16,249	7,569	690	4,690	8,300	86,761	85,648	1,113	231,233	10
4	3,500	118	23,395			2,997	2,441	151	405		18,086	17,705	381	68,750	11
46	15,830	300	35,991			54,875	7,710	905	46,260		1,320,712	1,316,272	4,440	1,513,809	12
27	9,000	19	2,600	2	300	5,476	2,850	137	2,489		148,062	147,224	838	208,530	13
65	18,082			1	125	2,641	1,350	566	725		38,945	38,620	325	68,805	14
19	5,932	2	400	1	182	1,417	615	12	780	10	2,123	1,476	647	17,340	15
21	8,160					1,281	615	81	585		11,695	11,615	80	26,865	16
274	74,212					72,817	1,800	8,274	62,743		844,665	829,844	14,821	1,214,533	17
175	83,514					9,932	2,383	1,432	6,117		113,651	108,363	5,288	299,488	18
9	4,168					1,183	940	25	218		5,319	5,285	34	15,012	19
165	56,096	248	56,330	39	4,973	39,323	7,950	3,340	28,033		229,902	224,348	5,554	453,115	20
49	25,827					13,530	250	3,290	9,990		39,241	12,365	26,876	115,683	21
3	1,260					400	350		50		602	589	13	3,944	22
68	32,760					11,150	10	1,190	9,950		104,780	104,780		228,000	23
75	37,230					6,530	2,220	1,810	2,500		212,275	210,350	1,925	313,400	24
142	79,500			3	504	79,416	646	100	670	78,000	255,540	255,155	385	460,200	25
2	664	39	10,414			5,986	4,300	501	1,185		24,952	24,775	177	59,600	26
12	6,190					3,890	970	352	2,568		19,866	19,792	74	40,187	27
55	22,175			1	150	2,371	1,463	168	740		19,812	19,665	147	64,952	28
33	15,500	2	300			1,579	940	57	582		14,027	13,955	72	39,023	29
4	1,020	2	384			937	535	70	332		3,693	3,625	68	8,834	30
82	30,350			1	200	775	420	65	140	150	38,984	38,215	769	91,698	31
14	7,866	5	2,050			5,925	4,560	505	860		9,680	9,450	230	37,000	32
114	56,606			7	1,006	5,384	3,150	949	1,285		96,613	95,650	963	214,767	33
65	31,408	5	1,020	3	456	11,693	2,936	376	1,381	7,000	33,242	32,381	861	108,331	34
90	55,740	4	600	1	96	17,190	3,750	489	12,451	500	25,285	22,696	2,589	158,951	35
46	18,590			2	360	2,068	922	60	1,086		34,652	34,392	260	71,760	36
104	50,926					4,071	442	823	2,806		32,164	29,239	2,925	129,148	37
1	600	18	3,400			1,176	300	36	140	700	9,870	9,760	110	21,000	38
107	53,792			8	1,426	7,137	3,817	609	2,711		81,135	80,142	993	177,059	39
88	29,851	1	260			14,091	2,396	357	11,338		44,216	44,063	153	110,836	40
23	16,285			1	250	2,936	2,130	111	695		8,502	8,182	320	41,250	41
479	155,173	205	31,928	20	2,200	85,658	10,870	8,213	65,140	1,435	615,549	594,124	21,425	1,199,223	42

waters, 2; models and patterns, 1; plastering and stuccowork, 2; saddlery and harness, 2; sewing machine repairing, 2; silk and silk goods, 1; slaughtering, wholesale, not including meat packing, 1; trunks and valises, 2; umbrellas and canes, 1; vinegar and cider, 2.

PETERSBURG.

2,729	$801,127	1,615	$206,061	386	$36,362	$658,689	$30,999	$48,129	$526,186	$53,375	$3,747,656	$3,695,090	$52,566	$6,464,464	1
9	2,530					515	450	59	6		2,654	2,454	200	9,350	2
9	2,440					669	642	24	3		3,242	3,113	129	10,902	3
19	4,076	1	96	3	232	1,166	740	302	124		18,055	17,261	794	36,273	4
128	36,745					54,240	757	403	580	52,500	52,784	52,504	280	185,367	5
23	9,020					946	610	220	116		8,062	7,818	244	26,840	6

TABLE 8.—MANUFACTURES IN CITIES

PETERSBURG—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
7	Clothing, men's, custom work and repairing.	7	$7,970			$475	$7,495	8			32	$10,770
8	Clothing, women's, dressmaking	7	3,824	$1,100	$2,500	224		7			14	1,643
9	Coffee and spice, roasting and grinding	5	91,000	7,000	24,000	12,000	48,000	4	14	$10,842	169	19,950
10	Cotton goods	4	635,538	31,000	100,000	394,700	109,838		12	13,391	712	121,625
11	Foundry and machine shop products	4	88,200	4,000	8,500	42,500	33,200	4	7	5,580	155	67,140
12	Furniture, cabinetmaking, repairing, and upholstering.	4	2,720	500	900	325	995	4			11	3,685
13	Lumber, planing mill products, including sash, doors, and blinds.	3	26,450	4,000	4,150	7,500	10,800	3	1	900	52	11,000
14	Masonry, brick and stone	8	17,353	3,150	7,600	103	6,500	10	3	1,560	65	23,600
15	Millinery, custom work	6	8,800			275	8,525	5	3	330	30	6,355
16	Monuments and tombstones	3	9,425	450	750	625	7,600	4	1	750	38	13,050
17	Painting, house, sign, etc	11	6,715	1,500	3,200	415	1,600	16			23	6,217
18	Plastering and stuccowork	7	3,490	900	1,950	180	460	8			22	5,320
19	Plumbing, and gas and steam fitting	5	8,300			2,400	5,900	6	2	1,000	20	9,200
20	Printing and publishing, book and job	4	35,590	1,000	1,500	24,840	8,250	6	2	1,200	27	6,160
21	Printing and publishing, newspapers and periodicals.	3	18,150	2,000	5,000	7,750	3,400	2	7	2,930	17	7,280
22	Tinsmithing, coppersmithing, and sheet-iron working.	7	6,640	1,200	1,500	1,015	2,925	9			12	4,610
23	Tobacco, chewing, smoking, and snuff	6	1,309,696	27,487	176,074	198,701	907,434	7	67	96,120	1,298	255,895
24	Tobacco, cigars and cigarettes	4	6,275			375	5,900	4			8	3,325
25	Tobacco, stemming and rehandling	9	381,185	12,000	50,000	49,200	269,985	16	16	12,048	471	81,926
26	Trunks and valises	4	140,650	3,600	20,400	14,150	102,500	3	54	35,173	510	127,016
27	Watch, clock, and jewelry repairing	6	3,365			1,630	1,735	6			4	1,888
28	All other industries[1]	36	1,086,704	27,400	161,050	388,314	509,940	30	54	43,450	848	200,756

[1] Embraces bicycle and tricycle repairing, 1; boxes, fancy and paper, 1; boxes, wooden packing, 2; brick and tile, 1; cars and general shop construction and repairs by steam railroad companies, 1; cars and general shop construction and repairs by street railroad companies, 1; cleansing and polishing preparations, 1; clothing, men's, factory product, 1; confectionery, 2; cooperage, 2; dye stuffs and extracts, 1; fertilizers, 1; flouring and grist mill products, 2; gas, illuminating

RICHMOND.

1	All industries	763	$20,848,620	$2,252,946	$2,377,697	$6,164,891	$10,053,086	801	1,166	$1,266,270	16,692	$5,181,659
2	Baking and yeast powders	6	149,928			6,130	143,798	5	34	32,660	82	21,094
3	Bicycle and tricycle repairing	12	16,877			6,042	10,835	15	2	728	26	9,024
4	Blacksmithing and wheelwrighting	49	42,311	6,800	9,425	6,716	19,370	53	3	1,720	99	42,562
5	Bookbinding and blank book making	6	83,211			38,776	44,435	8	15	9,808	114	30,701
6	Boots and shoes, custom work and repairing.	66	20,882	1,600	2,500	5,351	11,431	67			55	19,069
7	Bottling	3	21,100	11,750	5,750	3,300	300		5	3,720	14	5,800
8	Boxes, fancy and paper	6	337,262	25,500	77,500	112,581	121,681	8	15	26,234	801	168,609
9	Boxes, wooden packing	3	131,188	4,742	32,593	26,113	67,740	3	7	7,768	109	35,991
10	Bread and other bakery products	17	85,854	11,200	24,800	19,661	30,193	18	20	9,258	162	66,618
11	Brick and tile	5	117,250	24,250	18,500	21,000	53,500	5	4	2,800	139	36,244
12	Brooms and brushes	4	5,305	900	600	650	3,155	5	4	1,860	36	8,505
13	Carpentering	56	189,479	34,600	27,700	23,715	103,464	64	9	5,536	368	143,847
14	Carriages and wagons	16	121,796	26,600	29,900	7,391	57,905	21	2	2,200	120	51,360
15	Cars and general shop construction and repairs by steam railroad companies.	3	210,433	18,000	46,000	29,560	116,873		17	13,930	707	351,084
16	Clothing, men's, custom work and repairing.	39	97,700	7,200	4,800	3,745	81,955	44	8	6,440	182	92,868
17	Clothing, women's, dressmaking	26	25,233	7,300	9,200	2,555	6,178	26			58	14,405
18	Confectionery	18	62,261	4,900	6,350	18,140	32,871	11	18	9,888	85	24,931
19	Cooperage	4	13,615	3,000	3,000	165	7,450	7	1	624	32	5,576
20	Dyeing and cleaning	12	23,715	4,200	13,100	3,795	2,620	12	4	1,502	20	6,062
21	Electrical construction and repairs	6	56,277			2,373	53,904	8	12	9,614	34	15,117
22	Fertilizers	6	2,163,731	51,000	269,000	154,297	1,689,434	2	27	62,036	423	121,982
23	Foundry and machine shop products	18	5,164,103	370,768	710,006	2,878,701	1,204,628	18	85	86,706	1,551	774,628
24	Furniture, cabinetmaking, repairing, and upholstering.	23	34,362	5,450	10,300	3,070	15,542	27			31	10,554
25	Ice, manufactured	8	222,500	22,000	27,000	115,000	58,500	1	8	7,680	15	10,800
26	Lock and gun smithing	5	850			400	450	6			2	600
27	Looking-glass and picture frames	4	9,800			1,300	8,500	4	6	2,900	8	3,012
28	Lumber, planing mill products, including sash, doors, and blinds.	7	391,455	44,500	57,655	94,240	195,060	7	29	24,938	317	122,672
29	Millinery, custom work	14	41,847			1,047	40,800	18	21	6,166	83	25,200
30	Mineral and soda waters	5	55,450	30,300	5,700	14,950	4,500	7	3	1,800	32	13,845
31	Monuments and tombstones	7	31,300	8,975	1,625	1,650	19,050	7	1	468	42	22,770
32	Painting, house, sign, etc	26	23,946	1,300	2,850	3,368	16,428	34			117	48,368
33	Paper hanging	9	23,475	6,000	5,000	675	11,800	13	1	1,000	44	22,756
34	Paving and paving materials	3	13,420	3,500	3,100	1,820	5,000	3			45	15,000
35	Photography	8	9,150			4,500	4,650	11	3	1,300	19	6,715
36	Plastering and stuccowork	7	4,220			990	3,230	8			23	12,350

BY SPECIFIED INDUSTRIES: 1900—Continued.

PETERSBURG—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
21	$9,030	10	$1,675	1	$65	$1,743	$1,070	$39	$634		$12,489	$12,310	$179	$34,555	7
		14	1,643			582	520	53	9		263	129	134	4,861	8
33	8,700	136	11,250			4,940	1,335	1,155	2,450		505,970	503,680	2,290	573,250	9
177	47,577	372	60,229	163	13,819	25,916	1,800	4,785	19,331		350,564	342,712	7,852	531,673	10
155	67,140					3,967	900	910	2,157		29,814	27,689	2,125	140,850	11
10	3,610	1	75			444	361	53	30		4,959	4,905	54	11,270	12
52	11,000					1,060	60	210	790		32,030	31,730	300	52,325	13
65	23,600					504	60	341	103		37,446	37,376	70	72,568	14
2	625	28	5,730			1,701	1,375	170	156		13,123	13,050	73	25,300	15
38	13,050					607	180	67	360		8,701	8,571	130	29,150	16
23	6,217					470	331	93	46		7,538	7,461	77	22,410	17
22	5,320					197	108	82	7		4,681	4,581	100	14,325	18
20	9,200					1,077	826	146	105		14,564	14,480	84	32,950	19
25	5,760	2	400			1,761	960	281	520		17,352	16,689	663	43,486	20
17	7,280					1,782	240	423	1,119		4,484	4,203	281	31,901	21
12	4,610					545	344	91	110		10,596	10,509	87	17,511	22
686	199,039	523	49,546	89	7,260	469,899		20,194	449,705		823,678	810,328	13,350	1,865,153	23
8	3,325					1,327	342	83	902		4,129	4,087	42	11,755	24
294	56,238	164	23,963	13	1,725	15,461	1,500	5,494	8,467		333,854	328,973	4,881	490,136	25
487	123,366	10	2,000	13	1,650	16,304	985	2,559	12,760		248,414	247,314	1,100	468,754	26
4	1,888					1,811	852	82	77	$800	865	774	91	8,900	27
390	139,691	354	49,454	104	11,611	49,055	13,651	9,810	25,519	75	1,197,345	1,180,389	16,956	1,712,649	28

and heating, 1; hats and caps, not including fur hats and wool hats, 1; hosiery and knit goods, 1; ice, manufactured, 2; lock and gun smithing, 2; mineral and soda waters, 2; paper hanging, 1; paving and paving materials, 1; photography, 2; saddlery and harness, 2; silk and silk goods, 1; soap and candles, 1; stereotyping and electrotyping, 1; upholstering materials, 1.

RICHMOND.

11,565	$4,292,348	4,399	$796,997	728	$92,314	$6,158,301	$181,456	$132,687	$5,263,566	$580,592	$13,161,697	$12,838,895	$322,802	$28,900,616	1
18	5,322	62	15,622	2	150	47,891	2,406	1,957	43,528		453,616	452,731	885	598,319	2
23	8,714			3	310	4,289	3,145	115	779	250	11,111	10,597	514	35,431	3
93	41,802			6	760	8,446	4,360	480	3,606		31,185	29,401	1,784	122,522	4
41	17,690	72	12,905	1	106	8,041	3,066	297	2,878	1,800	19,237	17,720	1,517	95,276	5
51	18,336	1	500	3	233	7,483	6,631	155	697		24,613	23,698	915	76,239	6
14	5,800					685	150	465	70		25,908	25,608	300	40,757	7
261	83,623	453	72,331	87	12,655	31,497	1,026	2,822	27,649		280,550	276,363	4,187	548,826	8
95	34,011	11	1,380	3	600	13,289	1,660	1,188	10,441		93,062	92,847	215	175,857	9
154	64,898	7	1,520	1	200	8,224	4,918	869	2,437		161,603	157,261	4,342	300,790	10
137	36,140			2	104	3,230	500	940	1,790		19,174	1,945	17,229	83,600	11
30	7,205	3	900	3	400	1,420	900	20	300	200	14,006	13,879	127	38,893	12
367	143,677			1	170	395,136	3,516	1,725	4,919	384,976	286,411	286,006	405	982,125	13
118	51,160			2	200	14,054	4,800	1,478	6,876	900	50,117	48,460	1,657	163,444	14
702	350,124	5	960			8,698		1,314	7,384		269,853	262,282	7,571	647,155	15
150	84,609	31	8,155	1	104	14,801	10,127	660	3,714	300	86,131	85,068	1,063	262,225	16
3	2,050	55	12,355			4,303	3,483	300	520		8,226	7,466	760	48,409	17
72	22,948	9	1,515	4	468	8,914	6,160	715	2,039		137,278	134,685	2,593	233,217	18
32	5,576					1,182	796	146	240		22,875	22,850	25	32,390	19
13	4,792	6	1,192	1	78	3,145	1,156	295	1,694		5,015	4,062	953	32,070	20
34	15,117					4,541	1,914	62	2,565		95,221	94,805	416	142,911	21
423	121,982					136,300		10,712	125,588		621,597	600,557	21,040	1,045,063	22
1,480	758,768			71	15,860	104,920	4,737	9,173	86,717	4,293	1,559,393	1,486,622	72,771	2,594,186	23
31	10,554					3,832	2,880	307	645		22,676	22,291	385	59,820	24
15	10,800					5,790	400	1,200	4,190		14,133	2,795	11,338	64,932	25
2	600					338	290	3	45		2,160	2,115	45	6,635	26
8	3,012					2,548	2,040	118	390		7,575	7,530	45	23,256	27
317	122,672					110,928	3,990	4,094	14,044	88,800	249,966	248,056	1,910	561,886	28
3	1,300	79	23,770	1	130	10,931	7,692	367	2,122	750	79,750	79,390	360	153,420	29
32	13,845					2,943	400	630	1,913		17,259	17,119	140	43,760	30
42	22,770					971	80	198	443	250	13,157	12,866	291	43,300	31
117	48,368					3,172	2,116	42	1,014		38,954	38,849	105	124,641	32
42	22,496			2	260	2,941	1,824	116	901	100	13,996	13,884	112	56,875	33
45	15,000					197	90	97	10		18,690	18,690		48,950	34
16	6,065	1	390	2	260	3,877	2,610	582	685		8,917	8,853	64	36,086	35
23	12,350					483	427		56		10,267	10,267		27,880	36

TABLE 8.—MANUFACTURES IN CITIES

RICHMOND—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES AND CITIES AND TOWNS.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
37	Plumbing, and gas and steam fitting	33	$97,524	$9,130	$7,200	$8,808	$72,386	46	17	$9,824	190	$87,905
38	Printing and publishing, book and job	18	1,048,768	13,000	19,100	231,492	785,176	18	64	55,223	291	142,035
39	Printing and publishing, newspapers and periodicals.	29	463,600	16,500	23,000	218,700	205,400	19	68	44,435	225	126,926
40	Roofing and roofing materials	3	54,000	3,500	5,000	2,625	42,875	5	4	2,260	32	16,500
41	Saddlery and harness	11	91,575	4,000	2,000	5,125	80,450	15	10	6,044	75	25,320
42	Shirts	4	47,440		26,000	7,690	13,750	5	6	7,900	104	24,481
43	Tinsmithing, coppersmithing, and sheet-iron working.	15	56,800	9,800	11,200	10,010	25,790	16	3	2,000	47	23,049
44	Tobacco, chewing, smoking, and snuff	17	2,088,661	75,148	128,219	298,689	1,586,605	15	252	253,754	2,328	485,046
45	Tobacco, cigars and cigarettes	22	521,839	15,095	63,125	213,094	230,525	24	106	184,472	2,293	491,176
46	Tobacco, stemming and rehandling	10	443,950	9,000	21,000	27,750	386,200	13	25	16,850	662	74,792
47	Typewriter repairing	3	1,775			375	1,400	1	1	300	4	2,390
48	Watch, clock, and jewelry repairing	27	47,285	12,000	9,000	7,000	19,285	30	3	1,800	40	22,268
49	Wirework, including wire rope and cable.	3	1,485			65	1,420	4			1	300
50	All other industries[1]	65	5,882,632	1,349,438	658,899	1,519,701	2,354,594	49	243	340,124	4,405	1,298,752

[1] Embraces agricultural implements, 2; artificial limbs, 1; awnings, tents, and sails, 2; babbitt metal and solder, 1; bags, other than paper, 1; bags, paper, 1; baskets, and rattan and willow ware, 1; bluing, 1; boots and shoes, factory product, 1; boxes, cigar, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by street railroad companies, 1; cheese and butter, urban dairy products, 1; clothing, women's, factory product, 2; coffee and spice, roasting and grinding, 2; druggists' preparations, not including prescriptions, 1; flavoring extracts, 1; flouring and grist mill products, 2; food preparations, 1; fur goods, 1; furniture, factory product, 1; gas, illuminating and heating, 1; glass, 1; glass, cutting, staining, and ornamenting, 1; grease and tallow, 1; hairwork, 2; hand

ROANOKE.

1	All industries	120	$2,057,754	$90,160	$612,890	$527,648	$827,056	129	205	$169,317	2,688	$1,178,542
2	Bicycle and tricycle repairing	3	2,405			2,250	155	3			3	1,104
3	Blacksmithing and wheelwrighting	8	3,565	750	215	475	2,125	10			10	2,877
4	Boots and shoes, custom work and repairing.	7	564			483	81	7			2	732
5	Bread and other bakery products	3	5,938	950	4,500	400	88	4	1	480	4	1,380
6	Carpentering	9	3,535	10	25	600	2,900	10			62	14,100
7	Carriages and wagons	4	11,725	1,600	1,550	1,300	7,275	5			16	6,670
8	Clothing, men's, custom work and repairing.	7	8,046			720	7,326	10			31	6,805
9	Flouring and grist mill products	3	52,000	2,700	9,500	13,800	26,000	4	3	1,860	9	3,780
10	Millinery, custom work	9	13,780	500	1,500	280	11,500	11			22	4,170
11	Painting, house, sign, etc	6	9,595			925	8,670	5	3	1,260	14	6,025
12	Photography	3	2,550			1,800	750	4			2	534
13	Plumbing, and gas and steam fitting	4	8,400			1,600	6,800	5			27	8,109
14	Printing and publishing, book and job	3	94,694			52,411	42,283	2	9	6,608	74	32,439
15	Printing and publishing, newspapers and periodicals.	3	25,500			20,700	4,800	1	3	2,860	20	14,354
16	Saddlery and harness	3	1,345			85	1,260	4			2	1,056
17	Watch, clock, and jewelry repairing	6	2,795			1,175	1,620	5	1	240	2	1,320
18	All other industries[1]	39	1,811,317	83,650	595,600	428,644	703,423	39	185	156,009	2,388	1,073,087

[1] Embraces bottling, 1; brick and tile, 1; cars and general shop construction and repairs by steam railroad companies, 1; clothing, men's, factory product, 2; clothing, women's, dressmaking, 2; confectionery, 2; dyeing and cleaning, 2; fertilizers, 1; foundry and machine shop products, 2; furniture, cabinetmaking, repairing, and upholstering, 2; furniture, factory product, 1; gas, illuminating and heating, 1; ice, manufactured, 2; iron and steel, 2; ironwork, architectural and

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and towns	1,419	$36,154,034	$3,801,561	$6,355,272	$7,424,474	$18,572,727	1,638	1,194	$1,090,298	23,108	$7,583,785
2	Alexandria	172	1,779,334	171,820	364,772	532,416	710,326	196	104	79,728	1,065	443,024
3	Berkley	48	1,740,919	764,050	141,550	233,484	601,835	46	56	64,301	1,186	485,434
4	Bristol	56	860,211	146,755	241,783	200,594	271,079	63	57	38,501	746	241,380
5	Buena Vista	22	921,135	8,200	191,415	330,718	390,802	21	24	33,388	390	126,698
6	Charlottesville	79	827,234	75,436	121,417	186,767	443,614	87	55	56,708	487	153,857
7	Danville	139	5,832,258	158,924	664,914	1,804,078	3,204,342	185	248	182,695	5,143	1,040,820
8	Fredericksburg	62	759,614	45,050	164,772	204,754	345,038	70	43	32,209	552	147,726
9	Hampton	40	189,377	14,800	14,450	22,967	137,160	43	13	7,024	217	110,352
10	Harrisonburg	55	521,573	62,550	100,895	102,530	255,598	66	12	15,352	244	78,553
11	Lexington	26	49,658	4,200	22,144	11,263	12,051	30	8	3,770	51	16,039
12	Lynchburg	168	3,445,557	159,938	434,951	1,199,849	1,650,819	214	111	109,247	2,452	731,206
13	Manchester	36	763,043	51,100	185,139	211,667	315,137	39	63	56,089	923	372,809
14	Martinsville	22	461,780	11,150	48,450	56,865	345,315	27	51	41,260	810	110,131
15	Newport News	123	14,999,735	1,953,982	3,239,616	1,672,219	8,133,918	133	144	214,117	5,675	2,556,938
16	Portsmouth	103	1,179,144	64,500	147,589	228,939	738,116	111	107	82,636	1,154	483,763
17	Salem	40	421,473	4,437	69,070	70,925	277,041	53	13	13,310	181	68,315
18	Staunton	89	438,270	46,827	50,862	111,775	228,806	103	15	10,263	316	90,715
19	Suffolk	67	402,079	24,932	49,211	102,110	225,826	73	28	22,375	881	197,849
20	Winchester	72	561,640	32,910	102,272	140,554	285,904	78	42	27,325	635	128,176

BY SPECIFIED INDUSTRIES: 1900—Continued.

RICHMOND—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
188	$87,489			2	$416	$12,469	$9,092	$910	$2,467		$138,190	$137,184	$1,006	$365,285	37
225	127,057	61	$14,432	5	546	95,913	6,705	4,238	30,798	$54,172	147,009	141,898	5,111	538,682	38
203	120,144	17	6,144	5	638	112,166	8,963	2,326	58,679	42,198	83,773	79,654	4,119	448,572	39
32	16,500					2,216	216	130	1,870		43,910	43,750	160	79,640	40
74	25,160			1	160	7,020	3,836	605	2,579		121,327	120,296	1,031	234,021	41
19	7,811	78	16,070	7	600	16,064	1,760	159	14,145		21,354	20,400	954	79,143	42
47	23,049					3,385	2,075	364	946		52,692	52,335	357	128,971	43
1,224	324,993	864	139,066	240	20,987	2,118,034	17,420	32,459	2,068,155		1,926,504	1,902,665	23,839	5,223,733	44
435	129,185	1,746	347,612	112	14,379	2,368,974	6,175	5,429	2,357,370		1,021,703	1,016,682	5,021	4,389,745	45
297	44,655	354	29,739	11	398	25,496	8,025	2,014	15,457		739,072	734,605	4,467	924,325	46
4	2,390					410	300		110		1,480	1,470	10	7,150	47
39	22,118			1	150	7,050	5,638	244	968	200	11,692	11,327	365	69,125	48
1	300					188	168		20		507	492	15	2,820	49
3,773	1,187,321	484	90,439	148	20,992	409,476	20,793	40,167	347,113	1,403	4,078,802	3,958,519	120,283	6,858,258	50

stamps, 2; iron and steel, 2; kaolin and other earth grinding, 1; leather, tanned, curried, and finished, 2; lime and cement, 1; liquors, malt, 1; lithographing and engraving, 2; marble and stone work, 1; masonry, brick and stone, 2; mattresses and spring beds, 2; paper and wood pulp, 2; patent medicines and compounds, 2; perfumery and cosmetics, 1; photolithographing and photoengraving, 1; pickles, preserves, and sauces, 2; printing materials, 1; sewing machine repairing, 1; shipbuilding, iron and steel, 1; tin and terne plate, 1; tools, not elsewhere specified, 1; trunks and valises, 1; upholstering materials, 1; varnish, 1; woodenware, not elsewhere specified, 1.

ROANOKE.

2,570	$1,163,114	84	$10,666	34	$4,762	$122,145	$16,095	$9,754	$91,176	$5,120	$3,730,926	$3,398,169	$332,757	$5,709,817	1
2	1,020			1	84	436	328	18	90		2,379	2,267	112	4,900	2
9	2,757			1	120	422	284	18	120		2,480	2,386	94	9,850	3
1	492			1	240	407	405	2			1,158	1,103	55	6,171	4
3	1,200	1	180			585	480	67	38		4,082	3,734	348	7,530	5
61	14,000			1	100	5,571	411	3	57	5,100	36,525	36,475	50	66,011	6
16	6,670					798	480	58	260		7,343	7,183	160	20,818	7
17	4,930	14	1,875			1,365	1,044	86	235		10,007	9,825	182	25,374	8
9	3,780					1,177		327	850		196,392	195,372	1,020	226,172	9
		20	4,030	2	140	3,091	2,580	126	385		18,028	17,822	206	35,950	10
14	6,025					1,148	840	82	206	20	10,498	10,438	60	21,950	11
1	384	1	150			961	522	19	420		1,866	1,823	43	6,650	12
26	7,940			1	169	779	702	59	18		11,235	11,105	130	25,500	13
52	31,480	22	959			7,428	1,800	215	5,413		40,958	39,733	1,225	96,064	14
20	14,354					3,731	1,120	121	2,490		5,919	5,202	717	31,475	15
2	1,056					341	312	13	16		1,409	1,377	32	4,400	16
2	1,320					741	651	15	75		1,112	1,025	87	7,780	17
2,335	1,065,706	26	3,472	27	3,909	93,164	4,136	8,525	80,503		3,379,535	3,051,299	328,236	5,113,222	18

ornamental, 1; jewelry, 1; liquors, malt, 1; lock and gun smithing, 1; looking-glass and picture frames, 1; lumber and timber products, 1; lumber, planing mill products, including sash, doors, and blinds, 2; monuments and tombstones, 1; patent medicines and compounds, 1; plastering and stuccowork, 1; roofing and roofing materials, 1; tinsmithing, coppersmithing, and sheet-iron working, 2; tobacco, chewing, smoking, and snuff, 1; tobacco, cigars and cigarettes, 2.

TOWNS UNDER 20,000 IN POPULATION: 1900.

17,194	$6,765,488	3,776	$602,249	2,138	$216,048	$2,962,627	$228,997	$132,071	$2,336,149	$265,410	$21,655,023	$21,095,042	$559,981	$37,882,711	1
947	421,000	99	20,565	19	1,459	282,115	12,419	9,810	248,983	10,903	788,671	764,783	23,888	1,890,383	2
1,021	463,906	159	20,722	6	806	117,420	10,627	7,367	72,276	27,150	1,482,572	1,476,901	5,671	2,391,048	3
712	236,383	20	3,160	14	1,837	38,056	6,159	7,585	24,312		579,654	542,095	37,559	1,092,628	4
353	118,706	37	7,992			30,495	1,204	2,606	26,685		1,063,877	888,689	175,188	1,477,150	5
346	126,237	139	27,420	2	200	43,938	7,895	3,203	27,840	5,000	387,690	378,977	8,713	858,144	6
2,605	684,069	1,585	253,268	953	103,483	678,040	54,691	46,345	566,684	10,320	5,187,771	5,142,501	45,270	8,103,484	7
383	123,662	138	20,746	31	3,318	29,369	5,191	3,251	20,677	250	454,411	440,973	13,438	810,242	8
208	108,428	6	1,504	3	420	57,477	6,631	471	2,175	48,200	315,196	311,568	3,628	578,486	9
227	76,169	8	1,526	9	858	30,187	2,817	2,674	19,571	5,125	458,558	453,181	5,377	682,654	10
47	15,239	4	800			7,524	2,605	548	453	3,918	28,874	23,855	5,019	77,564	11
1,822	648,504	446	70,551	184	12,151	684,713	32,644	12,021	563,998	76,050	2,331,380	2,270,192	61,188	4,503,037	12
781	343,643	114	24,475	28	4,691	56,641	6,374	3,857	43,410	3,000	1,178,131	1,153,486	24,645	1,746,192	13
403	80,036	141	13,769	266	16,326	304,280	3,111	4,429	296,740		262,233	257,935	4,298	781,286	14
5,303	2,503,294	49	10,068	323	43,576	297,411	21,407	12,914	200,990	62,100	3,369,545	3,275,344	94,201	6,976,670	15
942	446,487	167	31,835	45	5,441	95,644	27,025	5,322	62,683	614	968,752	954,448	14,304	1,854,997	16
164	64,665	11	3,000	6	650	82,510	2,314	1,555	77,441	1,200	533,254	528,037	5,217	768,435	17
232	78,616	73	10,924	11	1,175	41,727	9,978	3,084	22,085	6,580	622,142	613,060	9,082	900,750	18
478	156,454	244	29,730	159	11,665	48,979	10,697	1,608	36,674		1,060,006	1,053,712	6,294	1,499,068	19
220	69,990	336	50,194	79	7,992	36,101	5,208	3,421	22,472	5,000	582,306	565,305	17,001	890,493	20

WASHINGTON.

Washington was organized as a territory March 2, 1853, being set off from Oregon. The Eighth Census (1860) was the first, therefore, in which the statistics of Washington were published separately. In 1863 the territory was reduced to its present area, so that the statistics for 1870 are the earliest that are strictly comparable with the later censuses. Washington was admitted as a state November 11, 1889.

Table 1 shows the manufacturing and mechanical industries of the state as returned at the censuses of 1860 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1860 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.					PER CENT OF INCREASE.			
	1900	1890	1880	1870	1860	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870
Number of establishments	3,631	1,543	261	269	52	135.3	491.2	[1]3.0	417.3
Capital	$52,649,760	$34,369,735	$3,202,497	$1,893,674	$1,296,200	53.2	973.2	69.1	46.1
Salaried officials, clerks, etc., number	2,242	[2]1,689	(3)	(3)	(3)	32.7	--------	--------	--------
Salaries	$2,164,024	[2]$1,646,720	(3)	(3)	(3)	31.4	--------	--------	--------
Wage-earners, average number	33,806	18,677	1,147	1,026	870	81.0	1,528.3	11.8	17.9
Total wages	$19,106,873	$11,011,894	$532,226	$574,936	$453,601	73.5	1,969.0	[1]7.4	26.7
Men, 16 years and over	32,325	18,064	1,110	1,025	866	78.9	1,527.4	8.3	18.4
Wages	$18,669,237	$10,802,496	(3)	(3)	(3)	72.8	--------	--------	--------
Women, 16 years and over	1,216	483	25	1	4	151.8	1,832.0	2,400.0	[1]75.0
Wages	$383,970	$186,562	(3)	(3)	(3)	105.8	--------	--------	--------
Children, under 16 years	265	130	12	(3)	(3)	103.8	983.3	--------	--------
Wages	$53,666	$22,836	(3)	(3)	(3)	135.0	--------	--------	--------
Miscellaneous expenses	$3,860,455	$2,180,557	(4)	(4)	(4)	77.0	--------	--------	--------
Cost of materials used	$49,099,182	$19,917,057	$1,967,469	$1,435,128	$502,021	146.5	912.3	37.1	185.9
Value of products, including custom work and repairing	$86,795,051	$41,768,022	$3,250,134	$2,851,052	$1,406,921	107.8	1,185.1	14.0	102.6
Total population	[5]511,786	349,390	75,116	23,955	11,594	46.5	365.1	213.6	106.6
Wage-earners engaged in manufactures	33,806	18,677	1,147	1,026	870	81.0	1,528.3	11.8	17.9
Per cent of total population	6.6	5.3	1.5	4.3	7.5	--------	--------	--------	--------
Assessed value of real estate	[6]$177,822,995	$177,204,671	$11,335,923	$5,146,776	$1,876,063	0.3	1,463.2	120.3	174.3
Value of land and buildings invested in manufactures[7]	$15,846,854	$12,776,478	(3)	(3)	(3)	24.0	--------	--------	--------
Per cent of assessed value	8.9	7.2	--------	--------	--------	--------	--------	--------	--------

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[3] Not reported separately.
[4] Not reported.
[5] Exclusive of 6,317 Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[6] As given for the year 1900 in Dana's supplement, "State and City," to the Commercial and Financial Chronicle, under date of April 13, 1901.
[7] Does not include value of rented property.

Table 1 shows the notable growth in the manufacturing and mechanical industries of Washington during the last forty years. The population during these years increased from 11,594 to 511,786, while the average number of wage-earners employed in manufacturing establishments increased from 870 to 33,806, embracing, in 1900, 6.6 per cent of the entire population, compared with 7.5 per cent in 1860. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 52,347, or 10.2 per cent of the total population of the state. Measured by the value of products, the greatest percentage of increase was during the decade ending with the year 1890, although the greatest absolute increase, $45,027,029, was between the years 1890 and 1900. The notable growth of the state in manufactures occurred, therefore, during these two decades. Previously the population increased more rapidly than the number of wage-earners engaged in manufactures.

The state of Washington possesses diversified and extensive natural resources, large navigable rivers and lakes, spacious harbors, including the remarkable Puget Sound basin, and a geographical position which furnishes great commercial advantages. Falls and rapids abound, with great waterpower, the falls at Spokane alone being estimated at 35,000 horsepower.[1] Early industrial development was hindered by lack of transportation facilities, but rapid growth began in 1885, when through railroad communication was established with the older settled parts of the United States. Three transcontinental lines now have their termini at Seattle. In 1897 the discovery of gold in Alaska and in Yukon, and, later, the expanding trade with the Orient, gave new impetus to the industries of the state.

The mineral-bearing deposits of the state are not greatly developed, yet the coal mines in 1899 produced 2,029,881 short tons.[2] The output of gold in 1899 was 33,156 fine ounces, and of silver, 256,000 fine ounces.[3] The largest part of the ore used in lead smelting is brought to Puget Sound

[1] Appleton's Universal Cyclopædia, Vol. XII, page 297.
[2] United States Geological Survey: Mineral Resources, 1899, Metallic Products, Coal, and Coke, page 508.
[3] Ibid., page 127.

from the Cœur d'Alene district in Idaho, that it may meet the fuel and encounter ores carrying the precious metals.[1] Much is imported from British Columbia and Mexico. Of the ore used in copper smelting the greater part is of domestic production.

[1] United States Geological Survey: Mineral Resources, 1899, Metallic Products, Coal, and Coke, page 227.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for governmental establishments, penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	3,952	$53,866,322	4,448	34,028	$19,178,659	$3,872,908	$49,253,881	$16,842,307	$30,461,281	$1,950,293	$87,105,242
Hand trades[1]	1,418	2,774,105	1,631	4,973	3,443,882	843,172	5,743,572	369,296	5,202,482	171,794	12,646,361
Governmental establishments	2	851,051	-------	86	66,821	-------	70,509	-------	67,859	2,6[illegible]0	137,330
Penal institutions	4	213,751	-------	-------	-------	2,974	57,899	41,816	4,679	11,404	88,914
Establishments with a product of less than $500	315	151,760	342	136	4,965	9,479	26,291	2,265	24,026	-------	83,947
All other establishments	2,213	49,875,655	2,475	28,833	15,662,991	3,017,283	43,355,610	16,428,930	25,162,235	1,764,445	74,148,690

[1] Includes bicycle and tricycle repairing, 50; blacksmithing and wheelwrighting, 267; boots and shoes, custom work and repairing, 143; carpentering, 209; clothing, men's, custom work and repairing, 159; clothing, women's, dressmaking, 71; dyeing and cleaning, 18; furniture, cabinetmaking, repairing, and upholstering, 37; lock and gun smithing, 21; masonry, brick and stone, 38; millinery, custom work, 89; painting, house, sign, etc., 94; plastering and stuccowork, 18; plumbing, and gas and steam fitting, 79; sewing machine repairing, 1; taxidermy, 2; typewriter repairing, 1; watch, clock, and jewelry repairing, 121.

Of the 3,952 establishments of all classes shown in this table, 1,733, or 43.9 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $12,730,308, or only 14.6 per cent of the total value of the products of the state.

In addition to the 3,952 active establishments in the state during the census year, with a capital of $53,866,322, shown in Table 2, there were 42 idle establishments, with a capital of $8,479,707, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Agricultural implements	1	$50,000	Glass	1	$60,000
Brick and tile	6	29,953	Iron and steel (blast furnace)	1	468,656
Fish, canning and preserving	2	60,800	Lumber and timber products	12	7,714,493
Flouring and grist mill products	2	17,500	Woolen goods	1	50,250
Fruits and vegetables, canning and preserving	12	18,945	All other industries	4	9,110

TABLE 3.—COMPARATIVE SUMMARY OF TEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Total for selected industries for state	1900	1,391	$37,811,584	23,080	$12,445,522	$2,043,117	$30,070,488	$52,769,825
	1890	755	27,663,374	12,836	7,083,157	1,698,177	13,255,159	27,354,282
Increase, 1890 to 1900	-------	636	10,148,210	10,244	5,362,365	344,940	16,815,329	25,415,543
Per cent of increase	-------	84.2	36.7	79.8	75.7	20.3	126.9	92.9
Per cent of total of all industries in state	1900	38.3	71.8	68.3	65.1	52.9	61.2	60.8
	1890	48.9	80.5	68.7	64.3	77.9	66.6	65.5
Cars and general shop construction and repairs by steam railroad companies.	1900	16	944,800	956	653,205	14,264	760,858	1,479,680
	1890	4	272,195	342	278,628	-------	175,492	461,561
Cheese, butter, and condensed milk, factory product	1900	60	304,178	146	80,935	16,516	932,190	1,190,239
	1890	3	9,850	3	1,050	262	24,475	33,100
Fish, canning and preserving	1900	36	2,222,726	2,190	711,214	285,353	3,086,865	4,831,038
	1890	7	320,790	316	63,820	33,801	346,532	525,000
Flouring and grist mill products	1900	85	2,693,282	488	281,310	167,070	5,803,909	6,875,672
	1890	38	1,140,630	170	97,968	85,764	2,013,304	2,460,809
Foundry and machine shop products	1900	80	1,629,377	1,075	694,675	83,577	970,092	2,257,643
	1890	27	938,780	515	445,632	58,766	559,652	1,347,700
Liquors, malt	1900	25	1,506,762	211	171,456	385,884	294,565	1,230,525
	1890	13	1,328,329	209	176,970	193,186	424,637	1,178,306
Lumber and timber products	1900	778	26,041,089	15,696	8,511,224	748,946	16,455,553	30,286,280
	1890	462	21,400,307	9,491	4,643,564	1,046,753	8,331,336	17,450,301

TABLE 3.—COMPARATIVE SUMMARY OF TEN LEADING INDUSTRIES: 1900—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Lumber, planing mill products, including sash, doors, and blinds	1900	29	$762,120	647	$329,396	$66,152	$685,263	$1,257,369
	1890	39	899,765	839	645,942	48,087	1,001,396	2,030,279
Printing and publishing:								
Total	1900	246	1,159,166	930	501,806	242,940	346,143	1,855,730
	1890	145	1,197,108	780	645,078	226,521	309,450	1,678,541
Book and job	1900	58	363,052	304	186,306	40,034	139,603	534,686
	1890	20	161,926	118	99,711	21,145	75,323	278,477
Newspapers and periodicals	1900	188	796,114	626	315,500	202,906	206,540	1,321,044
	1890	125	1,035,182	662	545,367	205,376	234,127	1,400,064
Ship and boat building, wooden	1900	36	548,084	741	510,301	32,415	735,050	1,505,649
	1890	17	155,620	171	84,505	5,037	68,885	188,685

The 10 leading industries of the state in 1900, as shown in Table 3, embraced 1,391 establishments, or 38.3 per cent of the total number in the state; used a capital of $37,811,584, or 71.8 per cent of the total; gave employment to 23,080 wage-earners, or 68.3 per cent of the total number; and paid $12,445,522, or 65.1 per cent of the total wages. The value of their products was $52,769,825, or 60.8 per cent of the total. In the discussion of Table 3, which follows, the industries are ranked with reference to the value of their products.

Table 3 shows that the manufacture of lumber and timber products is the most important industry in the state. The 778 establishments reported in 1900 gave employment to 15,696 wage-earners, or 46.4 per cent of the wage-earners in the state, and their products were valued at $30,286,280, or 34.9 per cent of the total value of the products of the state. In 1890 there were 462 establishments, 9,491 wage-earners, and products valued at $17,450,301. The increase in the value of products during the decade was $12,835,979, or 73.6 per cent. A period of special activity marked the close of the decade, 226 establishments having begun operations during the census year. The total stand of merchantable timber in the Puget Sound district, or that part of the state west of the Cascade Mountains, is very large. More than 95 per cent of the entire product of the lumber industry in 1900 was reported from the 19 counties of this section, the center being in King county, where there were 72 establishments, having an aggregate product valued at $5,220,548, or more than one-sixth of the total value of the lumber and timber products of the state. The characteristic products of these mills are red fir lumber and cedar shingles. The first waterpower sawmill was built at Tumwater, about two miles from Olympia, in 1847, and the first logging company was organized at Olympia in 1848.[1] The first steam sawmill in the state was built in 1853, on a site now in the business center of Seattle. The first shingle mill was built in 1854, on McAllister Creek, near the mouth of the Nesqually River.

The manufacture of flouring and grist mill products ranked second among the industries of the state in 1900, with 85 establishments, 488 wage-earners, and products valued at $6,875,672. In 1890 there were 38 establishments, 170 wage-earners, and products valued at $2,460,809. The increase in the value of products during the decade was $4,414,863, or 179.4 per cent. The products in 1900 included 1,868,780 barrels of wheat flour, some of which was exported to China and Japan. Before 1839 Marcus Whitman built a gristmill for his colony at Wallawalla,[2] but the first on Puget Sound did not come into existence until 1846, at the falls of the Deschutes River, about two miles from Olympia.[3]

There were 36 establishments engaged, in 1900, in fish canning and preserving, the industry third in rank, with 2,190 wage-earners, and products valued at $4,831,038. In 1890 there were 7 establishments, 316 wage-earners, and products valued at $525,000. The increase in the value of products during the decade was $4,306,038, or 820.2 per cent. The business of packing and preserving fish, both for domestic use and for sale, began with the settlement of the territory. Salmon and oysters were first shipped to San Francisco in 1850–1851.[4] The waters teemed with fish, and not until the establishment of canneries was there any perceptible decrease in their numbers. The new systems and methods introduced soon depleted the rivers, and in order to restock them the state, in 1895–1896, built its first fish hatchery, on the Kalama River, a tributary of the Columbia.[5] In 1900 the state owned 14 hatcheries, and turned out 57,156,500 young salmon—16,635,500 into the Columbia and 40,521,000 into other rivers.[6]

There were 80 establishments engaged in the manufacture of foundry and machine shop products in 1900, with 1,075 wage-earners, and products valued at $2,257,643. In 1890 there were 27 establishments, 515 wage-earners, and products valued at $1,347,700. The increase in the value of products during the decade was $909,943, or 67.5 per cent. Foundries and machine shops were necessary

[1] Pioneer Days on Puget Sound, by A. A. Denny.

[2] History of Marcus Whitman and the Early Days of Oregon, by Wm. A. Mowry, page 108.

[3] The Works of H. H. Bancroft, Vol. XXXI, page 8.

[4] Marine History of the Pacific Northwest, by Lewis and Dryden, page 32.

[5] Report of Washington Fish Commissioner, 1897–1898.

[6] Ibid., 1899–1900.

adjuncts of sawmills, and some of the early mill companies also made castings for other mills and for steamboats. The first regular custom foundry and machine shop was established at Olympia in 1855.

There were 246 establishments engaged in printing and publishing in 1900, with 930 wage-earners, and products valued at $1,855,730. In 1890 there were 145 establishments, 780 wage-earners, and products valued at $1,678,541. The increase in the value of products during the decade was $177,189, or 10.6 per cent. The first newspaper published in Washington was The Columbian, established at Olympia, September 11, 1852.

There were 36 establishments engaged in wooden ship and boat building in 1900, with 741 wage-earners, and products valued at $1,505,649. In 1890 there were 17 establishments, 171 wage-earners, and products valued at $188,685. The increase in the value of products during the decade was $1,316,964, or 698 per cent. Ship and boat building, one of the pioneer industries of Washington, was begun at several places in 1853.[1] The first steamboat built in the territory was the Julia Barclay, at Port Blakeley, in 1858.[2] Many kinds of craft, ranging from the launch to the battleship, are now constructed at the Washington shipyards. The Washington fir is said to furnish timber peculiarly adapted to shipbuilding because of its great strength, durability, and excellent texture.

There were 16 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 956 wage-earners, and products valued at $1,479,680. In 1890 there were 4 establishments, 342 wage-earners, and products valued at $461,561. The increase in the value of products during the decade was $1,018,119, or 220.6 per cent.

There were 29 establishments engaged in the manufacture of planing mill products in 1900, with 647 wage-earners, and products valued at $1,257,369. In 1890 there were 39 establishments, 839 wage-earners, and products valued at $2,030,279. The decrease in the value of products during the decade was $772,910, or 38.1 per cent.

There were 25 establishments engaged in the manufacture of malt liquors in 1900, with 211 wage-earners, and products valued at $1,230,525. In 1890 there were 13 establishments, 209 wage-earners, and products valued at $1,178,306. The increase in the value of products during the decade was $52,219, or 4.4 per cent. The first brewery in the state was built at Steilacoom, Pierce county, in 1854. The beer was brewed in an open 5-barrel kettle suspended from a crane over an open fire. The state produces both barley and hops of a superior quality in quantities sufficient for domestic uses. In 1899 the barley crop was 1,410,360 bushels.[3]

There were 60 establishments engaged in the factory manufacture of cheese, butter, and condensed milk in 1900, with 146 wage-earners, and products valued at $1,190,239. In 1890 there were 3 establishments, 3 wage-earners, and products valued at $33,100. The increase in the value of products during the decade was $1,157,139. The state has good dairying facilities, and there is an increasing demand for butter and cheese, much of which is still supplied by other states. In 1900 the creameries and cheese factories produced 3,198,421 pounds of butter and 1,482,127 pounds of cheese. The first creamery operated continuously in Washington was built at Ridgefield, Clarke county, in 1886.

Slaughtering and meat packing can not be shown in the comparative summary of leading industries, because the figures in 1890 were not published separately. The combined products of the 18 slaughtering and meat packing establishments reported in 1900 amounted to $4,892,857. There are several other important industries the statistics of which can not be shown, because the number of establishments in each is less than 3, and publication of the figures would disclose the operations of individual establishments. These industries include copper smelting and refining, the manufacture of iron and steel, lead smelting and refining, and the manufacture of paper and wood pulp. The paper mills not only supply the local market and the markets of the other Pacific coast states, but export products to Hawaii, Australia, China, and Japan.[4]

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Seattle and Tacoma, as returned at the censuses of 1890 and 1900, with the percentages of increase.

[1] Marine History of the Pacific Northwest, page 53.
[2] Ibid., page 74.
[3] Yearbook of the Department of Agriculture, 1899, page 768.
[4] State of Washington, Its Resources, Natural, Industrial, and Commercial, 1901, page 160.

TABLE 4.—COMPARATIVE SUMMARY, SEATTLE AND TACOMA, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
The State	1900	3,631	$52,649,760	33,806	$19,106,873	$3,860,455	$49,099,182	$86,795,051
	1890	1,543	34,369,735	18,677	11,011,894	2,180,557	19,917,057	41,768,022
Per cent of increase		135.3	53.2	81.0	73.5	77.0	146.5	107.8
Seattle	1900	953	10,131,651	8,480	5,575,253	1,479,604	14,211,191	26,373,402
	1890	331	4,758,283	3,768	3,083,731	495,061	4,778,384	10,203,007
Per cent of increase		187.9	112.9	125.1	80.8	198.9	197.4	158.5
Tacoma	1900	381	8,146,691	4,347	2,356,028	461,017	7,389,166	12,029,497
	1890	225	7,227,201	3,658	2,723,235	464,674	5,171,658	10,432,955
Per cent of increase		69.3	12.7	18.8	[1] 13.5	[1] 0.8	42.9	15.3
Total for 2 cities	1900	1,334	18,278,342	12,827	7,931,281	1,940,621	21,600,357	38,402,899
	1890	556	11,985,484	7,426	5,806,966	959,735	9,950,042	20,635,962
Per cent of increase		139.9	52.5	72.7	36.6	102.2	117.1	86.1
Per cent of 2 cities to total for state	1900	36.7	34.7	37.9	41.5	50.3	44.0	44.2
	1890	36.0	34.9	39.8	52.7	44.0	50.0	49.4

[1] Decrease.

It appears from Table 4 that there has been a large increase during the past decade in the manufactures of these 2 cities. The number of establishments increased from 556 to 1,334, or 139.9 per cent; the average number of wage-earners from 7,426 to 12,827, or 72.7 per cent; and the value of products from $20,635,962 to $38,402,899, or 86.1 per cent.

Seattle, the leading manufacturing city of the state, shows the more rapid growth. The number of establishments increased from 331 to 953, or 187.9 per cent; the average number of wage-earners from 3,768 to 8,480, or 125.1 per cent; and the value of products from $10,203,007 to $26,373,402, or 158.5 per cent. The number of establishments, number of wage-earners, and value of products in this city in 1900 constituted 26.2, 25.1, and 30.4 per cent, respectively, of the totals for the state.

Table 5 presents the totals for the manufacturing industries of the 9 cities withdrawn from the enumerators and places them in comparison with the totals for the entire state and the state exclusive of these cities.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for state	3,631	$52,649,760	4,106	33,806	$19,106,873	$3,860,455	$49,099,182	$86,795,051
Total for urban manufactures	1,871	25,453,397	2,026	17,356	10,288,488	2,820,343	29,085,867	51,219,242
Dayton	47	274,665	50	69	40,645	13,947	430,941	573,516
Everett	84	1,681,549	83	900	509,009	168,022	1,820,523	2,803,382
Fairhaven	30	1,163,291	30	1,026	287,493	161,803	1,044,609	1,699,015
New Whatcom	71	448,219	75	359	195,394	31,345	293,237	643,931
Seattle	953	10,131,651	1,071	8,480	5,575,253	1,479,604	14,211,191	26,373,402
Snohomish	22	137,625	23	130	73,182	15,976	316,052	484,446
Spokane	213	2,678,823	225	1,779	1,080,618	414,526	2,854,463	5,427,540
Tacoma	381	8,146,691	385	4,347	2,356,028	461,017	7,389,166	12,029,497
Wallawalla	70	790,883	84	266	170,866	74,103	725,685	1,184,513
Total for state exclusive of urban manufactures	1,760	27,196,363	2,080	16,450	8,818,385	1,040,112	20,013,315	35,575,809
Per cent of urban manufactures to total for state	51.5	48.3	49.3	51.3	53.8	73.1	59.2	59.0

Of the 3,631 establishments in the state, 1,871, or 51.5 per cent, were located in these 9 cities. They furnished employment to 17,356 wage-earners, or 51.3 per cent of the total number, and the value of their products, $51,219,242, formed 59 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Seattle, Spokane, and Tacoma by specified industries.

Table 9 shows the totals for the cities withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

[No manufactures reported

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	3,631	$52,649,760	$10,504,214	$5,342,640	$15,563,736	$21,239,170	4,106	2,242	$2,164,024	33,806	$19,106,873
2	Adams[1]	7	35,755	1,375	4,250	12,880	17,250	5	-------	-------	15	7,700
3	Asotin	10	81,530	25,290	6,315	14,375	35,550	14	-------	-------	24	9,700
4	Chehalis	163	4,107,531	989,906	223,895	1,237,116	1,656,614	206	84	96,337	2,716	1,416,243
5	Clallam	34	267,814	56,150	20,200	93,985	97,479	38	11	11,265	291	126,812
6	Clarke	89	904,526	75,172	185,050	406,584	237,720	117	16	16,270	885	184,135
7	Columbia	55	400,055	26,700	73,265	81,690	218,400	60	13	11,880	135	83,233
8	Cowlitz	62	1,040,863	442,420	24,370	334,949	239,124	80	20	17,884	533	277,203
9	Douglas	7	19,475	1,120	2,525	5,300	10,530	9	-------	-------	4	2,544
10	Ferry	16	72,065	7,200	8,400	25,145	31,320	22	1	600	37	30,730
11	Garfield	5	36,660	7,275	1,900	9,635	17,850	6	-------	-------	11	6,155
12	Island	22	140,375	29,465	2,475	42,890	65,545	33	10	6,170	201	102,168
13	Jefferson	49	938,140	299,430	109,438	236,940	292,332	52	25	13,630	428	211,632
14	King	1,061	12,482,206	2,019,027	790,163	3,659,539	6,013,477	1,176	850	764,362	10,175	6,444,655
15	Kitsap	18	2,407,896	732,748	132,460	803,992	738,696	18	41	38,029	1,045	479,564
16	Kittitas	90	289,528	110,075	23,819	85,291	70,343	102	5	2,500	147	75,768
17	Klickitat	22	129,415	22,770	19,790	44,915	41,940	33	4	4,100	45	19,205
18	Lewis	119	1,269,354	330,973	185,170	355,674	397,537	132	44	37,902	756	376,639
19	Lincoln	54	451,181	23,735	48,720	137,337	241,389	67	15	14,028	83	46,686
20	Mason	24	1,519,102	625,099	35,455	415,935	442,613	18	34	44,380	1,315	939,014
21	Okanogan	11	59,286	8,265	6,400	23,365	21,256	14	5	2,880	33	20,143
22	Pacific	49	609,797	75,603	97,940	174,094	262,160	57	20	18,010	413	203,312
23	Pierce	455	8,515,365	1,576,666	1,063,793	2,224,369	3,650,537	473	304	337,160	4,791	2,569,842
24	San Juan	11	521,442	240,549	52,037	97,618	131,238	6	23	19,259	159	65,916
25	Skagit	90	2,058,380	667,739	189,690	675,571	525,380	97	63	66,050	1,212	652,869
26	Skamania	12	100,497	31,970	2,625	42,733	23,169	15	2	1,066	51	26,554
27	Snohomish	197	3,779,487	537,791	550,761	1,289,660	1,401,275	236	131	134,905	2,300	1,335,814
28	Spokane	283	3,435,531	222,225	598,640	1,239,956	1,374,710	315	276	250,835	2,039	1,197,845
29	Stevens	40	356,125	31,880	99,885	75,800	148,560	42	16	29,180	265	222,948
30	Thurston	86	1,342,289	571,745	78,270	299,815	392,459	104	41	41,555	565	300,701
31	Wahkiakum	23	545,627	111,800	39,775	150,935	243,117	31	39	28,790	267	144,893
32	Wallawalla	88	967,774	115,730	195,775	195,557	460,712	103	26	26,883	293	186,764
33	Whatcom	190	3,049,356	394,458	363,389	844,410	1,447,099	207	107	112,504	2,751	1,181,420
34	Whitman	136	577,632	68,614	80,405	182,627	245,986	156	9	8,460	223	105,678
35	Yakima	53	137,701	23,249	25,595	43,054	45,803	59	7	7,150	98	52,388

[1] One establishment in Franklin county included in Adams county to avoid disclosing operations of individual establishments.

TABLE 7.—MANUFACTURES BY

1	All industries	3,631	$52,649,760	$10,504,214	$5,342,640	$15,563,736	$21,239,170	4,106	2,242	$2,164,024	33,806	$19,106,873
2	Awnings, tents, and sails	10	52,889	40	75	6,250	46,524	10	13	8,290	52	34,045
3	Bicycle and tricycle repairing	50	66,141	2,100	4,900	21,660	37,481	60	6	3,760	55	33,320
4	Blacksmithing and wheelwrighting	267	298,830	35,160	50,880	79,520	133,270	315	2	1,440	219	144,223
5	Bookbinding and blank book making	3	26,107	-------	-------	11,700	14,407	3	5	3,500	21	9,451
6	Boots and shoes, custom work and repairing.	143	54,545	3,075	4,715	22,015	24,740	145	-------	-------	31	17,007
7	Boots and shoes, factory product	3	71,071	-------	-------	14,715	56,356	2	15	12,060	75	31,461
8	Bottling	8	210,036	13,000	31,000	21,150	144,886	8	11	15,240	68	28,900
9	Boxes, fancy and paper	3	17,650	-------	-------	9,000	8,650	4	2	1,000	10	2,560
10	Boxes, wooden packing	6	50,015	1,200	3,800	23,451	21,564	4	2	800	71	28,773
11	Bread and other bakery products	65	157,475	21,420	32,550	43,005	60,500	73	31	19,072	202	119,767
12	Brick and tile	32	370,325	100,662	98,150	74,984	96,529	29	27	27,520	329	185,334
13	Bridges	8	425,222	34,000	10,050	179,644	201,528	12	25	19,900	856	490,912
14	Brooms and brushes	7	33,700	1,850	6,050	3,050	22,750	10	2	1,800	37	17,810
15	Carpentering	209	580,540	60,950	43,750	81,472	394,368	241	22	27,000	1,955	1,374,180
16	Carriages and wagons	28	101,260	3,600	19,525	16,687	61,448	37	8	8,800	134	90,061
17	Cars and general shop construction and repairs by steam railroad companies.	16	944,800	194,820	313,270	243,176	193,534	-------	55	51,353	956	653,205
18	Cars and general shop construction and repairs by street railroad companies.	3	511,000	13,000	54,500	122,500	321,000	-------	10	12,380	145	105,492
19	Cheese, butter, and condensed milk, factory product.	60	304,178	30,303	41,755	104,259	127,861	56	35	27,159	146	80,935
20	Clothing, men's, custom work and repairing.	159	248,225	12,900	13,825	22,252	199,248	185	20	20,080	511	324,734
21	Clothing, women's, dressmaking	71	65,997	300	500	7,803	57,394	84	6	4,788	243	78,514
22	Clothing, women's, factory product	9	25,700	-------	-------	1,400	24,300	25	5	2,100	33	13,400
23	Coffee and spice, roasting and grinding	14	138,359	700	1,000	25,965	110,694	16	21	23,710	41	22,626
24	Confectionery	27	188,183	9,000	15,931	35,482	127,770	26	42	47,337	228	90,865
25	Cooperage	6	16,030	3,375	3,600	3,650	5,405	13	2	1,200	39	11,757
26	Dyeing and cleaning	18	13,670	4,500	1,700	4,705	2,765	21	1	420	37	17,670

BY COUNTIES: 1900.

from Chelan county.]

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
32,325	$18,669,237	1,216	$383,970	265	$53,666	$3,860,455	$518,679	$309,001	$2,411,529	$621,246	$49,099,182	$48,397,082	$702,100	$86,795,051	1
15	7,700					2,721	84	497	2,140		78,560	77,665	895	101,827	2
23	9,400			1	300	1,488	391	702	395		45,400	44,815	585	77,760	3
2,677	1,406,467	32	7,986	7	1,790	75,211	6,824	17,299	47,713	3,875	2,904,128	2,897,842	6,286	4,749,278	4
267	123,178	14	2,420	10	1,214	11,395	1,498	2,120	7,777		220,002	218,962	1,040	462,595	5
365	179,405	10	2,770	10	1,960	51,700	4,985	2,683	42,632	1,400	486,437	461,451	24,986	927,606	6
131	82,353	4	880			18,638	3,944	3,559	10,635	500	562,801	558,146	4,655	769,395	7
530	276,203	3	1,000			12,141	383	7,482	4,276		370,815	370,127	688	845,943	8
4	2,544					326	24	172	130		17,218	16,685	533	27,720	9
33	29,630	2	900	2	200	11,627	1,115	338	10,174		48,674	47,639	1,035	141,172	10
11	6,155					2,564	180	426	1,958		44,790	44,680	110	65,907	11
200	102,064			1	104	2,395	60	663	1,672		92,755	92,533	222	256,626	12
423	210,447	5	1,185			33,453	3,928	5,833	23,408	284	773,380	769,662	3,718	1,161,246	13
9,527	6,231,810	568	196,109	80	16,736	1,583,765	250,892	59,520	774,386	498,967	15,884,213	15,691,269	192,944	29,843,908	14
1,044	479,468			1	96	64,712	1,080	14,587	49,020	25	1,377,700	1,374,052	3,648	2,107,576	15
138	73,740	6	1,500	3	528	20,170	5,322	2,612	11,766	470	328,793	323,999	4,794	531,626	16
43	18,755	1	300	1	150	3,869	260	1,117	2,382	110	96,372	96,028	344	162,773	17
744	374,374	7	1,610	5	655	47,215	4,855	6,475	35,885		929,752	922,414	7,338	1,678,870	18
78	44,856	4	1,710	1	120	24,857	2,481	2,887	18,489	1,000	651,231	627,226	24,005	839,661	19
1,311	937,712	3	1,152	1	150	48,814	1,295	18,982	28,485	52	764,310	763,248	1,062	2,064,839	20
32	19,893	1	250			1,139	25	449	665		47,837	47,642	195	85,955	21
407	202,198			6	1,114	25,078	2,266	3,867	15,889	3,056	578,791	576,716	2,075	952,195	22
4,534	2,496,055	216	63,861	41	9,926	472,252	72,824	47,572	334,551	17,305	7,856,785	7,728,606	128,179	12,782,202	23
159	65,916					21,725	2,452	1,388	17,885		95,678	81,057	14,621	241,593	24
1,187	646,949	18	5,300	7	620	110,385	3,125	14,205	81,055	12,000	1,285,170	1,272,306	12,864	2,598,650	25
51	26,554					1,786	180	736	870		23,572	23,562	10	67,886	26
2,242	1,320,691	33	9,105	25	6,018	272,984	14,431	17,796	240,347	410	3,268,906	3,166,845	102,061	5,650,314	27
1,887	1,150,735	150	46,774	2	336	430,412	81,915	21,493	245,837	81,167	3,625,533	3,548,389	77,144	6,424,337	28
262	222,298	2	600	1	50	13,101	976	4,348	7,777		1,010,746	991,325	19,421	1,353,385	29
539	292,099	16	6,738	10	1,864	75,996	5,676	5,648	64,672		678,693	673,553	5,140	1,375,213	30
264	144,517	2	256	1	120	10,609	115	2,857	7,637		285,163	283,093	2,070	521,325	31
280	180,885	9	4,539	4	1,340	91,751	14,638	8,280	68,383	450	900,756	886,599	14,157	1,418,107	32
2,620	1,153,555	90	20,130	41	7,735	256,510	17,766	23,101	215,568	75	3,007,940	2,983,709	24,231	5,264,661	33
208	100,964	12	4,294	3	420	37,661	8,130	7,688	21,743	100	510,960	494,043	16,917	850,732	34
89	49,667	8	2,601	1	120	22,005	5,059	1,619	15,327		245,321	241,194	4,127	392,168	35

SPECIFIED INDUSTRIES: 1900.

32,325	$18,669,237	1,216	$383,970	265	$53,666	$3,860,455	$518,679	$309,001	$2,411,529	$621,246	$49,099,182	$48,397,082	$702,100	$86,795,051	1
32	25,911	18	7,634	2	500	7,489	3,993	365	3,131		121,595	120,700	895	208,901	2
53	32,875	1	182	1	263	16,104	10,081	609	5,414		53,810	52,109	1,701	153,315	3
219	144,223					22,608	13,919	2,801	5,788	100	221,573	197,915	23,658	652,374	4
8	5,930	10	2,934	3	587	1,197	750	118	329		10,089	9,699	390	38,154	5
31	17,007					13,165	10,553	379	2,143	90	53,754	52,796	958	159,440	6
50	23,990	22	7,011	3	460	14,937	2,958	206	11,773		102,599	101,804	795	166,423	7
56	25,825	10	2,600	2	475	26,081	1,476	980	23,625		419,724	417,839	1,885	563,179	8
2	900	8	1,660			874	535	10	329		4,652	4,592	60	9,360	9
59	24,917	6	1,764	6	2,092	3,709	965	353	1,619	772	62,214	60,568	1,646	120,905	10
174	112,341	20	5,210	8	2,216	31,414	20,396	1,494	9,524		320,494	309,843	10,651	654,316	11
324	184,674	1	600	4	560	29,339	2,998	2,375	14,966	9,000	81,206	10,617	70,589	426,553	12
856	490,912					73,167	1,144	902	69,821	1,300	391,392	385,942	5,450	1,102,545	13
34	17,050	1	480	2	280	2,407	768	245	1,394		45,988	45,594	394	90,550	14
1,955	1,374,180					338,684	13,677	2,517	35,503	286,987	2,187,815	2,183,548	4,267	4,635,270	15
132	89,153			2	908	9,724	5,438	816	2,820	650	112,039	107,132	4,907	289,068	16
955	652,780	1	425			14,264	230	11,614	2,420		760,858	737,054	23,804	1,479,680	17
145	105,492					40,720	800	5,336	24,584	10,000	152,353	149,153	3,200	310,945	18
127	76,115	16	4,495	3	325	16,516	4,615	1,904	9,997		932,190	919,281	12,909	1,190,239	19
416	289,350	95	35,384			69,105	51,054	2,356	14,235	1,460	367,896	364,305	3,591	991,848	20
13	8,200	230	70,314			15,421	12,055	144	3,222		102,297	101,485	812	268,688	21
31	12,680	2	720			4,188	2,956	102	1,130		39,800	39,735	65	93,694	22
31	18,886	8	3,092	2	648	12,050	5,990	591	5,304	165	300,812	297,563	3,249	388,496	23
116	60,583	111	30,162	1	120	21,513	9,830	1,136	10,547		307,975	300,903	7,072	592,574	24
39	11,757					961	114	150	697		11,768	11,768		33,396	25
25	13,822	11	3,728	1	120	4,083	2,940	88	1,055		6,171	4,532	1,639	80,678	26

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
27	Electrical construction and repairs	7	$71,050			$12,650	$58,400	10	8	$10,000	29	$27,560
28	Engraving, steel, including plate printing.	5	7,650			4,750	2,900	7			3	1,876
29	Fish, canning and preserving	36	2,222,726	$118,288	$284,804	457,473	1,362,161	36	116	93,117	2,190	711,214
30	Flavoring extracts	3	15,090			2,505	12,585	3	4	1,700	6	1,000
31	Flouring and grist mill products	85	2,693,282	180,715	379,052	645,677	1,487,838	75	107	123,198	488	281,310
32	Foundry and machine shop products	80	1,629,377	127,432	154,218	643,847	703,880	86	89	82,945	1,075	694,675
33	Fruits and vegetables, canning and preserving.	18	78,627	1,394	11,000	10,177	56,056	13	4	4,250	44	12,484
34	Fur goods	6	41,425			2,325	39,100	6	3	1,400	35	14,614
35	Furniture, cabinetmaking, repairing, and upholstering.	37	301,547	14,300	36,200	36,290	214,757	39	11	11,860	207	97,932
36	Furniture, factory product	12	227,250	24,200	61,500	39,270	102,280	15	20	14,018	213	94,324
37	Gas, illuminating and heating	6	1,620,992	215,504	51,963	1,288,687	64,838		37	25,526	81	42,048
38	Gloves and mittens	3	8,250			1,700	6,550	2	3	720	15	6,300
39	Hand stamps	5	11,665			8,115	3,550	5			8	3,696
40	Ice, manufactured	4	252,360	46,000	32,000	133,500	40,860	1	13	13,750	35	25,700
41	Jewelry	5	26,405			10,905	15,500	4	2	1,200	33	25,670
42	Leather, tanned, curried, and finished	3	17,600	1,000	2,500	1,600	12,500	6			3	2,125
43	Lime and cement	5	460,586	236,314	52,040	74,644	97,588		22	20,375	156	70,423
44	Liquors, malt	25	1,506,762	147,750	458,689	343,461	556,862	19	53	81,830	211	171,456
45	Lithographing and engraving	3	115,100			95,000	20,100	1	6	5,500	53	29,785
46	Lock and gun smithing	21	20,125	2,150	5,050	6,870	6,055	27			13	8,842
47	Looking-glass and picture frames	9	19,525			1,825	17,700	12			22	11,306
48	Lumber and timber products	778	26,041,089	8,195,054	1,765,419	7,464,933	8,615,683	978	674	668,255	15,696	8,511,224
49	Lumber, planing mill products, including sash, doors, and blinds.	29	762,120	40,754	63,341	184,075	473,950	22	57	59,860	647	329,396
50	Marble and stone work	10	108,774	70,200	4,270	10,452	23,852	13	8	6,540	56	38,648
51	Masonry, brick and stone	38	403,846	3,510	3,940	61,094	335,302	46	3	4,500	625	542,452
52	Mattresses and spring beds	5	38,750		500	7,300	30,950	7	4	5,000	84	38,707
53	Millinery, custom work	89	150,927	2,325	10,945	6,270	131,387	95	27	10,682	169	59,189
54	Mineral and soda waters	21	89,314	6,743	11,399	42,287	28,885	29	8	6,564	44	18,868
55	Models and patterns	3	1,865			1,155	710	3				
56	Monuments and tombstones	10	55,805	1,350	2,610	3,200	48,645	15	5	3,000	36	24,235
57	Optical goods	5	12,250			1,650	10,600	7			4	3,075
58	Oysters, canning and preserving	3	9,800			5,300	4,500	5	2	1,400	24	12,070
59	Painting, house, sign, etc	94	121,780	2,650	4,560	16,455	98,115	117	21	12,740	357	276,896
60	Paints	3	65,932	5,500	31,000	6,822	22,610	2	4	4,620	10	6,770
61	Patent medicines and compounds	7	16,029			2,625	13,404	6	4	3,737	34	22,070
62	Paving and paving materials	6	126,825		500	36,625	89,700	6	2	3,000	215	107,724
63	Photography	72	81,530	1,605	5,275	41,100	33,550	83	5	4,264	98	53,607
64	Pickles, preserves, and sauces	3	38,345			775	37,570	4	2	1,500	23	9,863
65	Plastering and stuccowork	18	20,125			5,060	15,065	20			139	135,244
66	Plumbing, and gas and steam fitting	79	239,037	9,825	6,625	33,929	188,658	97	17	12,020	313	259,166
67	Pottery, terra cotta, and fire-clay products.	8	436,560	52,329	195,398	77,726	111,107	8	15	17,900	126	59,928
68	Printing and publishing, book and job	58	363,052	6,540	5,210	250,814	100,488	63	39	37,059	304	186,306
69	Printing and publishing, newspapers and periodicals.	188	796,114	16,315	23,565	517,523	238,711	192	217	175,974	626	315,500
70	Roofing and roofing materials	3	33,920	900	435	4,036	28,549	3	5	4,832	21	9,276
71	Saddlery and harness	89	297,462	18,125	35,510	25,548	218,279	90	13	11,740	102	65,810
72	Saws	3	37,105	1,798	3,000	8,120	24,187	1	2	1,750	19	13,378
73	Ship and boat building, wooden	36	548,084	106,660	80,200	110,375	250,849	39	22	27,572	741	510,301
74	Shirts	4	4,050			1,100	2,950	6			14	4,568
75	Show cases	3	1,750			500	1,250	3			1	306
76	Slaughtering and meat packing, wholesale.	14	941,786	38,100	127,500	125,942	650,244	15	79	73,328	209	135,896
77	Slaughtering, wholesale, not including meat packing.	4	72,300	12,100	13,900	5,300	41,000	3	9	7,788	22	20,635
78	Soap and candles	4	18,900	250	750	6,800	11,100	1	7	6,840	19	8,145
79	Tinsmithing, coppersmithing, and sheet-iron working.	69	490,783	15,335	44,010	94,332	337,106	81	22	22,705	283	189,055
80	Tobacco, cigars and cigarettes	57	88,724	3,010	7,475	6,275	71,964	60	4	2,820	133	68,855
81	Umbrellas and canes	4	12,625			775	11,850	7			6	3,617
82	Vinegar and cider	4	22,400	1,450	5,000	8,150	7,800	7			5	2,475
83	Watch, clock, and jewelry repairing	121	185,130	24,250	26,650	47,805	86,425	134			96	73,073
84	Window shades	3	42,200			1,000	41,200	7	7	5,500	10	6,940
85	Wood, turned and carved	6	11,080	500	650	6,400	3,530	8	1	500	20	13,800
86	All other industries[1]	77	3,542,250	206,034	582,461	1,333,342	1,420,413	76	91	127,936	1,061	627,963

[1] Embraces agricultural implements, 2; ammunition, 1; artificial limbs, 1; babbitt metal and solder, 1; baking and yeast powders, 1; belting and hose, leather, 1; boxes, cigar, 2; carpets, rag, 2; carriage and wagon materials, 1; china decorating, 2; clothing, men's, factory product, 1; coffins, burial cases, and undertakers' goods, 2; coke, 2; copper, smelting and refining, 1; cutlery and edge tools, 2; drug grinding, 1; electroplating, 2; enameling and enameled goods, 1; engraving and diesinking, 1; engraving, wood, 1; fancy articles, not elsewhere specified, 1; fertilizers, 1; food preparations, 1; gas and lamp fixtures, 2; hairwork, 2; hand knit goods, 1; hats and caps, not including fur hats and wool hats, 1; instruments, professional and scientific, 1; iron and steel, 1; ironwork, architectural and

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
29	$27,560					$6,407	$4,755	$147	$1,405	$100	$136,142	$135,370	$772	$213,400	27
2	1,614			1	$262	1,142	625	26	491		2,423	2,313	110	10,649	28
2,086	693,480	73	$13,730	31	4,004	285,353	6,989	20,619	242,689	15,056	3,086,865	3,053,568	33,297	4,831,038	29
2	500	4	500			560	402	28	130		4,830	4,805	25	10,055	30
474	278,450	12	2,400	2	460	167,070	10,017	16,551	137,922	2,580	5,803,909	5,739,212	64,697	6,875,672	31
1,069	693,115	1	360	5	1,200	83,577	13,504	7,365	60,858	1,850	970,092	922,996	47,096	2,257,643	32
15	5,839	24	5,675	5	970	2,677	1,130	302	1,245		24,781	23,227	1,554	63,141	33
8	5,374	27	9,240			7,528	5,530	369	879	750	39,874	39,724	150	83,486	34
204	96,882	2	950	1	100	25,590	7,614	2,822	13,554	1,600	225,265	222,300	2,965	456,394	35
199	91,338	8	2,056	6	930	21,860	2,800	3,111	15,949		183,967	180,501	3,466	412,613	36
81	42,048					81,097		9,901	71,196		76,929	76,630	299	315,993	37
8	4,000	7	2,300			629	480	39	110		9,735	9,690	45	24,685	38
3	2,340	4	1,200	1	156	1,930	965	71	894		3,503	3,458	45	14,570	39
35	25,700					10,735	1,500	1,285	7,950		17,318	4,956	12,362	103,600	40
32	25,540			1	130	3,866	2,424	250	1,192		42,525	40,560	1,965	89,748	41
3	2,125					580	130	170	280		25,701	25,480	221	32,605	42
154	69,823	2	600			17,466		1,557	15,909		75,694	58,244	17,450	213,538	43
210	171,206			1	250	385,884	2,022	9,681	374,181		294,565	260,318	34,247	1,230,525	44
51	29,060	2	725			2,970	2,160	170	640		24,909	24,145	764	70,086	45
13	8,842					3,899	2,990	160	749		10,345	9,936	409	38,296	46
19	10,306	3	1,000			4,130	3,350	105	675		29,475	29,345	130	62,400	47
15,603	8,483,203	50	16,412	43	11,609	748,946	25,932	144,748	578,266		16,455,553	16,453,657	1,896	30,286,280	48
640	328,192	4	588	3	616	66,152	6,930	4,671	54,551		685,263	679,474	5,789	1,257,369	49
55	38,336			1	312	3,379	531	533	1,635	680	26,403	24,953	1,450	130,250	50
625	542,452					203,688	2,490	514	15,464	185,220	1,162,810	1,158,566	4,244	2,228,999	51
72	34,528	8	3,350	4	829	3,358	1,940	376	1,042		74,790	73,645	1,145	151,800	52
2	1,560	167	57,629			30,502	21,374	1,428	7,575	125	249,378	248,393	985	454,307	53
39	17,739	1	195	4	934	10,924	2,228	462	8,234		60,971	59,103	1,868	154,069	54
						138	133		5		450	440	10	2,470	55
36	24,235					5,238	1,514	343	1,781	1,600	46,755	46,475	280	122,700	56
3	2,475	1	600			3,409	1,490	24	1,895		7,877	7,677	200	17,605	57
22	11,550	2	520			1,249	610	41	598		38,061	37,901	160	65,980	58
357	276,896					30,709	16,220	1,038	10,496	2,955	271,702	271,084	618	770,408	59
9	6,620	1	150			1,082	463	140	479		31,436	30,991	445	57,500	60
29	20,690	5	1,380			5,074	1,526	89	3,459		12,973	12,874	99	60,565	61
212	106,788			3	936	13,568	920	148	3,450	9,050	87,278	82,753	4,525	306,980	62
54	35,288	44	18,319			26,772	18,724	703	7,345		106,147	105,388	759	296,791	63
12	6,983	11	2,880			2,478	900	232	1,346		87,991	87,631	360	129,698	64
139	135,244					8,857	986	96	1,775	6,000	100,812	100,766	46	302,010	65
312	259,034			1	132	34,287	14,762	1,345	12,330	5,850	644,099	640,723	3,376	1,158,855	66
124	59,612			2	316	7,599	225	2,156	5,218		29,392	14,295	15,097	157,304	67
250	168,895	41	14,933	13	2,478	40,034	20,785	2,314	14,537	2,398	139,603	133,584	6,019	534,686	68
535	291,216	50	18,924	41	5,360	202,906	32,246	4,518	111,018	55,124	206,540	190,682	15,858	1,321,044	69
21	9,276					1,574	60	95	1,419		27,108	26,898	210	78,900	70
100	65,702	1	600	1	108	31,528	15,533	3,440	11,555	1,000	285,988	284,197	1,791	513,825	71
19	13,378					3,752	900	144	2,708		21,945	20,600	1,345	54,733	72
732	508,051			9	2,250	32,415	4,379	2,317	20,265	5,454	735,050	728,674	6,376	1,505,649	73
1	230	13	4,338			2,970	900	10	260	1,800	7,697	7,612	85	20,700	74
1	306					430	303	6	121		2,456	2,450	6	5,620	75
207	134,996	2	900			66,156	9,033	3,804	53,319		3,736,658	3,726,222	10,436	4,293,953	76
22	20,635					13,852	1,390	480	11,982		515,777	513,312	2,465	598,904	77
13	6,150	1	870	5	1,125	8,869	1,446	223	7,200		66,646	62,736	3,910	105,140	78
249	181,573	19	4,650	15	2,832	37,365	13,667	3,311	19,687	700	505,339	501,420	3,919	943,220	79
117	64,757	9	2,646	7	1,452	38,936	9,213	508	29,215		126,910	126,434	476	293,839	80
5	3,420	1	197			1,659	1,404	84	171		8,170	8,170		26,617	81
5	2,475					1,076	216	110	750		9,461	8,883	578	24,150	82
91	71,685	4	1,288	1	100	25,785	18,053	1,484	5,538	710	83,147	81,875	1,272	287,446	83
9	6,660	1	280			2,476	1,380	326	770		55,050	55,050		86,289	84
20	13,800					2,167	795	60	1,312		10,606	9,951	655	36,026	85
1,003	610,512	40	13,190	18	4,261	234,426	17,456	14,360	192,490	10,120	4,114,979	3,918,288	196,691	5,841,642	86

ornamental, 2; lead, smelting and refining, 2; leather goods, 1; malt, 2; musical instruments and materials, not specified, 1; nets and seines, 1; paper and wood pulp, 2; photolithographing and photoengraving, 1; refrigerators, 1; rice, cleaning and polishing, 2; sausage, 1; sewing machine repairing, 1; shipbuilding, iron and steel, 1; stationery goods, not elsewhere specified, 1; steam fittings and heating apparatus, 1; steam packing, 1; stencils and brands, 1; stereotyping and electrotyping, 1; sugar and molasses, beet, 1; sugar and molasses, refining, 1; surgical appliances, 1; taxidermy, 2; tools, not elsewhere specified, 1; trunks and valises, 2; typewriter repairing, 1; upholstering materials, 2; wirework, including wire rope and cable, 1; wood, preserving, 2; wool pulling, 1.

TABLE 8.—MANUFACTURES IN CITIES

SEATTLE.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	953	$10,131,651	$1,440,701	$597,024	$3,030,039	$5,063,887	1,071	768	$684,662	8,480	$5,575,253
2	Awnings, tents, and sails	4	30,724			2,900	27,824	4	12	8,130	34	24,495
3	Bicycle and tricycle repairing	9	19,755		1,000	5,650	13,105	12	3	1,960	14	9,720
4	Blacksmithing and wheelwrighting	12	11,550		575	2,275	8,700	17	1	600	13	11,529
5	Boots and shoes, custom work and repairing.	51	12,715	200	905	5,560	6,050	52			12	6,755
6	Bottling	4	180,136	5,000	22,000	19,300	133,836	2	11	15,240	59	23,440
7	Boxes, fancy and paper	3	17,650			9,000	8,650	4	2	1,000	10	2,560
8	Bread and other bakery products	25	63,325	6,300	7,700	19,260	30,065	27	11	6,480	95	64,132
9	Brick and tile	3	134,158	51,900	40,000	20,519	21,739	1	10	10,700	89	54,239
10	Bridges	6	375,222	34,000	10,050	172,144	159,028	8	25	19,900	801	474,912
11	Carpentering	137	470,122	55,000	33,300	55,677	326,145	156	20	24,720	1,372	1,032,346
12	Carriages and wagons	10	42,050		14,000	7,650	20,400	14	7	7,600	72	47,450
13	Cheese, butter, and condensed milk, factory product.	3	38,500	1,500	3,500	11,900	21,600	4	1	1,200	21	12,660
14	Clothing, men's, custom work and repairing.	62	93,750	900	1,200	9,085	82,565	73	15	15,040	269	170,952
15	Clothing, women's, dressmaking	35	16,900			4,600	12,300	39	1	600	123	40,907
16	Clothing, women's, factory product	7	18,350			1,050	17,300	23	5	2,100	26	9,920
17	Coffee and spice, roasting and grinding	12	121,580			22,065	99,515	15	20	22,510	36	20,334
18	Confectionery	13	98,125			18,775	79,350	12	30	36,962	153	65,337
19	Dyeing and cleaning	7	7,595	3,900	900	2,160	635	9	1	420	17	9,318
20	Electrical construction and repairs	5	68,000			11,800	56,200	9	8	10,000	22	23,760
21	Fish, canning and preserving	7	336,620	30,000	12,500	61,000	233,120	10	33	25,380	259	106,334
22	Flouring and grist mill products	6	469,802	40,000	28,500	95,650	305,652	1	23	22,180	73	43,524
23	Foundry and machine shop products	34	624,345	43,880	38,850	236,200	305,415	33	46	38,715	425	319,534
24	Fur goods	4	37,650			2,150	35,500	4	2	900	23	9,970
25	Furniture, cabinetmaking, repairing, and upholstering.	13	56,300	12,000	25,000	1,895	17,405	17	5	4,060	10	7,210
26	Furniture, factory product	8	71,500	2,000	6,000	13,370	50,130	12	10	3,998	66	38,175
27	Jewelry	3	21,905			8,905	13,000	2	2	1,200	28	21,980
28	Lock and gun smithing	4	2,400			950	1,450	3			5	2,750
29	Looking-glass and picture frames	4	7,125			925	6,200	4			17	8,870
30	Lumber and timber products	14	1,904,875	664,650	136,000	561,100	543,125	7	65	59,120	1,011	589,067
31	Lumber, planing mill products, including sash, doors, and blinds.	5	52,200	1,400	500	23,500	26,800	2	10	9,000	103	68,100
32	Marble and stone work	3	16,120	9,000	1,020	1,450	4,650	4			5	5,150
33	Masonry, brick and stone	33	398,315	2,510	3,040	59,865	332,900	40	3	4,500	585	519,432
34	Mattresses and spring beds	3	24,500		500	4,500	19,500	4	3	3,800	57	28,329
35	Millinery, custom work	19	56,780			2,240	54,540	21	16	5,890	75	34,271
36	Mineral and soda waters	3	33,294	2,463	2,649	17,387	10,795	4	6	4,800	9	4,395
37	Monuments and tombstones	3	27,675		1,200	1,100	25,375	5			16	13,505
38	Optical goods	4	11,450			1,450	10,000	5			4	3,075
39	Oysters, canning and preserving	3	9,800			5,300	4,500	5	2	1,400	24	12,070
40	Painting, house, sign, etc	60	76,465		1,500	11,035	63,930	75	19	11,780	246	202,693
41	Paving and paving materials	4	49,825			30,625	19,200	4	2	3,000	120	71,288
42	Photography	18	25,450			10,700	14,750	17	4	3,744	56	34,131
43	Plastering and stuccowork	14	19,385			4,585	14,800	16			127	126,644
44	Plumbing, and gas and steam fitting	26	63,565		400	8,965	54,200	42	3	1,840	110	109,044
45	Printing and publishing, book and job	22	164,738			107,646	57,092	20	23	20,149	161	98,230
46	Printing and publishing, newspapers and periodicals.	40	285,590			173,651	111,939	34	125	103,193	279	133,255
47	Saddlery and harness	8	21,910			5,510	16,400	6	6	4,500	26	18,450
48	Ship and boat building, wooden	12	237,925	87,500	13,750	49,075	87,600	15	9	6,842	184	130,081
49	Slaughtering and meat packing, wholesale.	8	570,350	27,600	56,000	50,700	436,050	6	48	44,990	132	89,165
50	Tinsmithing, coppersmithing, and sheet-iron working.	22	82,135	100	450	25,485	56,100	27	8	9,240	102	81,645
51	Tobacco, cigars and cigarettes	15	25,140			2,390	22,750	18	2	1,040	33	19,431
52	Watch, clock, and jewelry repairing	38	45,030	100	650	14,055	30,225	41			42	38,918
53	Window shades	3	42,200			1,000	41,200	7	7	5,500	10	6,940
54	All other industries[1]	82	2,439,080	358,798	133,385	1,034,310	912,587	79	103	98,739	819	474,831

[1] Embraces ammunition, 1; artificial limbs, 1; baking and yeast powders, 1; belting and hose, leather, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 2; boxes, cigar, 1; boxes, wooden packing, 2; brooms and brushes, 1; cars and general shop construction and repairs by steam railroad companies, 1; cars and general shop construction and repairs by street railroad companies, 1; china decorating, 2; cooperage, 2; cutlery and edge tools, 2; electroplating, 1; engraving and diesinking, 1; engraving, steel, including plate printing, 1; engraving, wood, 1; fancy articles, not elsewhere specified, 1; fruits and vegetables, canning and preserving, 2; gas and lamp fixtures, 1; gas, illuminating and heating, 1; gloves and mittens, 1; hairwork, 2; hand stamps, 2; hats and caps, not including fur hats and wool hats, 1; ice, manufactured, 2; instruments, professional and scientific, 1; ironwork, architectural and ornamental, 2; leather

SPOKANE.

1	All industries	213	$2,678,823	$170,474	$484,729	$795,036	$1,228,584	225	249	$227,905	1,779	$1,080,618
2	Bicycle and tricycle repairing	6	8,175			3,050	5,125	6			12	7,690
3	Blacksmithing and wheelwrighting	20	21,710		3,025	7,300	11,385	23	1	840	47	33,376
4	Boots and shoes, custom work and repairing.	4	1,100		100	525	475	4			1	525
5	Bread and other bakery products	5	17,150	300	1,500	6,550	8,800	6	10	12,192	36	18,752
6	Brick and tile	4	24,270	5,000	2,750	6,800	9,720	4	5	4,320	62	31,844

BY SPECIFIED INDUSTRIES: 1900.

SEATTLE.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
7,870	$5,372,091	543	$188,969	67	$14,193	$1,479,604	$245,735	$48,671	$686,731	$498,467	$14,211,191	$14,056,769	$154,422	$26,373,402	1
18	18,211	14	5,784	2	500	5,372	2,730	258	2,384	------	94,493	93,928	565	152,526	2
14	9,720	------	------	------	------	4,776	3,504	202	1,070	------	12,450	11,883	567	38,109	3
13	11,529	------	------	------	------	1,594	1,161	25	408	------	23,636	21,398	2,238	57,665	4
12	6,755	------	------	------	------	6,102	5,116	42	944	------	15,638	15,419	219	59,258	5
47	20,365	10	2,600	2	475	15,246	1,160	221	13,865	------	277,543	275,783	1,760	398,840	6
2	900	8	1,660	------	------	874	535	10	329	------	4,652	4,592	60	9,360	7
90	62,552	4	1,330	1	250	12,922	8,105	432	4,385	------	142,909	139,446	3,463	294,608	8
88	54,039	------	------	1	200	10,981	300	703	2,478	7,500	19,419	3,598	15,821	124,610	9
801	474,912	------	------	------	------	72,603	700	842	69,761	1,300	364,926	359,876	5,050	1,050,369	10
1,372	1,032,346	------	------	------	------	269,747	9,183	1,834	25,729	233,001	1,753,681	1,750,025	3,656	3,669,606	11
72	47,450	------	------	------	------	5,077	2,956	414	1,057	650	57,534	54,754	2,780	151,712	12
21	12,660	------	------	------	------	2,285	1,400	210	675	------	192,520	191,385	1,135	224,250	13
210	151,623	59	19,329	------	------	39,063	29,300	683	8,480	600	179,645	178,805	840	513,524	14
11	6,800	112	34,107	------	------	8,216	6,621	57	1,538	------	20,097	19,910	187	107,349	15
26	9,920	------	------	------	------	2,880	2,296	74	510	------	34,650	34,585	65	79,694	16
27	16,906	7	2,780	2	648	11,489	5,630	524	5,170	165	286,579	283,645	2,934	365,632	17
73	40,623	79	24,594	1	120	12,292	7,575	411	4,306	------	195,676	191,916	3,760	412,240	18
12	7,770	4	1,428	1	120	1,232	948	46	238	------	2,612	1,852	760	54,025	19
22	23,760	------	------	------	------	5,070	3,795	140	1,035	100	116,480	115,845	635	179,600	20
255	105,700	1	350	3	284	32,501	4,924	1,215	26,362	------	743,602	736,917	6,685	1,037,174	21
73	43,524	------	------	------	------	27,899	1,700	1,809	23,490	900	1,183,875	1,172,505	11,370	1,296,929	22
425	319,534	------	------	------	------	47,081	10,105	2,556	34,170	250	457,425	434,477	22,948	1,142,941	23
6	4,474	17	5,496	------	------	7,088	5,200	335	803	750	36,285	36,200	85	69,735	24
10	7,210	------	------	------	------	3,711	941	1,022	1,648	100	31,755	31,520	235	67,546	25
60	36,875	2	650	4	650	13,184	2,800	379	10,005	------	55,867	54,291	1,576	146,873	26
28	21,980	------	------	------	------	3,236	1,944	202	1,090	------	33,780	32,015	1,765	69,458	27
5	2,750	------	------	------	------	1,007	936	14	57	------	3,660	3,650	10	10,600	28
14	7,870	3	1,000	------	------	1,934	1,610	24	300	------	17,670	17,550	120	38,800	29
1,008	588,027	------	------	3	1,040	78,220	530	9,747	67,943	------	1,484,000	1,484,000	------	2,695,778	30
103	68,100	------	------	------	------	3,194	1,500	131	1,563	------	50,327	49,727	600	150,780	31
5	5,150	------	------	------	------	427	237	------	190	------	8,400	8,380	20	17,750	32
585	519,432	------	------	------	------	202,548	2,466	407	14,825	184,850	1,120,040	1,115,876	4,164	2,148,713	33
46	24,720	7	2,780	4	829	1,923	915	276	732	------	58,485	57,685	800	107,500	34
2	1,560	73	32,711	------	------	13,099	9,173	481	3,445	------	112,229	112,108	121	209,435	35
9	4,395	------	------	------	------	2,932	802	105	2,025	------	18,335	17,750	585	49,300	36
16	13,505	------	------	------	------	2,623	652	95	376	1,500	19,915	19,875	40	49,100	37
3	2,475	1	600	------	------	2,932	1,280	24	1,628	------	5,393	5,202	191	16,777	38
22	11,550	2	520	------	------	1,249	610	41	598	------	38,061	37,901	160	65,980	39
246	202,693	------	------	------	------	21,429	11,549	757	6,798	2,325	198,281	197,854	427	559,966	40
120	71,288	------	------	------	------	11,713	730	133	1,800	9,050	61,618	60,053	1,565	233,825	41
35	23,935	21	10,196	------	------	12,951	9,244	172	3,535	------	69,560	69,494	66	169,785	42
127	126,644	------	------	------	------	8,597	926	96	1,575	6,000	95,562	95,516	46	284,310	43
110	109,044	------	------	------	------	14,913	6,150	230	5,083	3,450	230,387	229,206	1,181	461,184	44
130	88,003	24	9,087	7	1,140	23,231	10,258	769	10,806	1,398	81,969	79,618	2,351	285,688	45
270	128,675	7	4,300	2	280	108,272	12,850	1,423	71,393	22,606	96,577	87,864	8,713	576,101	46
26	18,450	------	------	------	------	4,950	2,947	148	1,855	------	47,861	47,641	220	96,495	47
175	127,831	------	------	9	2,250	13,170	1,700	639	10,361	470	159,081	157,041	2,040	429,641	48
130	88,265	2	900	------	------	45,751	3,183	2,275	40,293	------	2,666,655	2,660,259	6,396	3,072,195	49
101	81,333	------	------	1	312	12,664	6,208	436	5,420	600	103,508	101,858	1,650	273,776	50
27	17,543	5	1,776	1	112	13,672	3,550	115	10,007	------	35,771	35,623	148	88,498	51
41	38,318	1	600	------	------	9,533	7,508	211	1,804	10	38,968	38,782	186	130,235	52
9	6,660	1	280	------	------	2,476	1,380	326	770	------	55,050	55,050	------	86,289	53
717	445,737	79	24,111	23	4,983	241,673	26,212	14,950	179,619	20,892	996,099	964,636	31,463	2,291,268	54

goods, 1; leather, tanned, curried, and finished, 1; liquors, malt, 1; lithographing and engraving, 1; models and patterns, 2; musical instruments and materials, not specified, 1; nets and seines, 1; paints, 1; patent medicines and compounds, 1; photolithographing and photoengraving, 1; pickles, preserves, and sauces, 2; rice, cleaning and polishing, 2; roofing and roofing materials, 1; sausage, 1; saws, 2; sewing machine repairing, 1; shipbuilding, iron and steel, 1; shirts, 2; show cases, 1; soap and candles, 2; stationery goods, not elsewhere specified, 1; steam packing, 1; stereotyping and electrotyping, 1; sugar and molasses, refining, 1; surgical appliances, 1; taxidermy, 1; tools, not elsewhere specified, 1; trunks and valises, 1; type founding, 1; umbrellas and canes, 2; upholstering materials, 1; vinegar and cider, 1; wirework, including wire rope and cable, 1; wood, preserving, 1; wood, turned and carved, 1; wool pulling, 1.

SPOKANE.

1,631	$1,034,426	146	$45,856	2	$336	$114,526	$80,459	$18,794	$234,106	$81,167	$2,854,463	$2,787,231	$67,232	$5,427,540	1
12	7,690	------	------	------	------	4,889	3,240	89	1,560	------	14,903	14,485	418	34,595	2
47	33,376	------	------	------	------	4,398	3,593	123	682	------	26,525	23,623	2,902	96,937	3
1	525	------	------	------	------	605	572	6	27	------	1,829	1,800	29	5,340	4
30	16,802	6	1,950	------	------	6,044	4,740	238	1,066	------	56,277	54,806	1,471	125,900	5
61	31,244	1	600	------	------	2,224	785	406	1,033	------	13,775	1,515	12,260	80,482	6

TABLE 8.—MANUFACTURES IN CITIES

SPOKANE—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
7	Carpentering	7	$22,040	$1,500	$2,500	$3,150	$14,890	7	1	$1,200	94	$45,039
8	Cars and general shop construction and repairs by steam railroad companies.	3	190,006	30,620	75,287	33,147	50,952		22	18,740	287	192,658
9	Clothing, men's, custom work and repairing.	17	54,340			3,185	51,155	21	3	3,600	81	51,919
10	Clothing, women's, dressmaking	7	4,800			833	3,967	9	1	780	43	14,336
11	Confectionery	3	70,648	5,500	15,381	13,572	36,195	4	7	7,375	52	18,039
12	Dyeing and cleaning	4	2,625			1,450	1,175	5			8	4,700
13	Flouring and grist mill products	3	286,454		46,000	58,500	181,954		9	13,320	58	33,764
14	Foundry and machine shop products	5	132,643	5,050	19,138	44,355	64,100	5	10	10,680	97	67,594
15	Furniture, cabinetmaking, repairing, and upholstering.	6	56,419			3,310	53,109	6	1	1,200	25	16,796
16	Liquors, malt	4	419,400	30,600	198,500	103,000	87,300	1	14	24,600	47	47,368
17	Lock and gun smithing	3	1,470			900	570	4			1	1,200
18	Lumber and timber products	3	149,150	27,750	5,900	34,000	81,500	1	5	6,120	92	37,940
19	Lumber, planing mill products, including sash, doors, and blinds.	7	275,751	6,854	21,248	55,772	191,877	1	33	31,735	243	128,253
20	Millinery, custom work	4	11,403			230	11,173	3	10	4,480	21	7,400
21	Painting, house, sign, etc	5	17,680			1,805	15,875	7			32	27,900
22	Photography	6	12,400			8,250	4,150	10	1	520	10	5,131
23	Plumbing, and gas and steam fitting	12	72,627	200	950	6,489	64,988	13	6	5,040	102	80,815
24	Printing and publishing, book and job	11	86,961			69,800	17,161	13	9	10,630	72	49,122
25	Printing and publishing, newspapers and periodicals.	4	13,325			7,500	5,825	1	23	17,375	2	1,400
26	Saddlery and harness	8	32,600			2,500	30,100	7	3	3,300	15	10,033
27	Tinsmithing, coppersmithing, and sheet-iron working.	7	20,011			6,500	13,511	11	2	920	38	30,155
28	Tobacco, cigars and cigarettes	3	4,800			300	4,500	3			15	6,810
29	Watch, clock, and jewelry repairing	11	18,685		250	6,375	12,060	13			18	13,238
30	All other industries[1]	31	650,180	57,100	92,200	305,888	194,992	37	64	48,938	168	96,821

[1] Embraces awnings, tents, and sails, 1; bottling, 1; brooms and brushes, 2; carpets, rag, 1; carriages and wagons, 2; cheese, butter, and condensed milk, factory product, 2; coffee and spice, roasting and grinding, 1; coffins, burial cases, and undertakers' goods, 1; engraving, steel, including plate printing, 2; gas, illuminating and heating, 1; marble and stone work, 2; mattresses and spring beds, 1; mineral and soda waters, 2; monuments and tombstones, 1; paints, 2; paving and paving

TACOMA.

1	All industries	381	$8,146,691	$1,531,033	$1,035,283	$2,035,307	$3,545,068	385	293	$326,340	4,347	$2,356,028
2	Bicycle and tricycle repairing	10	7,500	200	500	3,800	3,000	12			13	7,759
3	Blacksmithing and wheelwrighting	18	8,900	300	1,760	4,115	2,725	18			22	13,365
4	Boots and shoes, custom work and repairing.	21	3,805		35	2,090	1,680	21			8	4,043
5	Bread and other bakery products	9	18,860	800	5,200	5,610	7,250	10			30	16,238
6	Brooms and brushes	3	4,950			500	4,450	4			14	8,080
7	Carpentering	30	41,578		500	11,760	29,318	32	1	1,080	369	217,573
8	Carriages and wagons	6	35,175	500	1,500	4,462	28,713	6	1	1,200	35	26,068
9	Clothing, men's, custom work and repairing.	19	19,975	200	400	2,145	17,230	25	1	900	72	43,768
10	Clothing, women's, dressmaking	12	36,665			990	35,675	17	3	3,200	53	18,496
11	Confectionery	7	16,860	3,500	400	2,685	10,275	6	5	3,000	23	7,489
12	Dyeing and cleaning	5	1,295			545	750	5			12	3,652
13	Fish, canning and preserving	3	26,725			1,225	25,500	3	2	1,400	27	11,690
14	Flavoring extracts	3	15,090			2,505	12,585	3	4	1,700	6	1,000
15	Flouring and grist mill products	5	594,852	23,000	93,348	87,872	390,632		20	36,135	123	68,642
16	Foundry and machine shop products	11	456,969	49,022	23,257	171,546	213,144	12	21	20,330	338	177,238
17	Furniture, cabinetmaking, repairing, and upholstering.	10	68,888			3,735	65,153	9			59	22,956
18	Furniture, factory product	4	155,750	22,200	55,500	25,900	52,150	8	10	10,020	147	56,149
19	Lock and gun smithing	6	2,705			1,470	1,235	7			5	3,792
20	Looking-glass and picture frames	4	11,800			800	11,000	6			5	2,436
21	Lumber and timber products	12	3,191,797	1,144,736	292,211	525,370	1,229,480	9	45	58,260	1,069	577,700
22	Lumber, planing mill products, including sash, doors, and blinds.	4	230,941		17,740	49,253	163,948	2	10	16,000	199	86,474
23	Millinery, custom work	9	15,445		3,300	145	12,000	11			31	5,696
24	Mineral and soda waters	3	6,350			2,300	4,050	3			9	3,887
25	Painting, house, sign, etc	9	11,205	1,200	800	1,725	7,480	11			53	27,608
26	Patent medicines and compounds	5	6,819			2,025	4,794	3	3	3,137	30	20,810
27	Photography	9	10,550		150	5,450	4,950	9			12	5,833
28	Plastering and stuccowork	4	740			475	265	4			12	8,600
29	Plumbing, and gas and steam fitting	9	26,575	4,500		1,800	20,275	8			35	27,285
30	Printing and publishing, book and job	12	56,053			37,418	18,635	15	3	3,380	48	22,916
31	Printing and publishing, newspapers and periodicals.	17	121,268			79,924	41,344	15	56	44,990	76	61,753

BY SPECIFIED INDUSTRIES: 1900—Continued.

SPOKANE—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
94	$45,039					$54,765	$671	$123	$471	$53,500	$145,485	$145,385	$100	$270,599	7
287	192,658					3,222		3,062	160		229,218	220,766	8,452	443,838	8
72	47,021	9	$4,898			12,279	9,135	600	1,884	660	53,702	52,702	1,000	144,802	9
		43	14,336			2,172	2,004	14	154		13,839	13,505	334	38,282	10
30	14,639	22	3,400			5,913	600	591	4,722		80,338	77,678	2,660	117,700	11
4	3,200	4	1,500			1,202	1,080	4	118		1,808	1,310	498	12,200	12
46	31,364	12	2,400			19,623	4,110	1,122	14,391		731,156	724,506	6,650	886,817	13
97	67,594					7,132	640	755	4,137	1,600	96,297	90,398	5,899	202,946	14
25	16,796					5,391	3,564	302	1,525		25,480	24,880	600	62,480	15
47	47,368					138,369	1,900	2,815	133,654		83,734	72,962	10,772	444,680	16
1	1,200					739	660	3	76		648	520	128	4,200	17
92	37,940					9,583		1,383	8,200		89,320	89,320		173,690	18
243	128,253					29,914	2,455	2,371	25,088		327,796	326,433	1,363	566,124	19
		21	7,400			4,697	3,303	106	1,288		38,194	38,188	6	69,250	20
32	27,900					4,776	3,036	17	1,123	600	19,756	19,622	134	67,843	21
5	3,140	5	1,991			3,854	3,150	53	651		10,085	9,965	120	29,450	22
102	80,815					8,242	3,304	151	2,387	2,400	215,364	214,183	1,181	343,780	23
59	45,244	12	3,722	1	$156	8,956	6,946	549	1,461		28,989	27,415	1,574	128,541	24
2	1,400					28,000	1,176	175	5,422	21,227	8,317	8,317		82,171	25
15	10,033					6,986	4,204	331	2,451		40,600	40,445	155	71,249	26
38	30,155					3,606	2,492	60	1,054		39,259	38,950	309	92,345	27
12	6,040	3	770			2,793	540	25	2,228		12,271	12,271		26,914	28
18	13,238					3,981	2,805	147	529	500	12,601	12,410	191	41,593	29
159	93,752	8	2,889	1	180	30,171	9,754	3,173	16,564	680	436,897	428,871	8,026	762,792	30

materials, 1; pickles, preserves, and sauces, 1; pottery, terra cotta, and fire-clay products, 1; shirts, 1; show cases, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 1; vinegar and cider, 2.

TACOMA.

4,104	$2,285,516	203	$60,695	40	$9,817	$461,017	$71,002	$45,075	$327,635	$17,305	$7,389,166	$7,278,464	$110,702	$12,029,497	1
12	7,496			1	263	1,952	1,278	53	621		10,469	10,276	193	28,113	2
22	13,365					2,135	1,387	76	672		16,642	15,359	1,283	47,427	3
8	4,043					1,672	1,348	39	195	90	9,087	9,045	42	24,184	4
25	15,102	2	510	3	626	4,026	2,088	154	1,784		51,855	49,793	2,062	90,826	5
13	7,600	1	480			526	360	17	149		18,848	18,834	14	43,200	6
369	217,573					11,485	2,622	254	8,609		183,220	183,160	60	481,818	7
33	25,160			2	908	2,802	1,384	188	1,230		31,930	30,669	1,261	76,956	8
55	37,161	17	6,607			7,253	6,026	207	1,020		46,393	45,953	440	129,781	9
2	1,400	51	17,096			3,683	2,381	9	1,293		62,287	62,237	50	100,428	10
13	5,321	10	2,168			2,581	1,110	96	1,375		28,737	28,200	537	55,384	11
9	2,852	3	800			1,342	762	11	569		956	700	256	12,520	12
21	10,200	6	1,490			1,600	600	50	950		48,596	48,426	170	74,375	13
2	500	4	500			560	402	28	130		4,830	4,805	25	10,055	14
123	68,642					35,963	600	3,115	31,528	720	1,144,997	1,138,887	6,110	1,398,408	15
333	175,798	1	360	4	1,080	15,829	1,498	1,383	12,948		257,953	248,058	9,895	540,675	16
57	22,006	2	950			11,658	2,710	919	6,529	1,500	101,280	101,255	25	178,508	17
139	54,463	6	1,406	2	280	8,676		2,732	5,944		128,100	126,210	1,890	265,740	18
5	3,792					1,091	876	24	191		2,349	2,171	178	12,346	19
5	2,436					1,981	1,560	71	350		10,845	10,835	10	21,000	20
1,069	577,700					71,744	1,375	17,586	52,783		1,485,611	1,485,611		2,363,065	21
194	85,570	2	288	3	616	26,347	2,825	871	22,651		206,637	206,637		357,941	22
		31	5,696			2,557	1,734	98	725		21,150	21,150		40,035	23
7	3,653			2	234	750	420	55	275		8,918	8,816	102	23,000	24
53	27,608					2,947	816	109	2,022		30,965	30,953	12	76,956	25
27	20,030	3	780			4,084	1,256	44	2,784		6,923	6,899	24	41,533	26
5	2,858	7	2,975			3,715	2,600	110	1,005		7,370	7,370		25,490	27
12	8,600					260	60		200		5,250	5,250		17,700	28
35	27,285					3,994	1,188	314	2,492		71,962	71,887	75	117,173	29
42	21,333	1	401	5	1,182	5,185	2,690	424	1,071	1,000	17,886	16,628	1,258	73,487	30
71	60,731	2	500	3	522	37,074	6,604	134	19,341	10,995	34,926	33,249	1,677	242,923	31

TABLE 8.—MANUFACTURES IN CITIES

TACOMA—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
32	Saddlery and harness	3	$8,400	$1,000		$900	$6,500	1	1	$1,500	13	$9,090
33	Ship and boat building, wooden	3	117,584	7,500	$55,600	26,050	28,434	3	7	11,280	169	95,602
34	Tinsmithing, coppersmithing, and sheet-iron working.	10	73,600	2,700	20,000	13,925	36,975	11	5	4,560	44	29,760
35	Tobacco, cigars and cigarettes	13	19,730	1,650	4,100	530	13,450	14	1	780	39	19,934
36	Watch, clock, and jewelry repairing	11	41,300	15,000	15,000	3,850	7,450	10			14	8,482
37	All other industries[1]	62	2,679,992	253,025	443,982	950,412	1,032,573	57	94	103,488	1,133	634,164

[1] Embraces awnings, tents, and sails, 2; babbitt metal and solder, 1; bookbinding and blank book making, 2; boots and shoes, factory product, 1; bottling, 1; boxes, cigar, 1; boxes, wooden packing, 2; brick and tile, 2; bridges, 1; carpets, rag, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by steam railroad companies, 1; cars and general shop construction and repairs by street railroad companies, 1; clothing, men's, factory product, 1; clothing, women's, factory product, 2; coffee and spice, roasting and grinding, 1; coffins, burial cases, and undertakers' goods, 1; cooperage, 1; electrical construction and repairs, 2; electroplating, 1; enameling and enameled goods, 1; engraving, steel, including plate printing, 2; fur goods, 2; gas and lamp fixtures, 1; gas, illuminating

TABLE 9.—MANUFACTURES IN CITIES

1	Total for cities	324	$4,496,232	$374,164	$713,741	$1,029,870	$2,378,457	345	153	$150,562	2,750	$1,276,589
2	Dayton	47	274,665	14,200	39,500	57,690	163,275	50	9	8,100	69	40,645
3	Everett	84	1,681,549	114,450	330,051	458,040	779,008	83	74	72,254	900	509,009
4	Fairhaven	30	1,163,291	22,100	118,665	148,696	873,830	30	18	19,547	1,026	287,493
5	New Whatcom	71	448,219	127,064	37,300	169,620	114,235	75	20	19,618	359	195,394
6	Snohomish	22	137,625	16,300	20,150	35,280	65,895	23	11	8,550	130	73,182
7	Wallawalla	70	790,883	80,050	168,075	160,544	382,214	84	21	22,493	266	170,866

BY SPECIFIED INDUSTRIES: 1900—Continued.

TACOMA—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
13	$9,090	-------	----------	-------	----------	$2,255	$1,680	$85	$490	----------	$40,353	$40,305	$48	$64,200	32
169	95,602	-------	----------	-------	----------	8,855	565	1,253	6,037	$1,000	115,965	113,939	2,026	209,750	33
44	29,760	-------	----------	-------	----------	4,361	1,680	436	2,245	----------	49,419	49,144	275	128,886	34
39	19,934	-------	----------	-------	----------	12,223	2,566	151	9,506	----------	41,438	41,403	35	83,435	35
12	8,094	1	$288	1	$100	1,848	1,245	71	332	200	9,059	8,965	94	31,850	36
1,066	612,758	53	17,400	14	4,006	156,003	12,706	13,908	127,589	1,800	3,075,960	2,995,385	80,575	4,540,329	37

and heating, 1; hand knit goods, 1; hand stamps, 1; ice, manufactured, 1; jewelry, 2; lead, smelting and refining, 1; liquors, malt, 1; lithographing and engraving, 2; marble and stone work, 2; masonry, brick and stone, 2; paving and paving materials, 1; roofing and roofing materials, 1; saws, 1; shirts, 1; show cases, 1; slaughtering and meat packing, wholesale, 1; slaughtering, wholesale, not including meat packing, 1; soap and candles, 1; steam fittings and heating apparatus, 1; stencils and brands, 1; trunks and valises, 1; umbrellas and canes, 2; vinegar and cider, 1; wood, turned and carved, 2.

UNDER 20,000 IN POPULATION: 1900.

2,590	$1,238,976	102	$25,130	58	$12,483	$165,196	$43,907	$25,629	$395,200	$460	$4,631,047	$4,551,421	$79,626	$7,388,803	1
65	39,765	4	880	-------	----------	13,947	3,934	2,635	7,378	----------	430,941	427,076	3,865	573,516	2
867	500,156	19	4,825	14	4,028	168,022	9,791	7,000	150,946	285	1,820,523	1,777,113	43,410	2,803,382	3
941	269,873	58	12,450	27	5,170	161,803	2,797	4,005	155,001	----------	1,044,609	1,035,950	8,659	1,699,015	4
338	191,539	13	2,705	8	1,150	31,345	10,333	4,081	16,856	75	293,237	285,481	7,756	643,931	5
125	72,387	-------	----------	5	795	15,976	2,610	1,033	12,333	----------	316,052	313,584	2,468	484,446	6
254	165,256	8	4,270	4	1,340	74,103	14,442	6,875	52,686	100	725,685	712,217	13,468	1,184,513	7

WEST VIRGINIA.

West Virginia was organized as a state in 1863, and therefore first appeared in census statistics in 1870.

Table 1 shows the manufacturing and mechanical industries of the state as returned at the censuses of 1870 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1870 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.				PER CENT OF INCREASE.		
	1900	1890	1880	1870	1890 to 1900	1880 to 1890	1870 to 1880
Number of establishments	4,418	2,376	2,375	2,444	85.9	(1)	[2]2.8
Capital	$55,904,238	$28,118,030	$13,883,390	$11,084,520	98.8	102.5	25.3
Salaried officials, clerks, etc., number	1,857	32,629	(4)	(4)	[2]29.4		
Salaries	$1,570,797	[3]$1,419,218	(4)	(4)	10.7		
Wage-earners, average number	33,272	19,340	14,311	11,672	72.0	35.1	22.6
Total wages	$12,969,237	$6,911,779	$4,313,965	$4,322,164	87.6	60.2	[2]0.2
Men, 16 years and over	29,083	17,074	12,900	10,728	70.3	32.4	20.2
Wages	$12,165,341	$6,546,797	(4)	(4)	85.8		
Women, 16 years and over	3,349	1,455	346	287	130.2	320.5	20.6
Wages	$674,227	$256,183	(4)	(4)	163.2		
Children, under 16 years	840	811	1,065	657	3.6	[2]23.8	62.1
Wages	$129,669	$108,799	(4)	(4)	19.2		
Miscellaneous expenses	$3,945,814	$1,960,929	(5)	(5)	101.2		
Cost of materials used	$43,006,880	$23,729,089	$14,027,388	$14,503,701	81.2	69.2	[2]3.3
Value of products, including custom work and repairing	$74,838,330	$38,702,125	$22,867,126	$24,102,201	93.4	69.2	[2]5.1
Total population	958,800	762,794	618,457	442,014	25.7	23.3	39.9
Wage-earners engaged in manufactures	33,272	19,340	14,311	11,672	72.0	35.1	22.6
Per cent of total population	3.5	2.5	2.3	2.6			
Assessed value of real estate	[6]$172,250,553	$121,202,365	$105,000,306	$95,924,774	42.1	15.4	9.5
Value of land and buildings invested in manufactures [7]	$15,096,225	$7,754,341	(4)	(4)	94.7		
Per cent of assessed value	8.8	6.4					

[1] Less than one-tenth of 1 per cent.
[2] Decrease.
[3] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[4] Not reported separately.
[5] Not reported.
[6] As given for the year 1899, in the Report of the Auditor of the State of West Virginia, page 46.
[7] Does not include value of rented property.

Although West Virginia is an agricultural state, Table 1 shows that there has been a considerable growth in the manufacturing and mechanical industries during the last thirty years. The population during these years increased from 442,014 to 958,800, or 116.9 per cent, while the average number of wage-earners employed in manufacturing establishments increased from 11,672 to 33,272, or 185.1 per cent, embracing, in 1900, 3.5 per cent of the entire population, compared with 2.6 per cent in 1870. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 45,111, or 4.7 per cent of the total population of the state. The greatest increase in the value of products, $36,136,205, or 93.4 per cent, is shown for the decade ending with the year 1900. During the decade from 1870 to 1880 there was a decrease of 5.1 per cent in the value of products. The values for 1870, however, were expressed in a currency which was at a discount in gold, and should be reduced by about one-fifth for purposes of comparison with other census years.

Manufactures in West Virginia are very largely located in the northern part of the state and along the Ohio River, which for 300 miles forms its western boundary. The value of products reported in 1900 for the 12 counties bordering upon this river amounted to $43,990,709, or 58.8 per cent of the total for the state. Four of these counties, situated within the narrow strip of territory between the Ohio River and Pennsylvania, reported 43.8 per cent of the state's total value of products. This localization, which was shown also at the census of 1860, is due partly to the shipping facilities furnished by the Ohio River and partly to abundant supplies of gas and coal in this part of the state. The first natural gas known in America was discovered in West Virginia, and it was here also that it was first used for manufacturing purposes.[1] At the close of 1899 there were in the state 1,646.3 miles of pipe for conveying natural gas to consumers and the production of that year, valued at $2,335,864, was exceeded by only two states, Pennsylvania and Indiana.[2] Natural gas has no equal as fuel in the manufacture of glass, the puddling of iron, and the heating of large furnaces in the manufacture of steel. In West Virginia, during 1899, it was used in 305 establishments in these and other industries.[3] Many

[1] The Mountain State, by G. W. Summers, pages 76 and 78.
[2] United States Geological Survey, Mineral Resources of the United States, 1899, Nonmetallic Products, except Coal and Coke, pages 299 and 304.
[3] Ibid., page 302.

of the factories in Wheeling use coal mined within or near the city limits, while others are supplied from the coal fields of Marion county, 50 miles distant.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for educational and eleemosynary institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	6,364	$56,392,364	7,135	33,481	$12,987,194	$3,963,478	$43,170,729	$14,233,141	$26,979,337	$1,958,251	$75,259,094
Hand trades[1]	1,386	2,206,747	1,520	2,626	1,029,018	302,239	2,104,484	19,650	2,009,677	75,157	4,794,829
Educational and eleemosynary institutions	3	11,910				37	21,095		20,901	194	30,853
Establishments with a product of less than $500	1,943	476,216	2,051	209	17,957	17,627	142,754	46,528	96,226		389,911
All other establishments	3,032	53,697,491	3,564	30,646	11,940,219	3,643,575	40,902,396	14,166,963	24,852,533	1,882,900	70,043,501

[1] Includes bicycle and tricycle repairing, 16; blacksmithing and wheelwrighting, 580; boots and shoes, custom work and repairing, 116; carpentering, 93; clothing, men's, custom work and repairing, 116; clothing, women's, dressmaking, 47; dyeing and cleaning, 9; furniture, cabinetmaking, repairing, and upholstering, 43; lock and gun smithing, 5; masonry, brick and stone, 39; millinery, custom work, 127; painting, house, sign, etc., 43; paper hanging, 3; plastering and stuccowork, 12; plumbing, and gas and steam fitting, 46; sewing machine repairing, 2; watch, clock, and jewelry repairing, 89.

Of the 6,364 establishments of all classes shown in this table, 3,329, or 52.3 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $5,184,740, or 6.9 per cent of the total products of the state.

In addition to the 6,364 active establishments in the state during the census year, with a capital of $56,392,364, shown in Table 2, there were 33 idle establishments, with a capital of $868,450, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Brick and tile	4	$41,000	Glass	5	$335,720
Explosives	1	68,200	Iron and steel	2	380,535
Flouring and grist mill products	10	12,013	Leather, tanned, curried, and finished	2	15,700
Fruits and vegetables, canning and preserving	1	10,250	All other industries	8	5,032

TABLE 3.—COMPARATIVE SUMMARY OF TEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Total for selected industries for state	1900	2,061	$36,532,455	21,422	$8,677,943	$1,343,750	$29,432,349	$48,987,302
	1890	1,186	18,220,249	13,368	4,713,876	596,976	17,092,130	25,579,451
Increase, 1890 to 1900		875	18,312,206	8,054	3,964,067	746,774	12,340,219	23,407,851
Per cent of increase		73.8	100.5	60.2	84.1	125.1	72.2	91.5
Per cent of total of all industries in state	1900	46.7	65.3	64.4	66.9	34.1	68.4	65.5
	1890	49.9	64.8	69.1	68.2	30.4	72.0	66.1
Cars and general shop construction and repairs by steam railroad companies.	1900	23	1,040,311	2,605	1,256,640	32,355	1,586,916	2,943,557
	1890	7	533,305	1,022	433,335		467,841	910,393
Clay products:								
Total	1900	56	2,219,842	1,819	684,820	145,364	316,103	1,541,239
	1890	35	289,628	448	130,575	5,795	69,949	304,865
Brick and tile	1900	42	609,576	550	184,376	30,530	96,969	436,356
	1890	27	202,946	387	107,551	3,036	57,309	249,493
Pottery, terra cotta, and fire-clay products	1900	14	1,610,266	1,269	500,444	114,834	219,134	1,104,883
	1890	8	86,682	61	23,024	2,759	12,640	55,372
Coke	1900	77	4,452,579	3,131	890,024	226,603	1,966,682	3,529,241
	1890	45	1,716,837	1,034	284,375	53,310	709,576	1,130,762
Flouring and grist mill products	1900	737	2,126,470	314	154,623	55,972	4,555,003	5,541,353
	1890	496	1,767,003	545	140,959	64,298	3,228,786	3,902,994
Foundry and machine shop products	1900	62	877,401	591	317,293	45,760	666,244	1,401,852
	1890	30	482,940	355	169,576	27,737	185,521	506,513
Glass	1900	16	1,338,084	1,949	789,422	112,791	593,251	1,871,795
	1890	7	825,313	1,371	511,079	40,805	277,033	945,234

TABLE 3.—COMPARATIVE SUMMARY OF TEN LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Iron and steel	1900	11	$8,202,910	4,467	$2,293,524	$225,165	$10,422,322	$16,514,212
	1890	12	6,458,924	3,757	1,734,764	147,432	7,906,036	10,556,865
Leather, tanned, curried, and finished	1900	46	5,049,615	664	224,444	144,458	2,541,197	3,210,753
	1890	50	567,072	210	88,487	28,465	680,298	896,120
Lumber and timber products	1900	950	10,421,570	5,327	1,828,558	314,111	5,584,717	10,612,837
	1890	454	5,086,114	4,182	1,039,530	203,511	3,023,297	5,515,065
Lumber, planing mill products, including sash, doors, and blinds	1900	83	803,673	555	238,595	41,171	1,199,914	1,820,463
	1890	50	493,113	444	181,196	25,623	543,793	910,640

The 10 leading industries of the state in 1900, as shown in Table 3, embraced 2,061 establishments, or 46.7 per cent of the total number in the state; used a capital of $36,532,455, or 65.3 per cent of the total; gave employment to 21,422 wage-earners, or 64.4 per cent of the total number; and paid $8,677,943, or 66.9 per cent of the total wages. The value of their products was $48,987,302, or 65.5 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

Table 3 shows that the manufacture of iron and steel is the most important industry in the state. The 11 establishments reported in 1900 gave employment to 4,467 wage-earners, or 13.4 per cent of the wage-earners employed in the state, and their products were valued at $16,514,212, or 22.1 per cent of the total value of the products of the state. In 1890 there were 12 establishments, 3,757 wage-earners, and products valued at $10,556,865. The increase in the value of products during the decade was $5,957,347, or 56.4 per cent. This is a greater absolute increase than is shown for any other industry. The products of the blast furnaces for 1900 were valued at $3,119,301, while the value of the products of the rolling mills and steel works, including tin and terne plate, amounted to $14,857,344. The first rolling mill west of the Allegheny Mountains, of which there is any exact record, was in operation near Morgantown as early as 1812.[1] Cut nails were among the products of this pioneer mill, a manufacture which afterward became so important that Wheeling, its chief center, was at one time known as "The Nail City." The industry has declined in recent years as a result of the greater demand for wire nails, which have never been very largely manufactured in West Virginia. The iron and steel manufacture of the state is confined to Wheeling and its vicinity. Its development there is due, in part, to the cheapness of fuel—natural gas being used in almost all the rolling mills—and also to the proximity of the Pittsburg (Pa.) district.

The manufacture of lumber and timber products ranked second among the industries of the state in 1900, with 950 establishments, 5,327 wage-earners, and products valued at $10,612,837. In 1890 there were 454 establishments, with 4,182 wage-earners, and products valued at $5,515,065. The increase in the value of products during the decade was $5,097,772, or 92.4 per cent. In 1898 there were in the state 16,000 square miles of forests, including spruce, poplar, and one of the largest areas of hard-wood timber in the United States.[2] There was little development of the state's forest wealth until after 1865, owing to the lack of transportation facilities,[3] and in 1870 lumbering held only fifth rank among the industries of the state. The railroad construction between the years 1896 and 1900 opened up new regions for lumbering operations and explains, in part, the rapid increase in the industry since 1890. The greatest production shown is for the mountainous counties in the eastern part of the state, the city of Charleston being an important lumber center.

There were 737 establishments engaged in flour and grist milling in 1900, the industry third in rank, with 314 wage-earners, and products valued at $5,541,353. In 1890, 496 establishments were reported, with 545 wage-earners, and products valued at $3,902,994. The increase in the value of products during the decade was $1,638,359, or 42 per cent. This is the first notable increase in this industry since the formation of the state, the value of the products reported at the censuses of 1870, 1880, and 1890 being, in each instance, nearly the same.

There were 77 establishments engaged in the manufacture of coke in 1900, with 3,131 wage-earners, and products valued at $3,529,241. In 1890, 45 establishments were reported, with 1,034 wage-earners, and products valued at $1,130,762. The increase in the value of products during the decade was 212.1 per cent. The development of this industry in West Virginia during the last twenty years is remarkable. In 1880 the state produced 3.5 per cent of the coke made in the United States; in 1889, 6.1 per cent; and in 1899, 11.6 per cent, ranking second only to Pennsylvania in that year.[4] This high rank is due, not so much to the large coal production of the state, which was but 7.6 per cent of the total production in 1899, as to the special suitability of this coal for coking purposes. One-half of the entire production in 1890 was

[1] The Pittsburg Almanac for 1813, quoted in the Tenth Census of the United States, Manufactures, general folio 831.

[2] Report of the West Virginia Bureau of Labor Statistics, 1897–1898, page 116.

[3] History of West Virginia, by R. E. Fast and H. Maxwell, page 233.

[4] See special report on Coke.

from the ovens of the Flat Top District in the southern part of the state. Next to the Connellsville District this is the most important coking region in the United States.[1] The recent completion by the United States Government of a series of 11 locks and dams on the Kanawha River, rendering it navigable for 90 miles from its mouth, has stimulated the coke as well as the coal production of the Kanawha District drained by this river.

There were 46 establishments engaged in the tanning and currying of leather in 1900, with 664 wage-earners, and products valued at $3,210,753. In 1890 there were 50 establishments, with 210 wage-earners, and products valued at $896,120. The increase in the value of products during the decade was $2,314,633, or 258.3 per cent. Tanning has been carried on in West Virginia in a small way since the early days of its settlement as a part of Virginia. In 1860 the value of leather manufactured in Ohio county alone was $104,150. But it was during the last decade that the industry became of special importance. The extensive oak and hemlock forests furnish the bark for tanning purposes,[2] and the rapid growth of the industry since 1890 must be attributed to the increased supply of this material, made available by the great increase in lumbering. The largest production of leather in 1900 was in the eastern and northeastern parts of the state, a region from which a very large lumber product was also reported.

There were 23 establishments engaged in the car construction and general shop work of steam railroad companies in 1900, with 2,605 wage-earners, and products valued at $2,943,557. In 1890 there were 7 establishments, with 1,022 wage-earners, and products valued at $910,393. The increase in the value of products during the decade was $2,033,164, or 223.3 per cent.

There were 16 establishments engaged in the manufacture of glass in 1900, with 1,949 wage-earners, and products valued at $1,871,795. In 1890 there were 7 establishments, with 1,371 wage-earners, and products valued at $945,234. The increase in the value of products during the decade was $926,561, or 98 per cent. These products included 2,288,580 dozen blown tumblers, stem ware, and bar goods, and 61,547 dozen lamps. Glass produced in these factories during the census year was exported to Australia, Canada, Mexico, England, South America, and South Africa. Glass has been manufactured in what is now West Virginia since 1821, when a window glass factory was erected in Wheeling, and it was in this city, in 1864, that the second great improvement in the glass manufacture of modern times was made.[3] The cost of manufacture was reduced by one-half by the discovery of a process which caused the substitution of lime glass for flint glass in the finer products. The cheapness of natural gas, as well as the superior glass produced as a result of the absence of sulphur,[4] caused this fuel to be employed almost exclusively in the glass works of the state in 1900.

There were 62 establishments engaged in the manufacture of foundry and machine shop products in 1900, with 591 wage-earners, and products valued at $1,401,852. In 1890 there were 30 establishments, with 355 wage-earners, and products valued at $506,513. The increase in the value of products during the decade was $895,339, or 176.8 per cent. These products included machinery used in the factories and mines, several establishments in and near Parkersburg, the oil center of the state, making the manufacture and repair of oil-drilling machinery a specialty.

There were 83 establishments engaged in the manufacture of planing mill products in 1900, with 555 wage-earners, and products valued at $1,820,463. In 1890 there were 50 establishments, with 444 wage-earners, and products valued at $910,640. The increase in the value of products during the decade was $909,823, or 99.9 per cent.

There were 14 establishments engaged in the manufacture of pottery, terra cotta, and fire-clay products in 1900, with 1,269 wage-earners, and products valued at $1,104,883. In 1890, 8 establishments were reported, with 61 wage-earners, and products valued at $55,372. The increase in the value of products during the decade was $1,049,511, or 1,895.4 per cent. These products included porcelain china and other porcelain ware, and vitrified brick. The industry is carried on almost exclusively in the extreme northern part of the state in the vicinity of East Liverpool, Ohio, one of the most important centers of the pottery manufacture in the United States.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the city of Wheeling, as returned at the censuses of 1880, 1890, and 1900, with percentages of increase.

[1] United States Geological Survey: Mineral Resources of the United States, 1899, Metallic Products, Coal, and Coke, pages 354, 624, 625, and 626.

[2] History of West Virginia, pages 233 and 234.

[3] W. Leighton, Jr., quoted in Tenth Census of the United States, Manufactures, general folios 1116 and 1117.

[4] Handbook of Commercial Geography, by G. G. Chisholm, page 390.

TABLE 4.—COMPARATIVE SUMMARY, WHEELING, 1880, 1890, AND 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.			PER CENT OF INCREASE.	
	1900	1890	1880	1890 to 1900	1880 to 1890
Number of establishments	406	418	227	[1] 2.9	84.1
Capital	$13,224,577	$8,494,630	$4,868,288	55.7	74.5
Wage-earners, average number	7,219	6,107	5,512	18.2	10.8
Total wages	$3,096,730	$2,471,162	$2,192,255	25.3	12.7
Miscellaneous expenses	$1,954,205	$1,205,931	([2])	62.0	----------
Cost of materials used	$9,076,978	$7,381,940	$5,203,931	23.0	41.9
Value of products, including custom work and repairing	$16,747,544	$13,022,589	$9,259,844	28.6	40.6

[1] Decrease. [2] Not reported.

It appears from Table 4 that there has been a considerable increase during the past decade in the manufactures of Wheeling, the principal city of the state. Although the number of establishments decreased from 418 to 406, or 2.9 per cent, there was an increase in the average number of wage-earners from 6,107 to 7,219, or 18.2 per cent; and in the value of products from $13,022,589 to $16,747,544, or 28.6 per cent. The increase was much smaller in Wheeling than in the state as a whole. The number of establishments, number of wage-earners, and value of products reported for this city in 1900 constituted 9.2, 21.7, and 22.4 per cent, respectively, of the totals for the entire state.

Table 5 presents the totals for the manufacturing industries of the 6 cities and towns withdrawn from the enumerators and places them in comparison with the totals for the entire state and the state exclusive of these cities and towns.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Total for state	4,418	$55,904,238	5,084	33,272	$12,969,237	$3,945,814	$43,006,880	$74,838,330
Total for urban manufactures	912	25,925,791	939	16,039	6,772,128	2,642,268	22,465,335	39,153,271
Benwood	16	4,727,266	11	2,995	1,388,601	141,352	6,572,629	11,142,268
Charleston	119	1,371,807	110	1,176	454,578	95,991	1,033,443	2,052,762
Huntington	89	2,286,230	92	1,861	871,708	117,075	2,598,937	3,873,432
Martinsburg	101	1,633,024	103	1,105	282,921	113,757	832,551	1,410,514
Parkersburg	181	2,682,887	197	1,683	677,590	219,888	2,350,797	3,926,751
Wheeling	406	13,224,577	426	7,219	3,096,730	1,954,205	9,076,978	16,747,544
Total for state exclusive of urban manufactures	3,506	29,978,447	4,145	17,233	6,197,109	1,303,546	20,541,545	35,685,059
Per cent of urban manufactures to total for state	20.6	46.4	18.5	48.2	52.2	67.0	52.2	52.3

Of the 4,418 establishments in the state, 912, or 20.6 per cent, were located in these 6 cities and towns. They furnished employment to 16,039 wage-earners, or 48.2 per cent of the total number, and the value of their products, $39,153,271, formed 52.3 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the city of Wheeling by specified industries.

Table 9 shows the totals for the cities and towns withdrawn from the enumerators, exclusive of the city of Wheeling.

TABLE 6.—MANUFACTURES

	Counties and manufacturing and mechanical industries.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
1	The State	4,418	$55,904,238	$6,853,767	$8,242,458	$16,790,585	$24,017,428	5,084	1,857	$1,570,797	33,272	$12,969,237
2	Barbour	61	139,543	12,259	19,660	69,228	38,396	77	2	775	84	29,904
3	Berkeley	150	1,710,138	217,447	374,472	519,921	598,298	157	56	46,384	1,181	307,956
4	Boone	18	29,627	10,522	1,960	12,945	4,200	22	2	1,200	24	6,175
5	Braxton	80	430,714	119,632	25,975	136,866	148,241	103	6	6,300	188	69,224
6	Brooke	56	723,592	45,862	164,163	201,268	312,299	58	40	42,446	762	289,857
7	Cabell	140	2,660,511	171,175	467,450	602,500	1,419,386	154	122	98,748	2,269	1,014,510
8	Calhoun	22	37,659	1,970	5,400	19,710	10,579	31	1	600	16	4,568
9	Clay	39	242,413	79,105	11,751	105,045	46,512	44	17	11,650	205	71,066
10	Doddridge	64	109,569	11,631	11,070	40,926	45,942	86	2	2,480	91	43,364
11	Fayette	77	1,679,993	419,544	79,220	927,128	254,101	59	56	48,020	889	284,652
12	Gilmer	74	154,689	44,437	12,890	51,560	45,802	106	6	3,017	56	18,243
13	Grant	29	1,133,885	293,404	79,639	330,177	430,665	25	24	27,324	365	123,386
14	Greenbrier	105	741,967	299,812	48,895	238,660	154,600	128	6	3,695	203	57,858
15	Hampshire	75	351,284	25,954	49,767	71,615	203,948	89	3	1,500	109	32,515
16	Hancock	33	1,035,343	179,382	417,842	247,302	190,817	38	27	32,058	697	271,709
17	Hardy	35	229,945	5,607	51,491	26,272	146,575	41	2	1,120	45	14,433
18	Harrison	156	588,121	58,708	101,505	201,160	226,748	170	25	15,890	355	143,523
19	Jackson	114	223,600	30,241	29,840	90,979	72,540	150	7	3,519	254	74,307
20	Jefferson	94	1,156,795	317,735	242,213	264,526	332,321	100	25	24,280	503	149,362
21	Kanawha	200	2,948,670	505,463	264,299	701,785	1,477,123	199	146	130,276	1,923	732,074
22	Lewis	75	178,429	20,588	25,805	76,104	55,932	92	6	3,495	132	47,979
23	Lincoln	33	47,366	5,031	6,130	29,745	6,460	39	2	550	36	10,600
24	Logan	14	9,285	795	3,825	2,990	1,675	14	------	------	5	1,700
25	McDowell	55	2,069,860	60,947	235,576	1,618,031	155,306	35	100	59,639	1,613	405,626
26	Marion	162	1,520,351	150,765	277,994	558,077	533,515	184	67	39,950	890	421,918
27	Marshall	99	5,737,154	550,500	1,244,785	1,976,827	1,965,042	106	114	107,895	3,714	1,632,624
28	Mason	59	588,350	191,807	98,343	153,937	144,263	72	33	23,526	377	109,468
29	Mercer	85	683,810	35,095	65,861	454,534	128,320	101	37	25,006	956	325,252
30	Mineral	57	1,270,888	47,296	181,248	199,094	843,250	64	41	27,665	734	311,022
31	Mingo	27	268,975	151,135	3,345	52,210	62,285	31	10	5,410	117	42,962
32	Monongalia	67	529,682	73,965	132,275	155,772	167,670	82	20	14,546	455	182,311
33	Monroe	69	138,109	15,005	27,135	66,600	29,369	90	1	900	81	23,181
34	Morgan	48	1,462,793	50,975	178,295	254,358	979,165	55	10	17,881	239	68,911
35	Nicholas	45	102,934	20,840	10,285	31,047	40,762	53	6	3,780	51	17,448
36	Ohio	432	13,600,987	1,113,242	2,178,516	2,604,652	7,704,577	456	482	452,243	7,348	3,153,959
37	Pendleton	55	113,373	6,013	20,197	35,585	51,578	66	------	------	45	12,585
38	Pleasants	34	129,840	4,630	14,885	37,150	73,175	39	3	4,320	44	27,815
39	Pocahontas	40	82,987	31,792	8,585	22,520	20,090	55	6	2,700	55	17,270
40	Preston	152	587,283	79,387	69,125	260,640	178,131	169	15	7,250	338	116,778
41	Putnam	62	170,872	48,600	19,048	67,300	35,924	82	5	2,200	89	30,531
42	Raleigh	56	83,067	8,050	9,662	32,079	33,276	70	------	------	36	10,581
43	Randolph	97	1,598,966	462,897	102,277	384,172	649,620	116	29	26,928	718	281,981
44	Ritchie	94	206,039	27,794	26,310	75,695	76,240	112	3	1,400	107	38,521
45	Roane	59	121,320	21,265	12,240	57,133	30,682	73	9	4,900	143	48,285
46	Summers	51	211,616	33,072	27,190	83,359	67,995	65	18	8,320	366	148,154
47	Taylor	73	370,055	37,135	60,160	144,061	128,699	93	13	8,640	360	165,775
48	Tucker	59	2,614,013	177,374	229,880	933,603	1,273,156	54	58	58,745	997	373,658
49	Tyler	79	204,890	10,390	28,870	65,341	100,289	89	12	10,520	180	105,611
50	Upshur	92	534,325	63,467	48,067	131,615	291,176	117	10	5,794	264	95,284
51	Wayne	58	217,273	53,225	23,965	76,392	63,691	74	10	9,780	167	77,998
52	Webster	58	719,034	158,945	36,922	234,103	289,064	77	5	5,292	295	104,000
53	Wetzel	83	286,764	35,855	43,285	94,205	113,419	111	1	900	171	67,267
54	Wirt	44	82,832	3,835	12,420	37,293	29,284	56	4	850	61	21,201
55	Wood	214	2,925,004	223,090	314,840	890,903	1,496,171	245	146	122,990	1,809	711,624
56	Wyoming	9	107,654	29,075	5,610	33,885	39,084	10	6	5,500	60	20,671

TABLE 7.—MANUFACTURES BY

1	All industries	4,418	$55,904,238	$6,853,767	$8,242,458	$16,790,585	$24,017,428	5,084	1,857	$1,570,797	33,272	$12,969,237
2	Awnings, tents, and sails	4	3,590	------	------	1,490	2,100	5	1	250	8	2,900
3	Bicycle and tricycle repairing	16	16,810	20	180	7,990	8,620	18	1	650	10	3,553
4	Blacksmithing and wheelwrighting	580	351,441	49,733	82,640	63,320	155,748	630	------	------	206	79,430
5	Boots and shoes, custom work and repairing.	116	50,401	8,985	15,435	9,560	16,421	117	------	------	26	9,730
6	Bottling	9	65,550	12,000	11,500	10,850	31,200	5	10	3,155	26	10,455
7	Boxes, fancy and paper	3	37,743	5,000	5,000	13,243	14,500	4	2	792	77	14,784
8	Boxes, wooden packing	5	21,986	1,100	4,832	8,204	7,850	4	1	1,000	50	13,458
9	Brass castings and brass finishing	3	155,009	2,500	12,980	73,470	66,059	2	9	5,982	69	19,033
10	Bread and other bakery products	58	190,887	37,560	53,525	61,304	38,498	64	27	12,194	111	40,666
11	Brick and tile	42	609,576	115,012	201,480	173,305	119,779	48	22	18,422	550	184,376

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
29,083	$12,165,341	3,349	$674,227	840	$129,669	$3,945,814	$323,554	$277,193	$3,060,629	$284,438	$43,006,880	$41,429,263	$1,577,617	$74,838,330	1
80	29,113	3	551	1	240	4,908	634	622	3,652	------	146,553	145,229	1,324	247,373	2
682	220,903	442	81,610	57	5,443	116,158	7,652	6,393	61,307	40,806	937,887	916,839	21,048	1,659,860	3
24	6,175	------	------	------	------	386	20	185	181	------	23,521	23,298	223	43,483	4
188	69,224	------	------	------	------	8,182	526	3,681	3,975	------	686,608	684,157	2,451	924,063	5
499	218,183	187	55,496	76	16,178	51,560	3,896	3,153	42,410	2,101	352,398	305,546	46,852	962,192	6
2,148	988,581	97	23,225	24	2,704	151,558	10,751	15,660	123,997	1,150	2,926,508	2,866,641	59,867	4,510,177	7
16	4,568	------	------	------	------	898	60	334	504	------	37,255	36,748	507	60,264	8
204	70,851	------	------	1	215	3,339	18	656	2,665	------	182,347	182,197	150	326,006	9
84	41,974	4	1,050	3	340	8,918	1,117	628	1,373	5,800	159,977	158,541	1,436	273,141	10
865	280,751	5	1,470	19	2,431	49,239	11,340	9,194	28,705	------	747,686	744,205	3,481	1,375,139	11
52	17,537	2	500	2	206	3,448	1,055	752	1,616	25	157,487	155,782	1,705	248,266	12
361	122,656	4	730	------	------	23,873	351	2,015	21,507	------	604,233	603,259	974	879,944	13
189	55,973	11	1,685	3	200	10,717	1,606	3,595	5,516	------	234,819	232,055	2,764	415,416	14
104	31,790	2	500	3	225	23,327	781	1,643	20,903	------	347,264	343,543	3,721	492,494	15
673	267,656	3	690	21	3,363	56,814	671	4,743	50,200	1,200	150,293	67,679	82,614	659,133	16
43	14,338	------	------	2	95	33,202	241	1,251	31,710	------	247,170	246,369	801	325,517	17
310	133,235	37	8,486	8	1,802	25,896	7,309	3,631	14,906	50	400,971	385,567	15,404	800,532	18
242	72,489	2	540	10	1,278	8,345	1,311	2,855	4,179	------	285,449	282,583	2,866	491,341	19
431	140,179	34	5,490	38	3,693	46,100	1,822	4,102	39,701	475	486,828	454,920	31,908	934,493	20
1,796	704,549	103	24,149	24	3,376	128,585	26,543	18,282	80,998	2,762	2,217,008	2,174,350	42,658	4,153,503	21
127	46,813	4	1,091	1	75	7,853	1,553	1,417	4,883	------	251,390	248,383	3,007	403,389	22
35	10,500	------	------	1	100	1,421	305	441	675	------	99,144	98,133	1,011	145,925	23
5	1,700	------	------	------	------	339	70	116	153	------	14,799	14,714	85	21,016	24
1,602	403,356	4	870	7	1,400	128,814	84,487	9,646	34,681	------	747,884	746,545	1,339	1,443,393	25
769	391,480	72	23,196	49	7,242	79,259	9,121	8,607	60,131	1,400	888,778	862,089	26,689	1,787,461	26
3,813	1,553,718	219	45,423	182	33,483	326,685	2,866	19,698	194,306	109,815	7,597,192	7,060,015	537,177	12,954,865	27
352	105,928	16	2,765	9	775	23,613	4,360	3,699	15,554	------	264,900	235,382	29,518	497,367	28
941	323,773	2	360	13	1,119	38,083	16,334	3,313	18,436	------	586,550	583,426	3,124	1,144,858	29
687	303,251	30	5,942	17	1,829	27,129	1,407	5,637	20,073	3	840,728	830,627	10,101	1,296,949	30
112	41,762	------	------	5	1,200	3,925	108	756	3,061	------	150,828	150,670	158	278,579	31
385	164,182	57	15,711	13	2,418	19,106	451	2,501	16,154	------	279,983	268,485	11,498	644,737	32
78	22,596	3	585	------	------	3,384	882	973	929	600	190,241	189,073	1,168	273,724	33
207	65,835	17	1,756	15	1,320	20,862	537	5,007	15,318	------	756,910	755,568	1,342	950,490	34
50	17,330	------	------	1	118	2,649	650	504	1,495	------	88,573	88,279	294	144,057	35
5,423	2,805,811	1,781	324,639	144	23,509	1,963,902	74,905	68,055	1,734,987	85,955	10,252,873	9,736,810	516,063	18,168,851	36
42	12,265	------	------	3	320	3,640	367	572	2,701	------	109,773	108,759	1,014	161,246	37
44	27,815	------	------	------	------	3,486	978	694	1,614	200	84,620	81,972	2,648	171,567	38
55	17,270	------	------	------	------	950	134	429	387	------	95,260	94,765	495	146,750	39
324	114,607	10	1,529	4	642	11,249	1,194	2,905	7,150	------	467,253	461,889	5,364	811,735	40
86	29,966	1	240	2	325	3,943	425	1,029	2,409	80	203,515	202,150	1,365	313,499	41
34	10,381	1	150	1	50	1,089	136	421	532	------	101,240	100,876	364	148,517	42
702	278,436	4	936	12	2,609	59,237	1,721	7,341	50,175	------	712,970	709,690	3,280	1,396,255	43
104	37,963	1	400	2	158	6,873	1,359	1,218	3,276	1,020	231,743	229,112	2,631	377,082	44
142	48,233	------	------	1	52	3,874	833	780	2,261	------	206,156	204,618	1,538	343,771	45
363	147,862	------	------	3	292	12,724	991	1,841	9,892	------	240,656	239,402	1,254	473,266	46
327	157,031	28	8,319	5	425	22,452	3,661	3,530	13,470	1,791	389,522	383,521	6,001	686,652	47
991	372,594	4	864	2	200	112,627	1,200	8,475	102,602	350	1,454,016	1,440,053	13,963	2,376,645	48
153	99,538	24	5,739	3	334	12,557	6,533	1,271	4,703	50	248,702	242,325	6,377	534,599	49
247	92,199	10	2,310	7	775	28,214	1,732	2,585	23,897	------	505,985	501,732	4,253	869,735	50
166	77,898	------	------	1	100	4,103	594	902	2,607	------	141,772	140,377	1,395	316,994	51
289	102,080	------	------	6	1,920	13,639	165	9,347	4,127	------	368,711	368,247	464	616,462	52
137	58,930	31	7,687	3	650	15,144	1,807	1,746	10,591	1,000	375,540	371,709	3,831	603,331	53
59	20,641	1	300	1	260	1,918	582	367	969	------	109,153	108,355	798	182,224	54
1,682	690,297	93	17,243	34	4,084	223,214	23,378	17,089	154,942	27,805	2,539,339	2,484,120	55,219	4,210,292	55
59	20,575	------	------	1	96	2,413	24	906	1,483	------	77,919	77,884	35	159,710	56

SPECIFIED INDUSTRIES: 1900.

29,083	$12,165,341	3,349	$674,227	840	$129,669	$3,945,814	$323,554	$277,193	$3,060,629	$284,438	$43,006,880	$41,429,263	$1,577,617	$74,838,330	1
3	1,450	5	1,450	------	------	578	360	8	210	------	6,890	6,860	30	14,500	2
8	3,138	------	------	2	415	1,560	1,136	101	323	------	8,305	8,059	246	23,146	3
204	79,230	------	------	2	200	15,567	9,761	2,373	3,408	25	183,147	171,332	11,815	620,516	4
26	9,730	------	------	------	------	6,226	4,785	512	929	------	34,929	34,387	542	104,101	5
24	10,144	1	167	1	144	6,735	850	922	4,963	------	108,061	106,871	1,190	142,900	6
21	7,772	50	6,312	6	700	1,336	720	206	410	------	21,623	21,217	406	48,540	7
48	12,958	------	------	2	500	1,571	280	128	863	300	36,899	35,889	1,010	62,295	8
69	19,033	------	------	------	------	1,583	234	46	1,303	------	71,102	69,214	1,888	123,360	9
95	37,508	9	2,175	7	983	53,140	7,308	1,742	44,090	------	212,556	206,182	6,374	393,920	10
523	181,102	------	------	27	3,274	30,530	1,020	8,319	24,991	1,200	96,969	31,774	65,195	436,356	11

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
12	Carpentering	93	$567,005	$57,550	$66,285	$54,467	$388,703	104	34	$21,750	754	$267,928
13	Carriage and wagon materials	4	125,224	9,900	17,969	41,533	55,822	1	8	6,038	72	27,894
14	Carriages and wagons	80	345,700	44,135	64,025	51,002	186,538	102	7	6,576	260	114,095
15	Cars and general shop construction and repairs by steam railroad companies.	23	1,040,311	43,958	279,536	250,951	465,866	-------	90	67,646	2,605	1,256,640
16	Cheese, butter, and condensed milk, factory product.	4	5,835	300	1,200	2,825	1,510	2	-------	-------	2	480
17	Clothing, men's, custom work and repairing.	116	396,503	21,890	40,200	17,007	317,406	133	19	14,186	471	225,027
18	Clothing, men's, factory product	3	209,574	750	2,500	91,124	115,200	1	6	6,010	88	28,692
19	Clothing, women's, dressmaking	47	10,550	50	850	2,750	6,900	47	2	750	87	16,395
20	Clothing, women's, factory product	3	61,000	-------	-------	53,000	8,000	1	1	1,200	52	10,100
21	Coffee and spice, roasting and grinding	4	64,670	14,000	12,650	12,620	25,400	8	1	468	11	5,085
22	Coke	77	4,452,579	90,416	380,793	3,565,590	415,780	1	208	126,878	3,131	890,024
23	Confectionery	17	68,482	320	1,450	17,808	48,904	15	8	3,792	68	22,323
24	Cooperage	16	91,375	13,740	10,285	13,574	53,776	16	8	2,300	151	67,851
25	Dyeing and cleaning	9	8,235	2,000	1,500	2,080	2,655	11	-------	-------	27	11,255
26	Dye stuffs and extracts	5	272,192	17,850	38,000	66,049	150,293	7	8	7,930	74	26,325
27	Flouring and grist mill products	737	2,126,470	173,473	461,466	1,012,528	479,003	948	24	14,481	314	154,623
28	Foundry and machine shop products	62	877,401	70,914	121,043	272,405	413,039	57	56	51,231	591	317,293
29	Fruits and vegetables, canning and preserving.	9	95,260	11,670	22,390	28,230	32,970	8	4	1,475	128	13,108
30	Furniture, cabinetmaking, repairing, and upholstering.	43	45,345	8,980	10,600	7,480	18,285	49	-------	-------	30	9,308
31	Furniture, factory product	8	492,920	28,700	72,086	90,022	302,112	6	24	30,464	383	134,968
32	Gas, illuminating and heating	8	566,827	49,500	35,500	439,600	42,227	-------	26	10,484	80	39,960
33	Glass	16	1,338,084	75,142	397,301	234,532	631,109	6	85	97,551	1,949	789,422
34	Ice, manufactured	8	413,452	58,000	77,700	250,823	26,929	1	19	13,716	80	39,537
35	Iron and steel	11	8,202,910	871,833	1,890,380	2,425,704	3,014,993	-------	105	129,477	4,467	2,293,524
36	Leather, tanned, curried, and finished	46	5,049,615	110,395	554,202	458,012	3,927,006	38	37	62,889	664	224,444
37	Lime and cement	7	256,860	142,500	28,500	9,160	76,700	3	15	9,260	128	47,200
38	Liquors, distilled	3	416,967	30,020	150,400	98,247	138,300	2	5	7,300	44	16,778
39	Liquors, malt	8	1,714,050	109,811	463,308	366,009	774,922	2	60	70,803	256	117,320
40	Lock and gun smithing	5	5,155	-------	-------	2,980	2,175	5	-------	-------	5	1,176
41	Looking-glass and picture frames	5	66,103	1,200	7,700	10,240	46,963	5	17	9,900	151	54,980
42	Lumber and timber products	950	10,421,570	3,158,542	468,866	3,103,128	3,691,034	1,334	260	210,377	5,327	1,828,558
43	Lumber, planing mill products, including sash, doors, and blinds.	83	803,673	59,798	88,725	178,899	476,251	126	30	19,760	555	238,595
44	Marble and stone work	9	93,947	14,600	11,710	35,050	32,587	12	14	6,810	247	86,548
45	Masonry, brick and stone	39	90,755	12,950	1,250	19,046	57,509	51	10	5,200	336	143,649
46	Millinery, custom work	127	208,048	31,203	42,624	6,366	127,855	136	17	5,355	205	48,625
47	Mineral and soda waters	19	74,222	3,175	3,800	27,630	39,617	23	4	2,135	37	12,755
48	Monuments and tombstones	25	88,262	15,010	6,775	4,131	62,346	32	28	4,990	68	31,814
49	Painting, house, sign, etc	43	68,340	5,550	4,555	7,370	50,865	49	3	456	130	62,751
50	Paper and wood pulp	6	926,463	260,350	196,738	302,245	167,130	2	22	25,540	281	98,329
51	Paper hanging	3	1,110	-------	-------	260	850	4	-------	-------	2	1,450
52	Patent medicines and compounds	5	17,525	700	700	375	15,750	4	3	1,320	4	1,304
53	Photography	52	60,975	6,060	7,295	27,620	20,000	59	1	208	47	14,931
54	Pickles, preserves, and sauces	5	274,783	12,262	40,194	62,013	160,314	3	40	41,032	437	70,542
55	Plastering and stuccowork	12	9,591	1,450	3,225	546	4,370	15	-------	-------	42	16,124
56	Plumbing, and gas and steam fitting	46	279,040	33,400	20,000	26,736	198,904	51	29	14,391	255	114,571
57	Pottery, terra cotta, and fire-clay products.	14	1,610,266	230,517	584,345	289,964	505,440	13	57	51,592	1,269	500,444
58	Printing and publishing, book and job	31	98,289	1,750	5,550	70,014	20,975	35	15	9,996	103	38,648
59	Printing and publishing, newspapers and periodicals.	147	1,050,150	60,325	77,725	506,580	405,520	151	92	73,207	707	295,413
60	Pumps, not including steam pumps	3	48,150	-------	1,000	3,150	44,000	4	-------	-------	13	7,350
61	Roofing and roofing materials	21	37,470	7,100	5,800	5,460	19,110	25	3	2,780	52	22,816
62	Saddlery and harness	126	319,886	20,978	46,215	44,135	208,558	141	8	9,320	227	64,985
63	Salt	4	331,200	160,500	69,500	52,500	48,700	-------	13	13,540	190	54,805
64	Ship and boat building, wooden	4	46,455	2,000	4,000	19,200	21,255	4	4	1,575	53	20,204
65	Slaughtering and meat packing, wholesale.	3	313,000	22,000	55,000	33,000	203,000	3	16	11,800	84	42,646
66	Tinsmithing, coppersmithing, and sheet-iron working.	57	142,312	12,105	23,450	26,440	80,317	76	3	1,264	121	56,529
67	Tobacco, chewing, smoking, and snuff	4	2,253,775	52,500	102,550	49,937	2,048,788	3	50	49,118	318	79,765
68	Tobacco, cigars and cigarettes	72	351,017	39,360	44,870	16,987	249,800	81	23	15,602	910	332,223
69	Tools, not elsewhere specified	5	194,106	8,500	9,800	37,746	138,060	6	8	8,660	95	56,547
70	Vinegar and cider	4	10,025	135	1,140	2,650	6,100	5	-------	-------	4	1,712
71	Watch, clock, and jewelry repairing	89	96,758	7,673	13,974	25,315	49,796	98	4	1,142	40	18,046
72	Wood, turned and carved	8	151,389	15,200	37,332	40,678	58,179	6	12	10,620	157	40,162
73	Woolen goods	33	683,683	28,037	92,408	222,080	341,158	12	16	17,440	384	99,027
74	All other industries[1]	56	3,858,356	279,130	573,951	1,172,246	1,833,029	44	127	138,567	2,316	865,229

[1] Embraces agricultural implements, 1; baking and yeast powders, 1; baskets, and rattan and willow ware, 2; boxes, cigar, 1; brass, 1; bridges, 1; brooms and brushes, 2; cars and general shop construction and repairs by street railroad companies, 1; cars, steam railroad, not including operations of railroad companies, 1; cheese and butter, urban dairy products, 1; chemicals, 1; cotton goods, 1; dyeing and finishing textiles, 1; explosives, 1; fertilizers, 2; fur hats, 1; gas machines and meters, 1; glass, cutting, staining, and ornamenting, 2; gloves and mittens, 1; glue, 1; grease and tallow, 1; grindstones, 1; hand stamps, 2; hardware, 1;

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
748	$266,754			6	$1,174	$142,521	$3,389	$2,822	$21,219	$115,091	$671,052	$668,913	$2,139	$1,327,445	12
70	27,728			2	166	3,461	25	675	2,061	700	42,911	41,297	1,614	111,049	13
258	113,645	1	$300	1	150	11,604	4,824	1,504	5,276		182,719	178,107	4,612	427,288	14
2,604	1,256,280	1	360			32,355	60	11,831	20,464		1,586,916	1,567,300	19,616	2,943,557	15
1	320	1	160			80	40	15	25		10,228	10,115	113	12,284	16
256	160,224	214	64,647	1	156	42,617	21,847	2,466	9,357	8,947	329,598	326,902	2,696	808,401	17
13	5,172	75	23,520			36,945	500	235	1,210	35,000	355,565	355,130	435	501,050	18
		87	16,395			3,780	3,406	47	327		12,653	12,221	432	55,256	19
2	1,100	50	9,000			22,640	300	50	2,290	20,000	160,192	160,080	112	255,000	20
9	4,799	2	286			3,087	550	787	1,750		201,734	200,909	825	224,376	21
3,124	888,619			7	1,405	226,603	107,390	18,897	100,316		1,966,682	1,958,266	8,416	3,529,241	22
48	19,465	14	2,326	6	532	7,462	3,757	332	3,373		85,258	82,766	2,492	147,440	23
148	67,160			3	691	3,961	415	671	2,875		146,634	145,231	1,403	361,485	24
19	8,907	8	2,348			3,150	2,433	40	677		2,101	1,757	344	25,006	25
74	26,325					15,320	400	745	14,017	158	144,068	134,490	9,578	245,754	26
308	153,603			6	1,020	55,972	3,658	18,197	34,117		4,555,003	4,506,029	48,974	5,541,353	27
588	316,953			3	340	45,760	3,292	5,554	35,894	1,020	666,244	646,678	19,566	1,401,852	28
55	7,858	59	4,220	14	1,030	2,983	50	157	2,776		39,328	37,911	1,417	66,886	29
30	9,308					2,978	1,383	386	1,159	50	19,998	19,380	618	60,400	30
382	134,693			1	275	35,959	6,150	1,916	27,893		175,200	170,040	5,160	454,097	31
80	39,960					19,238		2,347	16,891		32,978	32,592	386	150,686	32
1,319	657,984	468	103,748	162	27,690	112,791	400	4,804	105,637	1,950	593,251	504,346	88,905	1,871,795	33
80	39,537					11,188		3,042	8,146		22,327	9,923	12,404	119,401	34
4,322	2,258,869	5	1,800	140	32,855	225,165		32,591	192,574		10,422,322	9,507,369	914,953	16,514,212	35
663	224,399			1	45	144,458	415	15,259	128,784		2,541,197	2,535,756	5,441	3,210,753	36
128	47,200					1,400	155	477	768		34,845	10,005	24,840	109,393	37
44	16,778					10,024		1,418	8,606		67,963	65,374	2,589	113,906	38
256	117,320					492,611	300	20,707	471,129	475	197,724	178,925	18,799	1,113,021	39
5	1,176					953	866	30	57		1,226	1,133	93	8,129	40
126	50,280	20	3,920	5	780	1,730	192	413	1,125		59,052	58,536	516	139,425	41
5,266	1,817,684	5	869	56	10,005	314,111	8,448	56,135	249,328	200	5,584,717	5,584,320	397	10,612,837	42
550	237,371			5	1,224	41,171	8,337	4,778	15,585	12,471	1,199,914	1,193,324	6,590	1,820,463	43
240	86,105			7	443	1,866	30	606	1,230		41,765	40,836	929	205,922	44
335	143,529			1	120	11,408	675	173	4,010	6,550	209,120	208,768	352	432,083	45
4	1,950	200	46,547	1	128	25,081	17,667	1,872	5,539	3	246,867	245,738	1,129	450,379	46
34	12,072	2	508	1	175	6,009	1,514	418	4,077		17,817	17,602	215	83,299	47
68	31,814					7,408	1,302	449	4,577	1,080	89,181	88,942	239	180,100	48
129	62,604			1	147	5,375	3,371	228	1,754	22	66,066	65,966	100	188,381	49
263	94,593	18	3,736			44,193		3,612	40,581		274,316	245,281	29,035	527,527	50
2	1,450					319	194	5	120		2,439	2,439		6,155	51
3	960	1	344			1,366	445	21	900		11,128	11,110	18	76,900	52
29	11,030	18	3,901			9,874	7,322	577	1,910	65	33,203	32,716	487	108,031	53
77	36,787	344	32,237	16	1,518	52,649	3,013	2,369	47,267		379,963	377,241	2,722	707,438	54
42	16,124					695	60	88	502	45	17,383	17,348	35	44,263	55
254	114,331	1	240			27,603	7,667	2,003	5,222	12,711	271,293	269,356	1,937	527,963	56
975	429,434	263	64,949	31	6,061	114,834	3,254	7,014	104,566		219,134	118,440	100,694	1,104,883	57
72	32,880	25	5,233	6	535	7,635	3,889	569	2,947	230	38,355	36,746	1,609	127,932	58
501	250,106	140	37,812	66	7,495	75,561	16,674	4,065	53,389	1,433	187,513	180,166	7,347	907,156	59
13	7,350					758	375	83	300		58,040	57,775	265	105,900	60
50	22,562			2	254	2,261	960	264	1,037		60,274	59,744	530	103,407	61
162	57,576	30	4,234	35	3,175	17,063	7,414	1,827	7,772	50	275,536	273,255	2,281	535,288	62
186	54,305			4	500	9,838		2,404	7,434		57,398	31,898	25,500	150,292	63
53	20,204					1,780	593	288	899		19,354	19,184	170	51,170	64
76	40,642	6	1,620	2	384	4,623		1,575	3,048		1,133,954	1,129,754	4,200	1,337,578	65
121	56,529					11,131	5,939	1,694	3,374	124	117,922	116,150	1,772	249,884	66
66	27,901	252	51,864			659,763	310	3,214	656,239		477,253	473,313	3,940	1,362,978	67
644	288,709	197	35,774	69	7,740	334,628	11,550	2,783	320,295		250,490	249,620	870	1,060,126	68
95	56,547					5,384	370	827	4,187		103,825	97,222	6,603	267,616	69
4	1,712					7		7			5,022	4,677	345	10,298	70
36	17,496	2	325	2	225	12,221	7,910	717	3,544	50	27,732	26,524	1,208	111,753	71
155	39,862			2	300	5,647	330	738	4,579		99,754	99,634	120	213,537	72
226	70,315	138	26,722	20	1,990	31,649	2,488	2,932	26,229		319,313	312,829	6,484	507,300	73
1,571	738,326	637	114,178	108	12,725	264,281	8,802	15,086	175,905	64,488	5,003,389	4,922,079	81,310	6,839,886	74

hosiery and knit goods, 2; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; ironwork, architectural and ornamental, 1; lamps and reflectors, 1; liquors, vinous, 1; mattresses and spring beds, 2; models and patterns, 1; oil, not elsewhere specified, 1; petroleum, refining, 1; regalia and society banners and emblems, 1; sewing machine repairing, 2; shirts, 1; stamped ware, 1; tin and terne plate, 2; toys and games, 1; upholstering materials, 2; whips, 1; wire, 2; wirework, including wire rope and cable, 2; worsted goods, 1.

TABLE 8.—MANUFACTURES IN WHEELING

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES AND TOWNS.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	All industries	406	$13,224,577	$1,086,022	$2,113,951	$2,545,192	$7,479,412	426	465	$439,582	7,219	$3,096,730
2	Blacksmithing and wheelwrighting	17	9,793	1,322	2,260	2,351	3,860	19			15	7,635
3	Boots and shoes, custom work and repairing.	24	3,562	575	775	1,260	952	24			5	2,194
4	Bread and other bakery products	23	125,073	24,260	33,500	45,414	21,899	23	18	10,452	52	21,454
5	Carpentering	15	225,176	27,575	31,893	25,969	139,739	18	12	8,858	276	93,161
6	Carriages and wagons	8	44,000	7,500	4,100	3,100	29,300	10	4	3,156	49	23,561
7	Clothing, men's, custom work and repairing.	28	238,753	13,410	21,240	5,796	198,307	36	15	10,966	180	82,024
8	Clothing, women's, dressmaking	21	6,335			1,090	5,245	22			47	8,338
9	Coffee and spice, roasting and grinding	3	62,670	14,000	12,650	11,620	24,400	7	1	468	10	4,785
10	Confectionery	8	56,158			13,058	43,100	4	6	2,562	44	16,719
11	Dyeing and cleaning	3	2,800			1,600	1,200	4			14	6,088
12	Foundry and machine shop products	10	181,757	14,414	21,388	70,928	75,027	10	14	12,693	120	66,609
13	Furniture, cabinetmaking, repairing, and upholstering.	4	14,960	3,900	3,100	1,385	6,575	5			11	4,907
14	Iron and steel	7	3,787,275	418,443	812,500	968,027	1,588,305		55	62,674	1,755	1,049,785
15	Liquors, malt	5	1,508,861	100,611	400,808	292,195	715,247	2	46	58,710	205	99,223
16	Looking-glass and picture frames	3	1,703			140	1,563	4			4	1,980
17	Masonry, brick and stone	14	35,310	5,350	800	10,386	18,774	22	1	780	121	53,607
18	Millinery, custom work	15	57,015	15,000	8,250	1,800	31,965	15	10	3,340	71	15,520
19	Mineral and soda waters	6	12,071	850	750	4,750	5,721	9	2	1,015	7	1,738
20	Monuments and tombstones	3	8,629		1,400	1,329	5,900	3	1	420	9	4,214
21	Painting, house, sign, etc	18	52,240	4,150	1,930	4,855	41,305	21	1	150	69	40,502
22	Patent medicines and compounds	3	13,800	700	700	200	12,200	3			3	844
23	Photography	9	11,300			6,550	4,750	11	1	208	13	4,616
24	Pickles, preserves, and sauces	5	274,783	12,262	40,194	62,013	160,314	3	40	41,032	437	70,542
25	Plumbing, and gas and steam fitting	13	190,262	31,000	16,850	14,556	127,856	15	7	2,842	112	55,509
26	Printing and publishing, book and job	6	21,721	1,000	2,000	15,250	3,471	11	1	960	22	7,280
27	Printing and publishing, newspapers and periodicals.	5	289,498	30,000	10,000	139,049	110,449	2	52	43,240	183	107,711
28	Roofing and roofing materials	6	9,020	650	800	1,575	5,995	6			21	9,382
29	Saddlery and harness	7	26,735	700	1,200	4,030	20,805	8	2	2,600	35	12,140
30	Tinsmithing, coppersmithing, and sheet-iron working.	10	45,265	5,500	9,800	5,625	24,340	14	2	564	37	22,220
31	Tobacco, chewing, smoking, and snuff	4	2,253,775	52,500	102,550	49,937	2,048,788	3	50	49,118	818	79,765
32	Tobacco, cigars and cigarettes	35	246,592	30,900	29,920	7,565	178,207	40	17	11,722	665	261,942
33	Watch, clock, and jewelry repairing	13	10,110			5,025	5,085	12	2	900	16	6,715
34	All other industries[1]	55	3,397,575	269,450	542,593	766,764	1,818,768	40	125	110,152	2,293	854,020

[1] Embraces awnings, tents, and sails, 1; baking and yeast powders, 1; baskets, and rattan and willow ware, 2; bicycle and tricycle repairing, 2; bottling, 1; boxes, fancy and paper, 2; boxes, wooden packing, 2; brass, 1; brass castings and brass finishing, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by street railroad companies, 1; chemicals, 1; cooperage, 2; dyeing and finishing textiles, 1; fertilizers, 2; fur hats, 1; gas, illuminating and heating, 1; glass, 2; glass, cutting, staining, and ornamenting, 1; grease and tallow, 1; hand stamps, 1; hardware, 1; ice, manufactured, 2; iron and steel, nails and

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and towns	506	$12,701,214	$1,175,097	$2,257,967	$3,902,491	$5,365,659	513	447	$390,626	8,820	$3,675,398
2	Benwood	16	4,727,266	477,240	1,102,825	1,679,844	1,467,357	11	77	72,379	2,995	1,388,601
3	Charleston	119	1,371,807	136,275	152,990	429,243	653,299	110	95	81,995	1,176	454,578
4	Huntington	89	2,286,230	146,125	369,105	495,343	1,275,657	92	87	71,905	1,861	871,708
5	Martinsburg	101	1,633,024	211,357	356,612	483,231	581,824	103	56	46,384	1,105	282,921
6	Parkersburg	181	2,682,887	204,100	276,435	814,830	1,387,522	197	132	117,963	1,683	677,590

BY SPECIFIED INDUSTRIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
5,302	$2,750,586	1,775	$323,019	142	$23,125	$1,954,205	$73,767	$66,168	$1,728,315	$85,955	$9,076,978	$8,569,619	$507,359	$16,747,544	1
15	7,635					1,994	1,606	76	312		8,972	8,424	548	41,531	2
5	2,194					1,700	1,577	47	76		6,046	6,001	45	21,047	3
48	20,690	2	436	2	323	43,060	1,298	916	40,846		130,324	126,631	3,693	222,063	4
272	92,187			4	974	81,034	1,663	1,445	13,655	64,271	144,797	143,940	857	399,655	5
48	23,261	1	300			2,958	1,775	297	886		32,426	31,371	1,055	78,476	6
71	52,468	108	29,400	1	156	21,075	7,819	1,140	3,569	8,547	116,598	115,418	1,180	289,236	7
		47	8,338			1,794	1,729	26	39		7,540	7,335	205	28,336	8
8	4,499	2	286			2,897	400	772	1,725		195,534	194,859	675	216,976	9
32	14,779	11	1,784	1	156	5,084	2,410	193	2,481		57,881	56,446	1,435	99,963	10
10	5,104	4	984			2,082	1,920		162		775	576	199	14,006	11
120	66,609					8,223	1,493	894	5,836		56,866	54,739	2,127	213,495	12
11	4,907					1,063	220	158	685		4,917	4,684	233	16,417	13
1,724	1,040,110	5	1,800	26	7,875	108,280		16,659	91,621		4,060,630	3,660,792	399,838	5,833,950	14
205	99,223					420,585	300	17,777	402,508		156,790	142,978	13,812	953,092	15
3	1,700	1	280			310	192	18	100		2,227	2,211	16	6,775	16
121	53,607					2,265	185	63	2,017		67,458	67,411	47	151,778	17
2	1,200	69	14,320			7,750	5,831	538	1,381		69,032	68,743	289	125,400	18
6	1,530	1	208			2,890	686	97	2,107		5,459	5,435	24	29,174	19
9	4,214					2,020	421	60	799	740	3,505	3,435	70	13,825	20
69	40,502					2,565	1,404	115	1,024	22	37,276	37,237	39	117,733	21
2	500	1	344			616	195	14	407		9,485	9,485		16,500	22
9	3,720	4	896			3,988	3,329	107	487	65	7,924	7,788	136	29,385	23
77	36,787	344	32,237	16	1,518	52,649	3,013	2,369	47,267		379,963	377,241	2,722	707,438	24
112	55,509					18,478	3,510	720	2,218	12,000	129,253	128,127	1,126	261,103	25
10	5,179	11	1,983	1	118	1,669	1,060	117	312	180	10,958	10,484	474	24,767	26
161	101,643	21	5,963	1	105	24,215	3,581	1,139	19,495		64,270	63,282	988	276,285	27
20	9,252			1	130	1,039	350	47	642		18,811	18,664	147	35,170	28
34	11,990			1	150	1,819	1,504	70	245		28,565	28,530	35	61,840	29
37	22,220					3,056	1,477	399	1,180		20,525	20,117	408	62,962	30
66	27,901	252	51,864			659,763	310	3,214	656,239		477,253	473,313	3,940	1,362,978	31
543	243,224	85	14,799	37	3,919	269,715	8,844	2,061	258,810		185,438	185,026	412	828,992	32
14	6,440	1	150	1	125	1,744	1,666	36	42		5,629	5,437	192	21,666	33
1,438	689,802	805	156,647	50	7,571	195,825	11,999	14,584	169,112	130	2,573,851	2,503,459	70,392	4,185,530	34

spikes, cut and wrought, including wire nails, 1; ironwork, architectural and ornamental, 1; lamps and reflectors, 1; leather, tanned, curried, and finished, 1; lime and cement, 1; liquors, vinous, 1; lock and gun smithing, 2; lumber, planing mill products, including sash, doors, and blinds, 2; mattresses and spring beds, 1; models and patterns, 1; paper hanging, 1; plastering and stuccowork, 1; pottery, terra cotta, and fire-clay products, 2; slaughtering and meat packing, wholesale, 1; stamped ware, 1; tin and terne plate, 2; tools, not elsewhere specified, 2; toys and games, 1; wirework, including wire rope and cable, 1.

TOWNS UNDER 20,000 IN POPULATION: 1900.

7,884	$3,496,112	707	$141,683	229	$37,603	$688,063	$64,247	$61,086	$477,548	$85,182	$13,388,357	$12,733,759	$654,598	$22,405,727	1
2,874	1,362,431	2	416	119	25,754	141,352	170	16,454	109,913	14,815	6,572,629	6,055,049	517,580	11,142,268	2
1,059	428,521	103	24,149	14	1,908	95,991	23,988	9,776	61,321	906	1,033,443	1,013,913	19,530	2,052,762	3
1,779	852,179	74	18,865	8	664	117,075	9,791	12,439	93,995	850	2,598,937	2,553,910	45,027	3,873,432	4
606	195,868	442	81,610	57	5,443	113,757	7,277	5,920	59,754	40,806	832,551	813,049	19,502	1,410,514	5
1,566	657,113	86	16,643	31	3,834	219,888	23,021	16,497	152,565	27,805	2,350,797	2,297,838	52,959	3,926,751	6

WISCONSIN.

Table 1 shows the manufacturing and mechanical industries of Wisconsin as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	16,187	10,417	7,674	7,013	3,064	1,262	55.4	35.7	9.4	128.9	142.8
Capital	$330,568,779	$246,515,404	$73,821,802	$41,981,872	$15,831,581	$3,382,148	34.1	233.9	75.8	165.2	368.1
Salaried officials, clerks, etc., number	10,760	[1] 12,025	(2)	(2)	(2)	(2)	[3] 10.5	------	------	------	------
Salaries	$10,608,383	[1] $8,885,441	(2)	(2)	(2)	(2)	19.4	------	------	------	------
Wage-earners, average number	142,076	120,006	57,109	43,910	15,414	6,089	18.4	110.1	30.1	184.9	153.1
Total wages	$58,407,597	$42,958,267	$18,814,917	$13,575,642	$4,268,708	$1,712,496	36.0	128.3	38.6	218.0	149.3
Men, 16 years and over	120,131	105,320	48,255	40,296	14,641	5,798	14.1	118.3	19.8	175.2	152.5
Wages	$53,961,539	$40,284,576	(2)	(2)	(2)	(2)	34.0	------	------	------	------
Women, 16 years and over	16,266	12,751	6,241	2,114	773	291	27.6	104.3	195.2	173.5	165.6
Wages	$3,553,063	$2,436,013	(2)	(2)	(2)	(2)	45.9	------	------	------	------
Children, under 16 years	5,679	1,935	2,613	1,500	(2)	(2)	193.5	[3] 25.9	74.2	------	------
Wages	$892,995	$237,678	(2)	(2)	(2)	(2)	275.7	------	------	------	------
Miscellaneous expenses	$30,935,354	$18,602,764	(4)	(4)	(4)	(4)	66.3	------	------	------	------
Cost of materials used	$208,838,167	$145,437,016	$85,796,178	$45,851,266	$17,137,334	$5,414,931	43.6	69.5	87.1	167.6	216.5
Value of products, including custom work and repairing	$360,818,942	$248,546,164	$128,255,480	$77,214,326	$27,849,467	$9,293,068	45.2	93.8	66.1	177.3	199.7
Total population	[5] 2,062,916	1,686,880	1,315,497	1,054,670	775,881	305,391	22.3	28.2	24.7	35.9	154.1
Wage-earners engaged in manufactures	142,076	120,006	57,109	43,910	15,414	6,089	18.4	110.1	30.1	184.9	153.1
Per cent of total population	6.9	7.1	4.3	4.2	2.0	2.0	------	------	------	------	------
Assessed value of real estate	[6] $503,690,767	$464,590,340	$344,788,721	$252,322,107	$148,238,766	$22,458,442	8.4	34.7	36.6	70.2	560.1
Value of land and buildings invested in manufactures [7]	$104,389,769	$82,227,391	(2)	(2)	(2)	(2)	27.0	------	------	------	------
Per cent of assessed value	20.7	17.7	------	------	------	------	------	------	------	------	------

[1] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[2] Not reported separately.
[3] Decrease.
[4] Not reported.
[5] Exclusive of 6,126 Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[6] As given for the year 1900 in Dana's supplement, "State and City," to the Commercial and Financial Chronicle, under date of April 13, 1901.
[7] Does not include value of rented property.

Table 1 shows that there has been a notable growth in the manufacturing and mechanical industries of Wisconsin during the half century. The population during these years increased from 305,391 to 2,062,916, while the average number of wage-earners employed in manufacturing establishments increased from 6,089 to 142,076, embracing, in 1900, 6.9 per cent of the entire population, compared with 2 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 194,991, or 9.5 per cent of the total population of the state. Measured by the value of products, the greatest percentage of increase, 199.7, was during the decade ending with the year 1860, although the greatest absolute increase was between the years 1880 and 1890.

The remarkable growth of manufactures in Wisconsin is to be attributed to an abundant supply of materials and excellent market facilities. Manufacturing is not concentrated in a few localities, but is distributed throughout the state. Six large rivers—the Menominee, St. Croix, Chippewa, Wisconsin, Fox, and Wolf—with many smaller streams, and nearly two thousand fresh-water lakes in the northern part of the state, afford enormous waterpower, as yet only partially developed. On the western boundary of the state are 250 miles of navigable rivers, while the Great Lakes extend for more than 400 miles along the northern and eastern borders. On the shores of Lake Michigan and Green Bay are 11 important manufacturing cities, all accessible to lake-going vessels; and the cities of Ashland and Superior, on Lake Superior, are large and growing manufacturing centers. In 1900 Wisconsin had 6,531 miles of railroads, which have contributed to the development of agriculture and manufactures.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for a governmental establishment, educational, eleemosynary, and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	18,259	$331,691,656	19,468	143,027	$58,449,055	$30,982,395	$209,117,735	$84,508,738	$115,390,995	$9,218,002	$361,696,978
Hand trades[1]	6,054	10,031,550	6,984	14,064	6,047,117	1,388,658	12,212,150	382,551	11,531,179	298,420	26,424,816
Governmental establishment	1	4,100		3	1,920		20		20		2,428
Educational, eleemosynary, and penal institutions	10	187,645		242	10,230	2,000	96,914	7,970	85,732	3,212	117,692
Establishments with a product of less than $500	2,061	931,132	2,221	706	29,308	45,041	182,634	27,001	154,767	866	757,916
All other establishments	10,133	320,537,229	10,263	128,012	52,360,480	29,546,696	196,626,017	84,091,216	103,619,297	8,915,504	334,394,126

[1] Includes bicycle and tricycle repairing, 179; blacksmithing and wheelwrighting, 1,581; boots and shoes, custom work and repairing, 612; carpentering, 665; clothing, men's, custom work and repairing, 661; clothing, women's, dressmaking, 224; dyeing and cleaning, 29; furniture, cabinetmaking, repairing, and upholstering, 142; lock and gun smithing, 44; masonry, brick and stone, 223; millinery, custom work, 611; painting, house, sign, etc., 379; paper hanging, 23; plastering and stuccowork, 54; plumbing, and gas and steam fitting, 248; sewing machine repairing, 9; taxidermy, 4; watch, clock, and jewelry repairing, 366.

Of the 18,259 establishments of all classes shown in this table, 8,115, or 44.4 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $27,182,732, or only 7.5 per cent of the total value of the products of the state.

In addition to the 18,259 active establishments in the state during the census year, with a capital of $331,691,656, shown in Table 2, there were 98 idle establishments, with a capital of $2,836,898, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Baskets, and rattan and willow ware	1	$67,000	Lime and cement	3	$9,900
Bicycle and tricycle repairing	2	11,540	Lumber and timber products	18	312,335
Brick and tile	11	51,420	Lumber, planing mill products, including sash, doors, and blinds	8	10,100
Cheese, butter, and condensed milk, factory product	15	44,926	Malt	1	24,000
Flouring and grist mill products	11	296,075	Marble and stone work	1	27,351
Foundry and machine shop products	2	14,000	Oil, linseed	1	15,000
Fruits and vegetables, canning and preserving	1	9,000	Paper and wood pulp	1	400,000
Furniture, factory product	1	47,000	Woolen goods	2	34,000
Hosiery and knit goods	2	30,519	All other industries	19	27,402
Iron and steel	1	1,320,325			
Leather, tanned, curried, and finished	2	85,005			

TABLE 3.—COMPARATIVE SUMMARY OF TWENTY LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	6,397	$258,990,016	91,674	$39,569,374	$22,784,877	$161,656,123	$263,982,867
	1890	4,512	208,194,682	86,638	29,565,678	15,356,974	116,306,736	188,917,674
Increase, 1890 to 1900		1,885	50,795,334	5,036	10,003,696	7,427,903	45,349,387	75,065,193
Per cent of increase		41.8	24.4	5.8	33.8	48.4	39.0	39.7
Per cent of total of all industries in state	1900	39.5	78.3	64.5	67.7	73.7	77.4	73.2
	1890	43.3	84.5	72.2	68.8	82.6	80.0	76.0
Agricultural implements	1900	51	15,291,554	3,289	1,625,765	699,865	3,290,690	7,886,363
	1890	51	10,611,185	2,765	1,197,693	617,242	1,928,182	5,015,512
Boots and shoes, factory product	1900	40	2,473,626	2,507	821,403	279,913	3,170,921	4,791,684
	1890	32	2,621,606	2,036	774,163	146,345	1,466,557	2,972,233
Carriages and wagons	1900	436	8,461,561	3,402	1,620,693	370,099	3,346,621	6,956,341
	1890	500	7,046,491	3,251	1,469,051	354,575	3,075,538	5,947,499
Cars and general shop construction and repairs by steam railroad companies.	1900	46	4,206,285	4,502	2,398,144	138,270	3,525,144	6,306,823
	1890	22	1,681,255	2,148	1,217,632		898,673	2,221,152
Cheese, butter, and condensed milk, factory product	1900	2,018	4,917,940	1,780	893,499	157,123	16,623,859	20,120,147
	1890	966	1,833,988	1,373	405,227	75,721	5,876,630	6,960,711
Clothing, men's, factory product	1900	89	2,767,521	2,327	606,850	511,763	2,369,930	4,393,092
	1890	27	3,200,775	2,662	582,992	258,831	2,317,771	3,909,726
Flouring and grist mill products	1900	717	9,611,764	1,412	717,183	697,714	22,753,056	26,327,942
	1890	497	9,804,761	1,770	799,058	646,648	20,420,677	24,252,297
Foundry and machine shop products	1900	272	22,387,310	12,670	6,376,040	1,671,907	10,167,488	22,252,730
	1890	155	8,965,377	4,987	2,484,924	818,637	3,699,370	8,467,290
Furniture, factory product	1900	78	10,209,901	7,775	2,553,595	717,374	3,899,134	8,721,823
	1890	46	3,270,421	2,909	1,101,542	316,436	1,488,794	3,616,517
Iron and steel	1900	12	5,564,379	1,921	1,216,850	361,571	5,410,066	8,905,226
	1890	9	6,164,973	1,890	981,787	302,405	4,613,753	6,501,761

Table 3.—COMPARATIVE SUMMARY OF TWENTY LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Leather, tanned, curried, and finished	1900	42	$18,283,591	5,262	$2,241,861	$735,767	$16,040,304	$20,074,373
	1890	38	6,345,812	2,487	1,271,887	381,436	8,732,182	11,161,850
Liquors, malt	1900	147	35,317,950	3,904	1,926,730	10,259,291	4,237,454	19,394,709
	1890	107	16,803,323	2,859	1,457,308	3,806,846	4,829,390	14,193,057
Lumber and timber products	1900	1,066	77,366,223	21,701	9,480,011	2,420,060	35,199,409	57,634,816
	1890	1,119	105,191,521	41,305	10,712,947	5,046,438	36,649,358	60,966,444
Lumber, planing mill products, including sash, doors, and blinds	1900	123	6,591,114	4,377	1,653,319	399,644	5,036,773	8,400,695
	1890	88	5,339,694	3,480	1,411,763	314,775	3,736,105	6,295,810
Malt	1900	17	3,648,145	366	209,812	207,596	3,174,525	4,089,715
	1890	15	2,447,823	339	187,530	122,988	1,848,126	2,472,018
Paper and wood pulp	1900	47	16,580,140	4,240	1,649,010	664,591	6,712,749	10,895,576
	1890	27	5,360,624	1,779	691,492	362,634	2,588,863	4,475,368
Printing and publishing, newspapers and periodicals	1900	495	4,390,988	2,679	1,174,242	462,784	902,588	4,103,415
	1890	379	2,645,930	2,218	916,085	574,866	734,777	3,256,897
Slaughtering and meat packing, wholesale	1900	11	3,784,216	1,361	560,808	405,589	11,850,136	13,601,125
	1890	15	2,269,880	737	338,273	98,388	7,686,675	8,393,754
Textiles:								
Total	1900	62	4,820,162	3,930	940,320	341,458	2,248,124	4,238,242
	1890	60	4,603,613	3,747	807,483	279,328	2,399,217	4,100,201
Cotton goods	1900	3	467,808	347	80,567	13,992	172,267	316,061
	1890	4	892,509	490	131,170	52,477	382,833	620,196
Hosiery and knit goods	1900	27	2,558,299	2,722	600,495	223,216	1,176,146	2,486,813
	1890	23	1,214,727	2,239	379,144	102,727	899,371	1,635,641
Woolen goods	1900	32	1,794,055	861	259,258	104,250	899,711	1,435,368
	1890	33	2,496,377	1,018	297,169	124,124	1,117,013	1,844,364
Tobacco:								
Total	1900	628	2,315,646	2,269	903,239	1,282,498	1,697,152	4,888,030
	1890	359	1,985,630	1,896	756,841	832,435	1,316,098	3,737,577
Chewing, smoking, and snuff	1900	6	717,732	300	103,958	845,656	472,735	1,632,354
	1890	4	683,774	245	95,124	523,567	353,896	1,212,668
Cigars and cigarettes	1900	622	1,597,914	1,969	799,281	436,842	1,224,417	3,255,676
	1890	355	1,301,856	1,651	661,717	308,868	962,202	2,524,909

The 20 leading industries of the state in 1900, as shown in Table 3, embraced 6,397 establishments, or 39.5 per cent of the total number in the state; used a capital of $258,990,016, or 78.3 per cent of the total; gave employment to 91,674 wage-earners, or 64.5 per cent of the total number; and paid $39,569,374, or 67.7 per cent of the total wages. The value of their products was $263,982,867, or 73.2 per cent of the total. In the discussion of Table 3, which follows, the industries are ranked with reference to the value of their products.

Table 3 shows that the manufacture of lumber and timber products is the most important industry in the state. The 1,066 establishments reported in 1900 gave employment to 21,701 wage-earners, or 15.3 per cent of the wage-earners in the state, and their products were valued at $57,634,816, or 16 per cent of the total value of the products of the state. In 1890 there were 1,119 establishments, 41,305 wage-earners, and products valued at $60,966,444. The decrease in the value of products during the decade was $3,331,628, or 5.5 per cent. Notwithstanding this decrease, Wisconsin in 1900 was the first among the states in the value of its lumber and timber products; Michigan, which was first in 1890, also suffered a decline. Most of the timber has been removed from the southern part of the state, yet in the north there is still an abundance of pine, hemlock, spruce, and deciduous timber. During the census year, including custom sawing, there were produced 3,389,166,000 feet of sawed lumber.

The manufacture of flouring and grist mill products ranked second among the industries of the state in 1900, with 717 establishments, 1,412 wage-earners, and products valued at $26,327,942. In 1890 there were 497 establishments, 1,770 wage-earners, and products valued at $24,252,297. The increase in the value of products during the decade was $2,075,645, or 8.6 per cent. Although the agricultural interests of the state are important and extensive, much of the material for this industry is brought from other states. The Wisconsin wheat crop of 1899 was 11,773,382 bushels,[1] while 22,356,963 bushels of wheat were consumed by the mills of the state.

There were 272 establishments engaged in 1900 in the manufacture of foundry and machine shop products, the industry third in rank, with 12,670 wage-earners, and products valued at $22,252,730. In 1890 there were 155 establishments, 4,987 wage-earners, and products valued at $8,467,290. The increase in the value of products during the decade was $13,785,440, or 162.8 per cent. This is a greater absolute increase than is shown for any other industry. The products of this industry include machinery for motive power (principally gas and steam engines and boilers), and for the equipment of lumber, flour, and paper mills, breweries, and mines. Milwaukee is the principal seat of this industry, with products valued at $14,495,362, or 65.1 per cent of the total for the state.

[1] Yearbook of the Department of Agriculture, 1899, page 766.

There were 2,018 establishments engaged in the factory manufacture of cheese, butter, and condensed milk in 1900, with 1,780 wage-earners, and products valued at $20,120,147. In 1890 there were 966 establishments, 1,373 wage-earners, and products valued at $6,960,711. The increase in the value of products during the decade was $13,159,436, or 189.1 per cent. The striking growth of this industry in the last decade has brought the state to the second place in value of products in 1900, instead of fourth as in 1890. The products in 1900 included 61,813,502 pounds of butter and 77,748,680 pounds of cheese.

There were 42 establishments engaged in the tanning, currying, and finishing of leather in 1900, with 5,262 wage-earners, and products valued at $20,074,373. In 1890 there were 38 establishments, 2,487 wage-earners, and products valued at $11,161,850. The increase in the value of products during the decade was $8,912,523, or 79.8 per cent. An abundant supply of tan-bark, the result of the extensive lumber operations in the state, has contributed much to the growth of the leather industry.

There were 147 establishments engaged in the manufacture of malt liquors in 1900, with 3,904 wage-earners, and products valued at $19,394,709. In 1890 there were 107 establishments, 2,859 wage-earners, and products valued at $14,193,057. The increase in the value of products during the decade was $5,201,652, or 36.6 per cent. This was the third industry in importance in 1890, measured by the value of products, and while other industries have had a more rapid growth, the figures given show that the increase in this state is more than commensurate with the increase throughout the country, Wisconsin ranking fourth in 1900, as compared with fifth in 1890. Milwaukee continues to be the principal seat of this industry, the value of products having increased from $10,810,695 in 1890 to $13,899,390 in 1900.

There were 11 establishments engaged in slaughtering and meat packing in 1900, with 1,361 wage-earners, and products valued at $13,601,125. In 1890 there were 15 establishments, 737 wage-earners, and products valued at $8,393,754. The increase in the value of products during the decade was $5,207,371, or 62 per cent.

There were 47 establishments engaged in the manufacture of paper and wood pulp in 1900, with 4,240 wage-earners, and products valued at $10,895,576. In 1890 there were 27 establishments, 1,779 wage-earners, and products valued at $4,475,368. The increase in the value of products during the decade was $6,420,208, or 143.5 per cent. These mills are situated mainly on the large rivers which afford the abundant power so essential to the successful conduct of this industry. The large quantities of spruce, hemlock, and other woods used are furnished by the forests of the state, and the quality of the water is unexcelled for paper-making purposes.

There were 12 establishments engaged in the manufacture of iron and steel in 1900, with 1,921 wage-earners, and products valued at $8,905,226. In 1890 there were 9 establishments, 1,890 wage-earners, and products valued at $6,501,761. The increase in the value of products during the decade was $2,403,465, or 37 per cent. The iron ore mined in the northern part of the state is among the best in the world.

There were 78 establishments engaged in the factory manufacture of furniture in 1900, with 7,775 wage-earners, and products valued at $8,721,823. In 1890 there were 46 establishments, 2,909 wage-earners, and products valued at $3,616,517. The increase in the value of products during the decade was $5,105,306, or 141.2 per cent.

There were 123 establishments engaged in the manufacture of planing mill products in 1900, with 4,377 wage-earners, and products valued at $8,400,695. In 1890 there were 88 establishments, 3,480 wage-earners, and products valued at $6,295,810. The increase in the value of products during the decade was $2,104,885, or 33.4 per cent. The manufacture of furniture and of planing mill products are closely allied to lumbering, the principal industry of the state, and their development has been fostered by the abundant supply of available material. These three industries, directly dependent on the forests for their materials, had a combined product valued at $74,757,334, or 20.7 per cent of the total for all industries of the state.

There were 51 establishments engaged in the manufacture of agricultural implements in 1900, with 3,289 wage-earners, and products valued at $7,886,363. In 1890 there were 51 establishments, 2,765 wage-earners, and products valued at $5,015,512. The increase in the value of products during the decade was $2,870,851, or 57.2 per cent. The growth of this industry has been stimulated by proximity to the markets of Wisconsin and other grain-growing states, and by the ready supply of both wood and iron.

There were 436 establishments engaged in the manufacture of carriages and wagons in 1900, with 3,402 wage-earners, and products valued at $6,956,341. In 1890 there were 500 establishments, 3,251 wage-earners, and products valued at $5,947,499. The increase in the value of products during the decade was $1,008,842, or 17 per cent.

There were 46 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 4,502 wage-earners, and products valued at $6,306,823. In 1890 there were 22 establishments, 2,148 wage-earners, and products valued at $2,221,152. The increase in the value of products during the decade was $4,085,671, or 183.9 per cent.

There were 628 establishments engaged in the manufacture of tobacco in 1900, with 2,269 wage-earners, and products valued at $4,888,030. In 1890 there were 359 establishments, 1,896 wage-earners, and products valued at $3,737,577. The increase in the value of products during the decade was $1,150,453, or 30.8 per cent. The cultivation of tobacco was introduced in 1850,[1] and large quantities are now produced, especially of grades suitable for use in cigars. The value of cigars and cigarettes produced in 1900 was $3,255,676, and of chewing and smoking tobacco and snuff, $1,632,354.

[1] Yearbook of the Department of Agriculture, 1899, page 432.

There were 40 establishments engaged in the factory manufacture of boots and shoes in 1900, with 2,507 wage-earners, and products valued at $4,791,684. In 1890 there were 32 establishments, 2,036 wage-earners, and products valued at $2,972,233. The increase in the value of products during the decade was $1,819,451, or 61.2 per cent.

There were 89 establishments engaged in the factory manufacture of men's clothing in 1900, with 2,327 wage-earners, and products valued at $4,393,092. In 1890 there were 27 establishments, 2,662 wage-earners, and products valued at $3,909,726. The increase in the value of products during the decade was $483,366, or 12.4 per cent.

There were 62 establishments engaged in the manufacture of textiles in 1900, with 3,930 wage-earners, and products valued at $4,238,242. In 1890 there were 60 establishments, 3,747 wage-earners, and products valued at $4,100,201. The increase in the value of products during the decade was $138,041, or 3.4 per cent. The value of hosiery and knit goods increased from $1,635,641 in 1890 to $2,486,813 in 1900, or 52 per cent. This was the only one of the textile industries which showed an advance. The value of the woolen goods produced in the state declined from $1,844,364 in 1890 to $1,435,368 in 1900, or 22.2 per cent, and that of cotton goods from $620,196 to $316,061, or 49 per cent.

There were 495 establishments engaged in the printing and publishing of newspapers and periodicals in 1900, with 2,679 wage-earners, and products valued at $4,103,415. In 1890 there were 379 establishments, 2,218 wage-earners, and products valued at $3,256,897. The increase in the value of products during the decade was $846,518, or 26 per cent.

There were 17 establishments engaged in the manufacture of malt in 1900, with 366 wage-earners, and products valued at $4,089,715. In 1890 there were 15 establishments, 339 wage-earners, and products valued at $2,472,018. The increase in the value of products during the decade was $1,617,697, or 65.4 per cent. This industry is tributary to the manufacture of malt liquors, and does not include the grain malted by brewers for their own use or for sale.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of La Crosse, Milwaukee, Oshkosh, and Racine, as returned at the censuses of 1890 and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, LA CROSSE, MILWAUKEE, OSHKOSH, AND RACINE, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
The State	1900	16,187	$330,568,779	142,076	$58,407,597	$30,935,354	$208,838,167	$360,818,942
	1890	10,417	246,515,404	120,006	42,958,267	18,602,764	145,437,016	248,546,164
Per cent of increase		55.4	34.1	18.4	36.0	66.3	43.6	45.2
La Crosse	1900	255	7,230,360	3,009	1,105,985	864,006	4,965,850	8,281,749
	1890	200	10,039,872	3,844	1,387,362	703,625	5,971,572	9,157,501
Per cent of increase		27.5	[1]28.0	[1]21.7	[1]20.3	22.8	[1]16.8	[1]9.6
Milwaukee	1900	3,342	110,363,854	48,328	20,240,656	16,690,165	65,118,719	123,786,449
	1890	2,879	69,145,814	38,850	16,737,261	8,285,410	55,815,485	97,503,951
Per cent of increase		16.1	59.6	24.4	20.9	101.4	16.7	27.0
Oshkosh	1900	285	8,018,038	4,587	1,762,410	616,564	4,742,744	8,781,248
	1890	423	6,461,812	4,917	1,713,022	526,149	4,668,843	8,620,626
Per cent of increase		[1]32.6	24.1	[1]6.7	2.9	17.2	1.6	1.9
Racine	1900	252	16,753,215	6,785	2,994,100	1,004,165	6,253,372	12,502,796
	1890	190	11,533,207	4,460	2,009,869	662,448	4,340,308	8,462,359
Per cent of increase		32.6	45.3	52.1	49.0	51.6	44.1	47.7
Total for 4 cities	1900	4,134	142,365,467	62,709	26,103,151	19,174,900	81,080,685	153,352,242
	1890	3,692	97,180,705	52,071	21,847,514	10,177,632	70,796,208	123,744,437
Per cent of increase		12.0	46.5	20.4	19.5	88.4	14.5	23.9
Per cent of 4 cities to total for state	1900	25.5	43.1	44.1	44.7	62.0	38.8	42.5
	1890	35.4	39.4	43.4	50.9	54.7	48.7	49.8

[1] Decrease.

It appears from Table 4 that there has been a considerable increase during the past decade in the manufactures of these 4 cities. The number of establishments increased from 3,692 to 4,134, or 12 per cent; the average number of wage-earners from 52,071 to 62,709, or 20.4 per cent; and the value of products from $123,744,437 to $153,352,242, or 23.9 per cent. The city of Racine shows the most rapid growth, the value of products having increased from $8,462,359 to $12,502,796, or 47.7 per cent. The city of La Crosse shows a general decrease, due to the exhaustion of the forests tributary to its lumber mills, which in 1890 turned out products valued at $3,570,522, while in 1900 the value was only $1,544,410.

In Milwaukee, the leading city of the state, the number of establishments increased from 2,879 in 1890 to 3,342 in 1900, or 16.1 per cent; the average number of wage-earners from 38,850 to 48,328, or 24.4 per cent; and the value of products from $97,503,951 to $123,786,449, or 27 per cent. The number of establishments, number of wage-earners, and value of products in this city in 1900 constituted 20.6, 34, and 34.3 per cent, respectively, of the totals for the state.

Table 5 presents the totals for the manufacturing industries of the 53 cities and towns withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and towns, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Products. Value.	Products. Rank.	Products. Per cent of total.	Population. Total.	Population. Rank.	Population. Per cent of total.
Total for state	16,187	$330,568,779	17,247	142,076	$58,407,597	$30,935,354	$208,838,167	$360,818,942	-------	100.0	[1] 2,062,916	-------	100.0
Total for urban manufactures	8,329	249,792,346	8,926	114,030	46,755,420	25,963,571	143,681,196	262,595,610	-------	72.8	762,186	-------	36.9
Antigo	65	469,185	69	373	147,591	42,760	385,939	728,755	45	0.2	5,145	31	0.3
Appleton	240	4,975,397	273	2,226	951,147	304,724	3,251,621	5,330,669	8	1.5	15,085	12	0.7
Ashland	129	6,017,653	135	1,830	875,715	300,286	1,929,656	4,157,718	11	1.2	13,074	14	0.6
Baraboo	75	371,969	85	405	178,509	43,109	346,458	695,731	47	0.2	5,751	25	0.3
Beaverdam	57	1,181,842	64	707	215,526	60,237	529,527	1,002,255	38	0.3	5,128	32	0.2
Beloit	103	2,593,589	118	2,055	981,217	135,927	1,543,086	3,185,080	19	0.9	10,436	18	0.5
Berlin	65	458,021	70	376	134,514	32,112	412,259	736,247	44	0.2	4,489	36	0.2
Chippewa Falls	72	1,847,675	79	555	243,161	104,828	1,273,597	2,131,067	23	0.6	8,094	22	0.4
Depere	48	854,321	53	360	115,730	35,489	689,331	980,800	39	0.3	4,038	37	0.2
Eau Claire	148	4,756,338	157	1,858	726,565	298,327	2,491,102	4,366,230	10	1.2	17,517	9	0.8
Fond du Lac	188	2,745,438	189	1,834	677,977	239,112	1,895,233	3,386,822	18	0.9	15,110	11	0.7
Fort Atkinson	67	663,698	73	392	146,511	53,406	346,653	781,299	42	0.2	3,043	46	0.1
Grand Rapids	66	1,260,534	60	503	174,641	64,542	671,146	1,129,078	35	0.3	4,493	35	0.2
Green Bay	191	3,383,717	227	1,719	702,829	257,838	1,749,046	3,469,160	17	1.0	18,684	8	0.9
Hudson	41	631,920	42	422	226,001	18,775	926,230	1,261,569	31	0.3	3,259	44	0.2
Janesville	184	2,630,833	211	1,710	685,842	249,911	1,980,411	3,670,820	13	1.0	13,185	13	0.6
Jefferson	66	629,658	74	370	129,299	36,970	513,591	828,924	40	0.2	2,584	50	0.1
Kaukauna	71	1,315,646	71	667	300,827	97,158	803,552	1,424,047	30	0.4	5,115	33	0.2
Kenosha	71	5,946,975	67	3,149	1,332,380	360,411	5,106,209	7,488,366	6	2.1	11,606	17	0.6
La Crosse	255	7,230,360	266	3,009	1,105,985	864,006	4,965,850	8,281,749	4	2.3	28,895	4	1.4
Madison	195	3,840,042	227	1,805	826,596	347,383	1,457,387	3,508,808	16	1.0	19,164	7	0.9
Manitowoc	135	2,581,869	161	1,146	427,218	230,858	1,018,440	2,268,348	21	0.6	11,786	16	0.6
Marinette	103	3,070,648	98	1,833	743,937	329,036	2,495,581	4,659,712	9	1.3	16,195	10	0.8
Marshfield	63	429,525	66	372	135,354	46,689	349,313	709,144	46	0.2	5,240	30	0.3
Menasha	57	3,439,690	58	1,575	570,019	212,065	1,365,592	2,751,270	20	0.8	5,589	28	0.3
Menominee	50	3,498,474	58	698	323,412	65,637	977,536	1,533,139	29	0.4	5,655	26	0.3
Merrill	69	3,520,126	75	1,694	667,757	130,628	2,329,566	4,150,272	12	1.2	8,537	20	0.4
Milwaukee	3,342	110,363,854	3,586	48,328	20,240,656	16,690,165	65,118,719	123,786,449	1	34.3	285,315	1	13.8
Monroe	62	321,026	76	217	86,813	58,712	200,530	455,899	50	0.1	3,927	38	0.2
Neenah	74	2,183,170	78	616	278,096	67,774	980,158	1,642,414	27	0.5	5,954	24	0.3
North Milwaukee	20	1,124,214	14	944	356,298	64,018	1,244,288	1,942,777	24	0.5	1,049	53	0.1
Oconto	44	2,021,860	44	440	201,303	79,607	1,280,541	1,732,887	26	0.5	5,646	27	0.3
Oshkosh	285	8,018,038	297	4,587	1,762,410	616,564	4,742,744	8,781,248	3	2.4	28,284	5	1.4
Portage	72	468,925	71	324	104,742	47,560	228,802	502,234	49	0.1	5,459	29	0.3
Port Washington	65	1,006,926	71	811	265,298	77,098	508,080	1,037,318	36	0.3	3,010	47	0.1
Racine	252	16,753,215	240	6,785	2,994,100	1,004,165	6,253,372	12,502,796	2	3.5	29,102	3	1.4
Reedsburg	45	411,095	56	207	66,871	36,151	248,885	430,550	51	0.1	2,225	52	0.1
Rhinelander	62	1,366,855	58	781	307,131	57,259	1,103,659	1,855,433	25	0.5	4,998	34	0.2
Ripon	73	498,531	77	360	122,344	36,539	485,101	807,087	41	0.2	3,818	39	0.2
Sheboygan	206	7,766,616	211	5,338	1,678,236	678,413	3,995,102	7,469,202	7	2.1	22,962	6	1.1
South Milwaukee	29	1,092,523	28	595	318,149	44,783	553,088	1,028,703	37	0.3	3,392	43	0.2
Sparta	56	221,172	71	147	56,865	12,041	202,928	343,759	52	0.1	3,555	41	0.2
Stevens Point	107	2,197,025	114	979	390,800	98,056	1,391,413	2,171,265	22	0.6	9,524	19	0.5
Stoughton	14	713,452	13	263	118,711	43,513	236,825	505,715	48	0.1	3,431	42	0.2
Superior	185	5,882,562	188	1,958	925,776	378,667	5,396,730	7,527,703	5	2.1	31,091	2	1.5
Tomah	47	986,180	53	212	89,002	30,746	531,287	743,615	43	0.2	2,840	49	0.1
Tomahawk	33	172,514	29	180	93,271	26,632	51,609	218,838	53	0.1	2,291	51	0.1
Two Rivers	45	836,492	53	971	250,385	75,126	591,406	1,177,621	33	0.3	3,784	40	0.2
Washburn	35	1,566,855	37	501	260,036	70,250	568,657	1,165,861	34	0.3	6,814	23	0.3
Watertown	86	1,776,312	103	621	204,305	112,071	949,118	1,625,982	28	0.5	8,437	21	0.4
Waupun	42	493,590	47	267	87,988	135,502	793,504	1,200,814	32	0.3	3,185	45	0.2
Wausau	137	3,094,178	149	1,643	594,626	243,537	2,238,730	3,658,439	15	1.0	12,354	15	0.6
Wauwatosa	37	3,110,023	36	2,312	1,154,948	216,398	1,982,008	3,663,892	14	1.0	2,842	48	0.1
Total for state exclusive of urban manufactures	7,858	80,776,433	8,321	28,046	11,652,177	4,971,783	65,156,971	98,223,332	-------	27.2	1,300,730	-------	63.1
Per cent of urban manufactures to total for state	51.5	75.6	51.8	80.3	80.1	83.9	68.8	72.8	-------	-------	36.9	-------	-------

[1] Exclusive of 6,126 Indians and other persons on Indian reservations, which classes were not included at previous censuses.

Of the 16,187 establishments in the state, 8,329, or 51.5 per cent, were located in these 53 cities and towns. They furnished employment to 114,030 wage-earners, or 80.3 per cent of the total number, and the value of their products, $262,595,610, formed 72.8 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of La Crosse, Milwaukee, Oshkosh, Racine, Sheboygan, and Superior by specified industries.

Table 9 shows the totals for the cities and towns withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

	COUNTIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	16,187	$330,568,779	$60,375,729	$44,014,040	$62,101,320	$164,077,690	17,247	10,760	$10,608,383	142,076	$58,407,597
2	Adams	24	60,265	11,520	14,545	22,540	11,660	30	-------	-------	18	6,375
3	Ashland	151	8,043,907	2,634,048	366,348	1,021,006	4,022,505	156	120	121,403	2,563	1,183,436
4	Barron	121	1,950,859	802,543	137,102	171,772	839,442	135	32	32,631	602	209,722
5	Bayfield	66	7,737,501	3,825,519	288,786	818,646	2,804,550	65	67	74,316	1,530	772,603
6	Brown	342	5,818,981	1,394,635	804,723	1,087,187	2,532,436	389	160	157,007	2,469	973,835
7	Buffalo	83	283,975	30,675	82,830	88,135	82,335	92	9	3,717	84	38,155
8	Burnett	27	73,606	2,660	15,340	35,400	20,206	26	7	715	30	12,616
9	Calumet	154	666,287	112,990	196,970	178,036	178,291	172	23	21,307	341	116,080
10	Chippewa	185	5,384,806	2,079,808	390,168	949,135	1,965,695	197	88	83,355	1,350	554,117
11	Clark	130	1,484,879	524,967	129,560	240,011	590,341	146	38	31,571	510	205,234
12	Columbia	221	898,589	74,635	186,807	220,807	416,340	238	50	35,859	536	173,880
13	Crawford	103	681,730	346,669	63,550	126,304	145,207	118	14	8,835	245	82,731
14	Dane	505	5,258,905	367,120	755,233	1,098,564	3,037,988	535	292	212,160	2,333	1,070,203
15	Dodge	388	3,172,902	206,367	885,746	608,568	1,472,221	373	85	78,321	1,431	497,763
16	Door	86	610,939	96,155	81,075	139,430	294,279	95	16	12,210	353	148,218
17	Douglas	202	8,115,796	2,252,162	1,867,835	2,095,671	1,900,128	201	194	210,639	2,542	1,267,368
18	Dunn	119	3,749,411	1,988,459	216,073	661,255	883,624	133	57	55,616	879	403,673
19	Eau Claire	208	5,839,470	1,124,056	454,029	1,240,870	3,020,515	224	142	153,576	2,211	878,307
20	Florence	5	36,600	3,050	4,200	13,050	16,300	6	3	2,150	23	11,290
21	Fond du Lac	496	4,333,221	423,749	768,749	862,216	2,278,507	526	190	177,867	2,727	996,749
22	Forest	10	283,252	176,825	26,750	45,430	34,247	9	8	5,420	51	17,844
23	Grant	291	750,119	79,508	218,716	202,390	249,505	310	30	10,218	363	138,688
24	Green	328	860,357	107,461	244,600	220,451	287,845	293	35	15,481	469	212,182
25	Green Lake	131	695,364	100,270	122,505	164,155	308,434	135	43	27,137	466	171,032
26	Iowa	207	990,344	38,243	444,625	142,512	364,964	180	54	28,455	331	146,160
27	Iron	31	914,729	265,055	31,510	142,514	475,650	35	20	18,940	324	151,892
28	Jackson	65	295,092	46,399	58,320	101,108	89,265	85	14	7,385	104	41,175
29	Jefferson	376	3,883,177	416,379	1,020,022	860,999	1,585,777	398	170	131,613	1,627	597,410
30	Juneau	133	432,700	63,980	124,560	130,231	113,929	146	11	10,854	169	69,269
31	Kenosha	123	6,122,237	275,635	704,731	1,084,103	4,057,768	117	122	195,197	3,203	1,357,876
32	Kewaunee	156	696,149	76,299	135,444	190,120	294,286	170	23	10,659	440	146,291
33	La Crosse	324	8,138,040	1,140,165	1,265,835	1,406,844	4,325,196	334	340	339,299	3,503	1,337,610
34	Lafayette	192	336,447	24,408	112,840	91,556	107,643	167	19	1,937	155	62,565
35	Langlade	92	922,194	153,829	103,295	206,399	458,671	105	31	26,706	627	260,541
36	Lincoln	122	3,903,406	1,468,904	202,455	478,514	1,753,533	127	54	76,918	1,953	801,200
37	Manitowoc	401	4,216,528	441,007	1,019,075	962,050	1,794,396	459	125	123,785	2,494	809,259
38	Marathon	281	8,722,962	1,920,580	655,362	1,364,097	4,782,923	302	182	171,331	3,303	1,303,359
39	Marinette	152	9,892,383	4,451,895	655,945	1,553,059	3,231,484	149	140	175,557	2,703	1,179,504
40	Marquette	56	346,757	98,700	59,450	121,345	67,262	68	9	9,935	137	55,314
41	Milwaukee	3,523	119,444,751	17,063,757	14,269,546	19,618,062	68,493,386	3,758	4,694	4,835,968	53,530	22,588,110
42	Monroe	183	1,394,643	701,216	155,245	227,776	310,406	215	31	20,156	453	185,236
43	Oconto	96	3,050,847	1,133,928	301,485	378,789	1,236,645	103	53	57,306	837	349,857
44	Oneida	70	2,884,713	888,472	172,181	530,296	1,293,764	61	44	55,610	1,192	510,988
45	Outagamie	452	10,413,634	1,230,638	2,455,979	4,127,032	2,599,985	504	195	213,755	3,646	1,557,851
46	Ozaukee	169	1,620,611	211,223	268,355	400,269	740,764	171	81	73,945	1,140	368,307
47	Pepin	56	125,053	12,005	33,185	45,575	34,288	72	6	1,719	58	19,736
48	Pierce	176	791,052	160,380	74,279	206,577	349,816	201	20	12,667	390	154,648
49	Polk	87	658,550	100,154	63,962	156,917	337,517	91	18	8,674	262	102,194
50	Portage	159	2,714,263	617,797	343,188	687,608	1,065,670	163	64	53,133	1,123	449,459
51	Price	46	2,068,884	387,803	176,980	371,075	1,133,026	53	26	24,290	601	282,628
52	Racine	355	18,378,988	1,103,510	2,238,081	3,092,625	11,944,772	337	996	972,340	7,793	3,395,634
53	Richland	158	552,684	93,485	98,115	178,145	182,939	190	16	2,768	191	72,459
54	Rock	417	6,013,953	376,854	913,619	1,605,506	3,117,974	473	328	281,129	3,993	1,776,813
55	St. Croix	146	1,602,825	126,335	318,975	260,958	896,557	154	55	46,507	810	369,624
56	Sauk	232	1,140,821	136,105	242,003	329,509	433,204	260	44	27,413	797	308,220
57	Sawyer	22	1,726,722	365,550	98,755	137,015	1,125,402	19	19	25,764	213	131,406
58	Shawano	139	1,924,893	652,462	276,684	392,881	602,866	148	38	32,065	836	374,418
59	Sheboygan	485	9,031,969	920,997	1,602,167	1,816,536	4,692,269	520	227	272,705	5,956	1,891,483
60	Taylor	35	1,728,592	366,378	137,015	248,152	977,047	49	38	31,520	629	252,063
61	Trempealeau	144	434,901	65,045	114,852	136,069	118,935	148	14	6,236	157	56,879
62	Vernon	155	530,096	54,802	99,620	173,578	202,096	198	7	2,580	247	85,179
63	Vilas	13	845,435	61,204	33,450	156,126	594,655	13	16	22,800	430	200,833
64	Walworth	282	821,367	87,515	207,371	229,912	296,569	304	57	12,414	432	197,140
65	Washburn	24	731,189	118,617	24,350	106,127	482,095	27	12	14,160	290	116,027
66	Washington	242	1,209,967	105,765	319,919	245,181	539,102	278	40	43,437	581	196,079
67	Waukesha	264	2,186,904	427,469	556,351	519,899	683,185	273	75	78,115	942	397,386
68	Waupaca	213	1,713,008	309,535	227,505	417,508	758,460	225	33	18,911	614	242,125
69	Waushara	70	175,372	18,705	39,930	65,805	50,932	88	6	1,044	94	48,380
70	Winnebago	508	13,868,111	1,839,062	2,371,788	2,926,886	6,730,375	523	379	387,974	6,866	2,647,549
71	Wood	179	4,179,115	991,632	863,396	1,166,446	1,157,641	182	111	111,196	1,774	617,360

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
120,131	$53,961,539	16,266	$3,553,063	5,679	$892,995	$30,935,354	$1,581,292	$1,975,048	$26,059,019	$1,319,995	$208,838,167	$202,871,904	$5,966,263	$360,818,942	1
16	6,025	1	250	1	100	1,981	265	323	987	406	64,038	63,644	394	87,303	2
2,509	1,169,400	50	13,621	4	415	362,771	18,166	63,570	199,247	81,788	3,497,638	3,311,241	186,397	6,426,259	3
581	205,766	14	2,946	7	1,010	70,783	6,559	21,679	41,983	562	922,100	916,602	5,498	1,480,220	4
1,500	766,007	18	4,260	12	2,336	184,354	3,776	61,662	117,841	1,075	2,399,705	2,396,376	3,329	3,970,916	5
2,062	901,467	357	64,125	50	8,243	373,516	22,005	47,972	281,471	22,068	3,193,125	3,110,804	82,321	5,686,186	6
79	37,213	4	862	1	80	19,835	1,192	1,955	16,338	350	317,123	310,343	6,780	464,025	7
28	12,216	1	250	1	150	3,165	145	787	2,233	----------	132,735	131,258	1,477	173,954	8
320	112,690	18	2,970	3	420	31,277	2,312	3,315	25,500	150	550,609	513,054	37,555	910,218	9
1,286	540,063	47	10,570	17	3,484	188,532	6,518	66,934	114,058	1,022	2,950,560	2,939,379	11,181	4,537,176	10
489	202,161	14	2,002	7	1,071	63,507	2,529	13,157	47,655	166	734,608	726,226	8,382	1,297,458	11
347	141,052	166	30,389	23	2,439	78,283	11,558	4,765	57,660	4,300	744,234	715,525	28,709	1,278,161	12
209	75,660	29	6,161	7	910	36,426	2,081	2,145	32,065	135	344,561	337,558	7,003	604,703	13
2,120	1,010,592	182	55,192	31	4,419	424,640	38,344	17,319	329,196	39,781	3,082,919	2,997,624	85,295	5,892,362	14
1,213	458,089	182	34,378	36	5,296	163,802	10,856	12,547	140,044	355	2,529,029	2,369,041	159,988	4,012,429	15
342	145,608	11	2,610	----------	----------	26,932	2,269	3,392	20,771	500	528,160	521,774	6,386	974,741	16
2,370	1,209,977	140	53,094	32	4,297	419,880	37,014	58,624	319,734	4,508	6,349,224	6,265,366	83,858	8,933,218	17
833	394,875	17	3,147	29	5,651	71,840	3,312	43,589	24,583	356	1,355,241	1,328,582	26,659	2,123,056	18
2,004	837,561	159	33,533	48	7,213	325,056	18,805	66,117	225,145	14,989	3,352,753	3,318,270	34,483	5,661,415	19
23	11,290	----------	----------	----------	----------	2,145	80	240	1,825	----------	21,465	21,425	40	41,835	20
2,057	876,282	600	110,111	70	10,356	432,599	24,921	21,677	256,758	129,243	4,364,872	4,236,800	128,072	6,993,880	21
51	17,844	----------	----------	----------	----------	2,159	48	671	1,440	----------	40,805	40,771	34	76,164	22
298	127,750	52	9,076	13	1,862	64,499	11,053	4,332	43,172	5,942	814,743	793,023	21,720	1,307,495	23
413	197,896	46	12,925	10	1,361	82,162	10,447	3,972	62,362	5,381	1,114,337	1,092,185	22,152	1,715,624	24
328	153,369	131	16,697	7	966	44,041	7,325	4,152	30,514	2,050	676,283	660,412	15,871	1,110,360	25
304	140,195	24	5,569	3	396	41,173	6,019	3,786	31,261	107	1,011,750	963,456	48,294	1,469,227	26
311	149,062	3	920	10	1,910	29,240	1,536	11,256	16,448	----------	816,810	814,669	2,141	1,185,581	27
97	39,980	5	1,045	2	150	21,275	935	2,951	15,514	1,875	349,287	343,022	6,265	510,083	28
1,464	568,709	132	25,297	31	3,404	236,869	15,870	16,931	197,940	6,128	3,276,295	3,182,879	93,416	5,129,707	29
143	64,952	23	3,917	3	400	27,425	9,989	4,089	13,332	15	520,433	509,670	10,763	785,687	30
2,578	1,219,801	350	88,725	275	49,350	369,077	7,784	24,516	336,777	----------	5,450,038	4,986,381	463,657	7,944,813	31
356	132,448	75	12,607	9	1,236	39,371	3,278	3,117	27,576	5,400	541,529	528,434	13,095	956,974	32
2,713	1,189,816	745	142,270	45	5,524	904,541	34,095	50,877	782,165	37,404	5,909,948	5,784,931	125,017	9,807,887	33
132	58,972	19	3,041	4	552	17,129	5,098	1,857	10,044	130	574,291	563,458	10,833	822,153	34
596	256,165	20	3,039	11	1,337	64,141	5,400	7,152	51,139	450	657,709	652,194	5,515	1,289,081	35
1,783	764,575	40	9,641	130	26,984	167,571	6,734	40,457	118,102	2,278	2,476,093	2,465,591	10,502	4,554,192	36
2,042	757,999	304	34,356	148	16,904	350,594	23,490	23,024	250,715	53,365	2,559,471	2,477,387	82,084	4,785,576	37
3,090	1,274,059	66	11,407	147	17,893	416,174	15,064	76,510	290,220	34,380	4,569,876	4,517,318	52,558	7,463,116	38
2,562	1,149,224	128	28,280	13	2,000	403,108	11,688	113,809	277,404	207	3,874,804	3,845,923	28,881	6,972,616	39
132	54,274	5	1,040	----------	----------	6,036	639	2,018	3,299	80	246,725	243,988	2,737	441,743	40
42,938	20,490,689	7,541	1,633,830	3,051	463,591	18,631,820	877,286	486,715	16,524,868	742,951	76,160,224	73,745,828	2,414,396	140,252,383	41
428	180,773	24	4,313	1	150	50,517	7,244	10,289	32,652	332	1,088,229	1,070,730	17,499	1,594,664	42
789	337,731	34	8,326	14	3,800	103,430	2,254	45,138	52,458	3,580	1,792,681	1,761,950	30,731	2,597,916	43
1,171	505,508	14	3,905	7	1,575	113,903	4,359	22,772	86,597	175	1,856,694	1,852,563	4,131	3,139,307	44
3,118	1,445,724	456	102,282	72	9,845	526,898	50,596	61,958	404,725	9,619	5,565,932	5,216,150	349,782	9,127,604	45
975	339,821	99	18,603	66	9,883	121,791	4,751	5,106	108,849	3,085	1,178,366	1,111,211	67,155	1,980,197	46
53	18,661	4	1,025	1	50	11,871	2,567	798	8,506	----------	175,843	172,972	2,871	261,823	47
366	150,388	15	3,081	9	1,179	37,151	9,209	4,481	23,253	208	669,145	535,712	133,433	1,118,421	48
260	102,024	----------	----------	2	170	19,007	1,058	4,198	11,911	1,840	777,626	772,655	4,971	1,221,507	49
940	420,428	163	26,536	20	2,495	115,208	7,411	15,333	82,224	10,240	1,844,230	1,791,608	52,622	2,819,263	50
600	282,368	1	260	----------	----------	55,558	838	22,098	32,220	402	1,122,904	1,114,139	8,765	1,682,131	51
6,318	3,008,545	1,263	355,578	212	31,511	1,382,343	47,375	58,203	1,259,926	16,839	7,719,995	7,506,973	213,022	15,643,783	52
175	69,477	16	2,982	----------	----------	15,108	2,233	3,701	9,174	----------	523,965	515,662	8,303	795,448	53
3,366	1,625,635	581	146,123	46	5,055	405,205	40,596	25,162	328,305	11,142	4,408,247	4,293,818	114,429	8,090,447	54
795	365,946	12	3,318	3	360	110,571	5,895	18,741	85,933	2	2,309,141	2,288,729	20,412	3,028,821	55
602	270,087	183	36,805	12	1,328	94,854	9,334	6,633	72,967	5,920	1,127,786	1,102,017	25,769	1,876,650	56
212	131,146	1	260	----------	----------	13,575	775	11,502	1,298	----------	713,861	712,576	1,285	984,198	57
813	370,008	14	2,453	9	1,957	92,507	2,492	14,748	75,067	200	983,210	975,296	7,914	1,770,751	58
5,205	1,766,021	376	66,553	375	58,909	766,275	18,598	39,675	686,075	21,927	5,493,950	5,367,348	126,602	9,652,106	59
619	250,109	5	1,162	5	792	77,475	301	16,307	60,467	400	1,528,661	1,523,053	5,608	2,152,671	60
135	52,018	18	4,526	4	335	23,476	5,763	3,956	13,707	50	857,431	847,500	9,931	1,111,882	61
234	81,604	12	3,395	1	180	16,424	2,587	3,437	10,400	----------	424,310	417,146	7,164	709,669	62
430	200,833	----------	----------	----------	----------	53,220	198	8,435	44,587	----------	1,517,413	1,516,863	550	1,875,130	63
363	180,747	65	15,983	4	410	49,516	12,489	4,330	29,612	3,085	1,824,021	1,796,898	27,123	2,515,872	64
285	115,109	1	300	4	618	32,106	214	19,498	12,394	----------	512,963	512,189	774	818,018	65
483	180,785	93	14,533	5	761	93,253	6,317	5,167	80,923	846	1,172,236	1,134,458	37,778	1,808,599	66
856	378,947	66	16,052	20	2,387	157,021	14,321	10,566	127,231	4,903	1,191,099	1,145,443	45,656	2,292,786	67
559	231,027	51	10,318	4	780	70,703	6,537	10,277	53,536	353	1,156,425	1,142,507	13,918	1,936,737	68
88	47,269	6	1,111	----------	----------	5,107	1,558	1,068	2,481	----------	307,301	302,654	4,647	447,050	69
5,566	2,345,629	898	212,783	402	89,137	903,003	41,650	99,375	741,580	20,398	7,617,279	7,408,103	209,176	13,848,239	70
1,608	585,398	76	16,344	90	15,618	218,549	5,287	28,135	180,575	4,552	2,301,073	2,220,569	80,504	3,787,275	71

TABLE 7.—MANUFACTURES BY

	Manufacturing and mechanical industries.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
1	All industries	16,187	$330,568,779	$60,375,729	$44,014,040	$62,101,320	$164,077,690	17,247	10,760	$10,608,383	142,076	$58,407,597
2	Agricultural implements	51	15,291,554	600,163	1,222,771	1,716,253	11,752,367	42	1,180	836,316	3,289	1,625,765
3	Artificial feathers and flowers	3	5,483			375	5,108	4			8	3,351
4	Artificial limbs	4	22,145			2,843	19,302	2	8	5,506	20	10,240
5	Awnings, tents, and sails	26	76,532	4,150	6,975	11,365	54,042	26	6	4,500	81	31,686
6	Baking and yeast powders	4	94,400		5,000	7,550	81,850	4	5	2,750	8	3,817
7	Baskets, and rattan and willow ware	9	61,578	3,100	12,500	22,986	22,992	12	4	4,200	112	43,856
8	Bicycle and tricycle repairing	179	230,767	22,960	34,500	64,190	109,117	241	7	1,545	144	54,397
9	Bicycles and tricycles	23	2,337,975	157,200	304,586	685,218	1,190,971	13	160	134,007	1,572	625,149
10	Blacking	8	23,085	3,100	7,200	1,385	11,400	4	4	3,912	7	2,512
11	Blacksmithing and wheelwrighting	1,581	2,127,171	437,182	632,147	334,355	723,487	1,766	7	4,960	940	407,280
12	Bookbinding and blank book making	27	357,457	3,300	9,250	119,441	225,466	26	51	40,201	565	155,585
13	Boots and shoes, custom work and repairing.	612	345,339	59,200	93,803	70,473	121,863	656			249	102,929
14	Boots and shoes, factory product	40	2,473,626	80,536	261,290	462,255	1,669,545	29	232	213,600	2,507	821,403
15	Bottling	18	39,152	5,575	5,850	10,320	17,407	22	2	1,300	22	12,148
16	Boxes, cigar	8	228,733	35,850	36,110	31,262	125,511	12	16	13,184	232	82,228
17	Boxes, fancy and paper	8	177,594	15,500	30,000	73,540	58,554	12	13	10,990	328	73,266
18	Boxes, wooden packing	38	1,325,604	157,692	162,615	249,198	756,099	39	47	47,195	1,290	386,743
19	Brass castings and brass finishing	10	920,112	89,072	165,225	237,771	428,044	5	53	57,933	426	183,901
20	Brassware	3	385,980	20,200	20,200	42,280	303,300	2	26	18,000	145	61,950
21	Bread and other bakery products	430	1,699,717	248,845	413,563	464,478	572,831	443	183	113,727	1,329	467,949
22	Brick and tile	168	2,210,504	545,033	401,845	648,719	614,907	165	61	48,521	1,469	542,015
23	Bridges	4	17,600	1,000	1,500	7,400	7,700	5			23	7,355
24	Brooms and brushes	41	124,065	24,700	13,225	17,903	68,237	49	12	8,801	165	55,039
25	Buttons	9	34,499	1,300	4,595	12,539	16,065	9	4	1,425	106	32,108
26	Carpentering	665	1,467,515	256,800	222,401	229,033	759,281	790	24	14,909	3,454	1,664,361
27	Carpets, rag	51	18,901	2,835	5,075	6,345	4,646	52			30	9,307
28	Carriage and wagon materials	10	183,640	8,800	17,088	40,054	117,698	9	11	7,406	117	41,132
29	Carriages and sleds, children's	3	206,765	13,000	24,989	38,376	130,400	2	7	7,972	295	69,011
30	Carriages and wagons	436	8,461,561	863,272	1,301,072	871,994	5,425,223	547	221	249,800	3,402	1,620,693
31	Cars and general shop construction and repairs by steam railroad companies.	46	4,206,285	589,375	1,343,738	690,578	1,582,594		272	245,163	4,502	2,398,144
32	Charcoal	3	3,260	800	1,675	135	650	2			5	1,310
33	Cheese, butter, and condensed milk, factory product.	2,018	4,917,940	220,406	1,767,497	1,850,428	1,079,609	1,538	414	69,676	1,780	893,499
34	Chemicals	4	288,455			154,995	133,460	2	33	43,050	64	26,258
35	Clothing, horse	3	171,592	5,500	12,771	8,824	144,497	1	13	9,280	113	30,663
36	Clothing, men's, custom work and repairing.	661	1,524,320	133,575	214,084	99,780	1,076,881	774	65	47,808	1,946	845,452
37	Clothing, men's, factory product	89	2,767,521	36,710	113,750	108,820	2,508,241	90	233	266,157	2,327	606,850
38	Clothing, women's, dressmaking	224	151,163	9,975	14,250	28,048	98,890	242	3	3,235	765	159,807
39	Clothing, women's, factory product	9	141,750			16,025	125,725	14	21	18,150	253	80,816
40	Coffee and spice, roasting and grinding	6	257,933	20,000	29,500	31,970	176,463	3	50	44,910	41	19,306
41	Coffins, burial cases, and undertakers' goods.	3	235,359	39,000	21,000	20,250	155,109	7	13	8,980	76	32,812
42	Confectionery	56	686,113	43,900	76,613	140,277	425,323	57	102	93,696	749	163,020
43	Cooperage	126	973,188	165,693	163,247	139,281	504,967	140	26	24,015	1,047	422,548
44	Cordage and twine	3	31,565	3,000	2,870	13,310	12,385	3	4	2,600	40	7,370
45	Cotton goods	3	467,808	34,250	75,750	185,900	171,908	2	5	5,220	347	80,567
46	Cutlery and edge tools	5	50,722	10,200	10,300	13,950	16,272	7	3	2,400	19	9,660
47	Druggists' preparations, not including prescriptions.	4	120,064	7,000	23,000	32,861	57,203	1	9	5,858	18	6,420
48	Dyeing and cleaning	29	92,675	17,400	14,570	27,380	33,325	32	15	7,939	128	38,788
49	Electrical apparatus and supplies	7	981,553	5,600	10,000	142,272	823,681	1	56	63,744	527	221,501
50	Electrical construction and repairs	20	181,450	30,575	10,400	16,412	124,063	19	32	14,938	100	49,578
51	Electroplating	8	17,930			11,830	6,100	12			12	4,125
52	Enameling and enameled goods	4	2,108,626	294,824	401,452	463,092	949,258	2	46	75,410	1,296	339,378
53	Engraving, steel, including plate printing.	5	8,900			4,956	3,944	4	2	936	26	7,882
54	Fancy articles, not elsewhere specified	4	17,510	1,500	1,500	1,885	12,625	4			24	4,602
55	Fish, canning and preserving	6	4,590	1,125	1,150	815	1,500	7			3	1,010
56	Flavoring extracts	6	64,629			6,825	57,804	4	11	7,654	14	5,363
57	Flouring and grist mill products	717	9,611,764	1,018,100	2,819,496	3,189,046	2,585,122	903	226	248,657	1,412	717,183
58	Food preparations	15	656,155	38,200	118,776	148,489	350,690	9	96	75,661	249	112,551
59	Foundry and machine shop products	272	22,387,310	2,172,961	2,933,977	5,902,778	11,377,594	250	767	971,398	12,670	6,376,040
60	Fruits and vegetables, canning and preserving.	16	650,115	58,103	112,453	120,634	358,925	8	42	32,732	676	117,090
61	Fur goods	33	509,090	6,350	15,100	26,167	461,473	39	37	26,502	449	159,808
62	Furnishing goods, men's	3	17,379			1,189	16,190	3			12	2,782
63	Furniture, cabinetmaking, repairing, and upholstering.	142	361,950	62,485	81,535	34,265	183,665	172	13	10,364	280	119,839
64	Furniture, factory product	78	10,209,901	902,288	1,632,861	2,128,568	5,546,184	46	420	447,921	7,775	2,553,595
65	Furs, dressed	8	32,814	7,200	5,800	6,550	13,264	10	2	1,059	42	17,732
66	Gas, illuminating and heating	25	7,375,192	955,880	373,998	4,402,144	1,643,170		123	89,285	532	268,459
67	Gas machines and meters	3	18,165		40	800	17,325	7	4	3,400	3	1,092
68	Glass, cutting, staining, and ornamenting.	6	57,146	600	300	6,478	49,768	8	3	3,685	53	22,639
69	Gloves and mittens	19	219,789	6,250	14,937	26,090	172,512	23	24	17,939	319	78,473
70	Grease and tallow	8	44,651	7,700	14,200	6,780	15,971	8	4	2,250	23	9,190
71	Hairwork	16	22,384	300	800	1,535	19,749	18			30	7,010

SPECIFIED INDUSTRIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
120,131	$53,961,539	16,266	$3,553,063	5,679	$892,995	$30,935,354	$1,581,292	$1,975,048	$26,059,019	$1,319,995	$208,838,167	$202,871,904	$5,966,263	$360,818,942	1
3,276	1,622,606			13	3,159	699,865	7,410	35,911	647,588	8,956	3,290,690	3,208,981	81,709	7,886,363	2
3	1,830	5	1,521			1,087	648	34	405		3,074	2,875	199	10,146	3
20	10,240					7,274	2,190	42	4,242	800	12,639	12,570	69	94,870	4
48	22,979	32	8,582	1	125	6,581	3,518	535	2,528		45,233	44,721	512	126,036	5
6	3,242	2	575			2,414	860	176	1,378		10,836	10,220	616	30,285	6
94	38,000	10	3,700	8	2,156	1,575	426	428	721		20,712	19,200	1,512	91,695	7
130	52,271	2	572	12	1,554	28,639	18,787	1,387	7,757	708	169,406	164,726	4,680	392,761	8
1,500	611,512	1	130	71	13,507	170,266	9,807	7,805	147,451	5,203	1,536,592	1,495,154	41,438	2,795,236	9
2	1,144	1	120	4	1,248	7,867	12	150	7,705		12,298	12,166	132	49,705	10
932	406,063			8	1,217	90,801	42,913	13,217	32,029	2,642	732,258	675,344	56,914	2,442,141	11
246	103,810	254	45,738	65	6,037	40,711	11,947	1,226	22,103	5,435	275,295	271,049	4,246	593,365	12
245	101,959	2	520	2	450	40,420	27,924	2,893	9,083	520	219,495	211,181	8,314	637,531	13
1,494	569,246	849	227,820	164	24,337	279,913	15,831	8,913	143,135	112,034	3,170,921	3,150,715	20,206	4,791,684	14
22	12,148					3,615	1,017	122	2,476		43,128	42,340	788	76,942	15
85	26,610	122	23,118	25	2,500	13,756	460	1,352	11,944		139,393	137,283	2,110	242,436	16
64	29,485	175	27,801	89	15,980	7,464	2,160	423	4,881		121,416	118,557	2,859	240,926	17
1,064	353,070	36	8,844	190	24,829	68,620	5,755	5,805	57,060		1,250,295	1,229,543	20,752	1,989,663	18
369	175,917	25	4,200	32	3,784	38,429	2,310	4,731	31,388		512,555	500,592	11,963	888,775	19
134	53,950	11	8,000			12,088	110	1,598	10,380		388,258	387,140	1,118	612,950	20
881	398,781	319	50,029	129	19,139	202,079	67,684	13,148	120,737	510	1,870,611	1,799,492	71,119	3,619,288	21
1,410	531,388	1	100	58	10,527	95,003	13,353	12,058	69,574	18	730,297	66,800	663,497	1,795,993	22
23	7,355					661	10	41	610		15,150	14,440	710	28,984	23
148	52,871	6	1,326	11	842	7,315	2,611	859	3,603	242	147,464	145,715	1,749	291,599	24
74	26,088	26	5,880	6	140	1,830	480	58	1,292		18,751	17,011	1,740	63,125	25
3,450	1,663,783	2	360	2	218	436,382	69,853	8,354	50,026	308,149	3,873,159	3,864,146	9,013	7,115,245	26
14	6,435	15	2,664	1	208	2,687	2,156	100	396	35	10,977	10,352	625	51,427	27
117	41,132					9,237	1,756	692	6,084	705	103,023	101,464	1,559	193,982	28
255	61,291	2	416	38	7,304	10,659	60	850	9,749		118,221	113,206	5,015	272,125	29
3,317	1,599,917	47	14,339	38	6,437	370,099	15,347	38,320	309,680	6,752	3,346,621	3,286,152	60,469	6,956,341	30
4,499	2,396,997	3	1,147			138,270		15,988	122,282		3,525,144	3,455,870	69,274	6,306,823	31
5	1,310					83		33	50		3,900	3,850	50	7,555	32
1,742	884,673	25	6,479	13	2,347	157,123	19,285	22,022	113,310	2,506	16,623,859	16,365,358	258,501	20,120,147	33
49	24,569	15	1,689			57,549	5,700	834	51,015		131,421	128,734	2,687	254,196	34
19	6,786	94	23,877			19,412		337	13,675	5,400	226,570	225,744	826	311,079	35
1,521	739,635	406	103,660	19	2,157	229,676	109,753	9,022	58,584	52,317	1,322,905	1,302,208	20,697	3,310,047	36
503	238,454	1,765	360,282	59	8,114	511,763	42,089	11,740	104,645	353,289	2,369,930	2,353,439	16,491	4,393,092	37
22	17,614	729	141,207	14	986	31,363	23,917	736	6,255	455	203,156	197,910	5,246	567,843	38
37	27,600	216	53,216			17,626	4,296	446	12,684	200	100,542	98,723	1,819	271,991	39
35	17,934	5	1,190	1	182	49,134	3,412	2,598	43,124		323,628	320,365	3,263	456,876	40
66	30,258	10	2,554			6,008		1,073	4,935		79,717	77,886	1,831	172,251	41
216	79,251	358	60,493	175	23,276	89,630	25,229	2,396	62,005		985,711	974,389	11,322	1,570,445	42
1,010	415,892			37	6,656	80,966	4,728	12,813	60,595	2,830	905,181	893,968	11,213	1,683,180	43
22	5,615	1	260	17	1,495	1,502	44	252	1,206		54,472	53,617	855	74,166	44
131	39,170	191	38,750	25	2,647	13,992		3,934	10,058		172,267	164,763	7,504	316,061	45
19	9,660					842	48	337	457		24,625	22,698	1,927	46,528	46
14	5,772	2	388	2	260	8,867	576	626	7,665		25,838	23,639	2,199	44,262	47
59	21,431	66	16,941	3	416	14,394	5,090	652	7,902	750	20,556	17,187	3,369	140,233	48
489	213,701	38	7,800			48,245	8,734	1,943	37,568		358,976	347,796	11,180	923,587	49
100	49,578					20,948	5,724	683	14,541		164,377	162,246	2,131	323,278	50
12	4,125					2,013	1,046	22	945		9,060	7,656	1,404	23,377	51
1,008	287,718	288	51,660			61,985	120	9,722	52,143		1,150,630	1,110,098	40,532	1,954,345	52
15	6,712	6	650	5	520	2,012	1,528	36	448		4,558	4,268	290	24,050	53
1	300	22	4,220	1	82	623	254	72	297		13,108	13,022	86	25,679	54
2	720			1	290	1,005	25	19	961		28,142	27,796	346	35,792	55
10	4,668	3	560	1	135	7,409	1,785	154	5,470		57,699	57,191	508	103,071	56
1,398	714,217	10	2,312	4	654	697,714	45,435	72,636	579,343	300	22,753,056	22,529,209	223,847	26,327,942	57
159	96,912	60	13,762	30	1,877	357,587	3,132	1,446	352,858	151	372,015	352,893	19,122	1,332,588	58
12,365	6,316,389	20	6,367	285	53,284	1,671,907	46,958	83,480	1,488,852	52,617	10,167,488	9,699,960	467,528	22,252,730	59
303	80,160	271	30,235	102	6,695	91,887	14,050	2,324	48,513	27,000	543,496	527,851	15,645	1,007,765	60
194	91,959	250	67,052	5	797	52,016	10,909	2,866	28,852	9,389	539,683	537,578	2,105	913,754	61
4	969	7	1,709	1	104	1,280	600	14	666		11,176	11,101	75	19,500	62
247	112,340	20	5,777	13	1,722	28,270	12,106	2,303	13,763	98	216,729	211,717	5,012	539,328	63
6,940	2,399,705	279	62,260	556	91,630	717,374	15,348	38,878	627,618	35,530	3,899,134	3,802,689	96,445	8,721,823	64
88	16,774	3	718	1	240	3,529	535	172	2,814	8	20,967	19,203	1,764	56,959	65
531	268,039	1	420			263,896		34,732	229,164		321,047	273,493	47,554	1,396,535	66
3	1,092					703	402	16	285		3,879	3,757	122	22,628	67
52	22,549			1	90	6,664	2,224	146	4,294		65,098	63,786	1,307	112,787	68
112	41,997	199	35,500	8	976	9,474	2,883	549	5,442	600	319,167	316,878	2,289	507,495	69
23	9,190					3,167	310	257	2,600		66,975	64,697	2,278	102,505	70
1	216	29	6,794			5,384	4,450	106	828		12,583	12,243	340	37,661	71

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
72	Hammocks	3	$242,166	$11,813	$51,106	$28,396	$150,851	2	6	$10,800	232	$63,165
73	Hand knit goods	12	12,399	800	535	3,505	7,559	13	------	------	8	1,520
74	Hand stamps	4	32,881	------	------	13,100	19,781	4	3	6,000	37	13,216
75	Hardware	11	204,434	2,550	22,700	66,357	112,827	9	24	17,164	339	101,419
76	Hardware, saddlery	4	238,532	8,000	49,500	68,612	112,420	5	15	13,068	342	125,072
77	Hats and caps, not including fur hats and wool hats.	6	441,878	18,000	90,400	103,758	229,720	6	40	37,649	606	171,441
78	Hosiery and knit goods	27	2,558,299	59,760	222,935	674,934	1,600,670	13	125	150,209	2,722	600,495
79	House furnishing goods, not elsewhere specified.	7	196,201	25,500	30,600	29,325	110,776	7	18	11,254	89	38,088
80	Iron and steel	12	5,564,379	755,400	844,031	883,471	3,081,477	------	91	115,449	1,921	1,216,850
81	Iron and steel, nails and spikes, cut and wrought, including wire nails.	3	118,560	6,500	15,700	48,000	48,360	------	1	1,040	35	11,838
82	Ironwork, architectural and ornamental.	12	855,196	73,904	75,527	205,592	500,173	12	65	63,097	698	276,645
83	Jewelry	5	28,788	------	------	7,341	21,447	8	5	3,508	37	25,842
84	Kaolin and other earth grinding	4	108,470	21,200	15,888	42,982	28,400	3	1	1,800	27	10,985
85	Leather goods	4	62,555	------	------	6,875	55,680	1	6	7,550	159	33,388
86	Leather, tanned, curried, and finished	42	18,283,591	1,113,870	1,962,329	1,538,570	13,668,822	43	230	314,956	5,262	2,241,861
87	Lime and cement	53	1,916,873	852,785	354,289	227,331	482,468	58	48	69,375	696	235,769
88	Lithographing and engraving	7	792,057	------	------	305,603	486,454	2	52	88,117	427	208,010
89	Liquors, distilled	5	773,890	64,534	102,326	215,280	391,750	2	11	11,000	53	29,979
90	Liquors, malt	147	35,317,950	7,316,144	6,342,994	3,515,536	18,143,276	139	484	726,069	3,904	1,926,730
91	Lock and gun smithing	44	60,378	10,906	9,605	19,116	20,751	43	5	1,700	20	8,229
92	Looking-glass and picture frames	42	107,612	9,000	16,950	10,592	71,070	56	4	2,687	56	25,334
93	Lumber and timber products	1,066	77,366,223	30,909,588	2,798,719	9,543,074	34,114,842	1,284	1,131	1,198,695	21,701	9,480,011
94	Lumber, planing mill products, including sash, doors, and blinds.	123	6,591,114	596,812	948,277	1,044,826	4,001,199	123	245	277,107	4,377	1,653,319
95	Malt	17	3,648,145	322,974	1,138,945	596,080	1,590,146	7	52	86,260	366	209,812
96	Marble and stone work	54	947,542	365,550	139,785	215,185	227,022	58	45	31,234	506	255,104
97	Masonry, brick and stone	223	639,482	43,870	32,275	119,214	444,123	281	19	18,845	1,808	924,831
98	Mattresses and spring beds	19	1,159,400	36,597	173,372	188,408	761,023	21	39	69,252	1,045	412,382
99	Millinery and lace goods	5	283,578	30,500	36,300	55,150	161,628	10	18	28,347	267	96,309
100	Millinery, custom work	611	863,980	103,457	150,023	36,787	573,713	719	48	19,217	1,110	247,613
101	Mineral and soda waters	132	1,061,549	303,299	175,711	228,335	354,204	143	70	61,652	367	136,035
102	Models and patterns	7	81,667	------	------	19,550	62,117	5	11	9,250	151	37,334
103	Monuments and tombstones	105	1,139,429	280,174	171,710	129,224	558,321	119	79	64,095	542	273,126
104	Musical instruments and materials, not specified.	4	15,665	------	------	4,230	11,435	3	------	------	7	4,488
105	Musical instruments, organs and materials.	3	24,825	2,900	7,250	3,475	11,200	3	------	------	15	6,508
106	Optical goods	3	11,945	------	------	1,650	10,295	3	1	900	8	3,400
107	Painting, house, sign, etc	379	561,492	60,170	72,655	63,668	364,999	451	45	22,819	1,398	621,890
108	Paints	5	463,236	------	------	39,414	423,822	6	43	28,761	78	28,117
109	Paper and wood pulp	47	16,580,140	2,157,253	4,143,680	6,773,753	3,505,454	3	199	307,927	4,240	1,649,010
110	Paper goods, not elsewhere specified	3	58,000	------	------	17,000	41,000	4	7	5,988	92	22,600
111	Paper hanging	23	64,445	1,100	950	5,714	56,681	31	8	2,980	128	60,624
112	Patent medicines and compounds	40	467,383	11,350	82,900	147,620	225,513	36	38	35,189	266	97,631
113	Paving and paving materials	47	837,625	330,940	85,526	197,571	223,588	48	37	28,714	784	337,324
114	Perfumery and cosmetics	3	45,472	------	------	2,922	42,550	7	9	12,915	16	4,284
115	Photography	311	473,813	60,115	87,305	202,992	123,401	352	21	7,981	253	90,020
116	Photolithographing and photoengraving.	4	22,361	------	------	11,261	11,100	3	2	1,500	51	27,445
117	Pickles, preserves, and sauces	15	163,919	20,710	40,190	23,474	79,545	7	16	13,359	92	29,580
118	Plastering and stuccowork	54	106,532	15,750	19,941	19,864	50,977	65	1	1,350	189	97,545
119	Plumbers' supplies	5	160,907	23,000	24,746	40,094	73,067	4	7	9,160	138	51,786
120	Plumbing, and gas and steam fitting	248	968,895	82,050	96,505	109,051	681,289	315	94	51,249	1,265	580,846
121	Pottery, terra cotta, and fire-clay products.	4	23,349	6,500	5,700	5,650	5,499	9	------	------	10	3,739
122	Printing and publishing, book and job	103	924,819	51,290	59,620	584,598	229,311	113	67	65,154	716	285,028
123	Printing and publishing, newspapers and periodicals.	495	4,390,988	374,395	814,413	1,847,556	1,354,624	522	411	349,073	2,679	1,174,242
124	Pumps, not including steam pumps	6	6,478	1,700	700	1,030	3,048	6	------	------	7	2,514
125	Refrigerators	7	719,084	58,655	114,775	140,001	405,653	3	41	47,075	567	193,516
126	Regalia and society banners and emblems.	4	13,130	------	------	430	12,700	5	------	------	16	4,003
127	Roofing and roofing materials	21	120,875	13,580	18,000	16,865	72,430	25	1	600	78	28,367
128	Rubber and elastic goods	3	491,918	6,878	35,774	71,226	378,040	------	28	39,409	367	106,495
129	Saddlery and harness	525	1,327,184	150,366	255,495	110,857	810,466	573	40	29,933	678	270,371
130	Sausage	8	247,150	64,800	74,500	48,050	59,800	9	11	19,002	140	50,352
131	Sewing machine repairing	9	7,465	1,100	2,600	1,780	1,985	8	------	------	8	2,286
132	Ship and boat building, wooden	29	832,225	253,700	111,000	250,670	216,855	31	20	19,968	562	282,567
133	Shirts	9	76,584	11,000	21,000	18,685	25,899	8	11	9,865	256	72,177
134	Slaughtering and meat packing, wholesale.	11	3,784,216	268,882	525,152	425,330	2,564,852	17	122	144,833	1,361	560,808
135	Soap and candles	15	723,606	119,958	98,892	109,986	394,770	13	75	92,413	199	75,691
136	Soda water apparatus	3	114,400	30,400	10,400	11,550	62,050	1	7	7,860	36	22,100
137	Springs, steel, car and carriage	5	205,999	14,000	26,500	46,100	119,399	3	15	12,610	131	55,458
138	Starch	6	93,250	10,450	22,000	36,750	24,050	4	7	4,020	34	15,267
139	Steam fittings and heating apparatus	8	934,426	115,615	122,091	130,218	566,502	7	63	64,713	395	137,661
140	Sugar and molasses, refining	18	15,330	1,600	3,245	10,115	370	24	------	------	11	2,971
141	Surgical appliances	5	24,550	4,400	1,000	2,600	16,550	7	5	2,700	13	2,785

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
40	$23,931	109	$26,234	83	$13,000	$9,488		$1,008	$8,480		$163,014	$161,333	$1,681	$311,319	72
1	282	7	1,238			2,051	$581	19	584	$867	10,278	10,154	124	21,635	73
36	12,916	1	300			5,194	2,190	103	2,901		23,913	23,741	172	53,382	74
286	90,088	37	8,575	16	2,756	17,050	2,682	346	14,022		122,464	115,030	7,434	313,045	75
341	124,832			1	240	21,982	650	545	18,787	2,000	102,651	96,303	6,348	284,365	76
276	104,475	308	64,132	22	2,834	46,060	644	1,845	43,571		276,725	267,594	9,131	602,820	77
341	144,862	1,756	357,777	625	97,856	223,216	16,886	6,314	195,374	4,642	1,176,146	1,149,295	26,851	2,486,813	78
54	29,730	24	8,258	1	100	13,974	934	1,314	11,726		230,702	227,419	3,283	320,756	79
1,921	1,216,850					361,571	12,310	34,202	315,059		5,410,066	4,182,409	1,227,657	8,905,226	80
29	10,391			6	1,447	5,426		336	5,090		77,265	74,630	2,635	113,600	81
688	274,590			10	2,055	63,329	5,246	3,276	54,207	600	1,153,776	1,141,514	12,262	1,865,075	82
37	25,842					2,127	1,341	29	757		36,051	35,683	368	76,372	83
27	10,985					2,650		335	2,315		18,473	14,438	4,035	42,064	84
68	19,701	67	9,836	24	3,851	3,875	1,194	167	2,514		123,788	122,976	812	178,895	85
5,166	2,226,108	29	6,783	67	8,970	735,767	10,690	79,147	645,930		16,040,304	15,927,911	112,393	20,074,373	86
691	235,044	4	595	1	130	87,514	22,435	6,433	58,646		364,011	171,601	192,410	960,004	87
374	192,900	41	13,092	12	2,018	66,607	16,820	1,915	41,088	6,784	221,266	215,786	5,480	715,862	88
53	29,979					2,280,404		1,800	2,278,604		342,296	313,941	28,355	2,698,984	89
3,178	1,770,594	306	84,470	420	71,666	10,259,291	3,656	171,379	10,079,156	5,100	4,237,454	3,879,031	358,423	19,394,709	90
15	7,251	4	848	1	130	6,505	3,730	400	2,275	100	22,078	20,930	1,148	71,237	91
48	23,995	7	1,159	1	180	8,022	5,522	675	1,825		70,680	69,380	1,300	160,983	92
21,181	9,369,994	83	18,486	437	91,531	2,420,060	25,724	770,083	1,597,053	27,200	35,199,409	35,198,024	1,385	57,634,816	93
4,095	1,604,025	6	2,047	276	47,247	399,644	16,112	44,042	321,601	17,889	5,036,773	4,995,114	41,659	8,400,695	94
363	209,012	3	800			207,596	7,400	26,111	171,445	2,640	3,174,525	3,048,208	126,317	4,089,715	95
506	255,104					38,729	3,949	4,923	23,357	6,500	233,637	219,472	14,165	754,456	96
1,805	924,381	1	168	2	282	109,516	6,527	4,787	25,061	73,141	1,923,130	1,916,834	6,296	3,506,175	97
937	386,503	85	21,123	23	4,756	73,600	6,339	4,701	62,560		1,183,122	1,173,720	9,402	1,838,841	98
56	33,114	208	63,017	3	178	42,988	2,234	1,303	39,351	100	299,012	295,707	3,305	529,185	99
9	2,097	1,091	244,623	10	893	120,414	86,648	6,609	27,155	2	1,082,613	1,070,956	11,657	2,047,312	100
344	133,033	16	2,286	7	716	118,505	5,435	6,972	106,098		489,690	480,336	9,354	1,151,747	101
86	28,884	43	6,650	22	1,800	17,380	3,710	262	13,408		62,636	60,741	1,895	144,583	102
542	273,126					41,667	4,162	5,668	29,230	2,607	506,154	497,407	8,747	1,169,897	103
6	4,188			1	300	769	480	8	281		1,977	1,855	122	9,740	104
15	6,508					2,032		151	1,881		5,781	5,447	334	18,488	105
8	3,400					3,233	2,440	64	729		9,500	9,460	40	31,065	106
1,394	621,191	1	200	3	499	75,076	29,863	3,422	34,301	7,490	575,418	571,062	4,356	1,791,013	107
68	24,117	10	4,000			21,400	5,400	2,093	13,907		675,711	673,188	2,523	881,767	108
3,437	1,480,633	775	159,998	28	8,379	664,591	27,671	97,530	532,415	6,975	6,712,749	6,066,996	645,753	10,895,576	109
32	11,700	56	10,100	4	800	7,622	3,200	122	4,300		68,237	66,562	1,675	134,160	110
127	60,474	1	150			9,647	5,435	342	3,762	108	56,073	55,605	468	169,895	111
81	43,291	162	49,640	23	4,700	168,084	7,081	1,218	159,635	150	175,315	172,948	2,367	576,454	112
783	337,156			1	168	32,501	5,344	2,942	24,215		312,317	289,155	23,162	847,786	113
5	1,849	11	2,435			6,174	1,185	163	4,826		32,850	32,569	281	64,935	114
140	60,404	111	29,328	2	288	74,444	46,011	3,028	23,378	2,027	209,798	200,724	9,074	705,872	115
50	27,341			1	104	5,316	2,220	45	3,051		7,669	5,959	1,710	50,724	116
54	20,165	23	7,894	15	1,521	33,110	2,212	834	30,064		131,030	128,841	2,189	316,657	117
189	97,545					16,881	2,222	789	5,205	8,665	150,795	148,290	2,505	350,464	118
138	51,786					10,101	468	589	9,044		55,626	48,218	7,408	156,219	119
1,253	579,154	2	332	10	1,360	92,815	44,794	4,654	43,272	95	1,506,545	1,496,638	9,907	2,797,258	120
8	3,164			2	575	635		170	465		1,277	582	695	14,213	121
635	264,766	50	15,725	31	4,537	79,201	31,883	3,522	30,531	13,265	322,957	306,484	16,473	972,203	122
1,954	1,018,634	519	135,228	206	20,380	462,784	72,108	21,502	300,741	68,433	902,588	809,697	92,891	4,103,415	123
7	2,514					722	282	56	384		4,155	4,077	78	13,224	124
531	186,243			36	7,273	63,466	600	3,172	43,199	16,495	383,220	379,565	3,655	749,412	125
		16	4,003			2,390	1,594	94	702		19,557	19,387	170	35,414	126
77	28,161			1	206	7,632	1,828	474	5,330		42,269	41,209	1,060	127,053	127
70	31,842	295	74,413	2	240	41,870	480	933	40,457		491,567	446,859	44,708	735,570	128
641	261,608	26	7,064	11	1,699	82,148	39,786	9,134	32,508	720	1,077,451	1,063,166	14,285	1,906,632	129
137	49,702	3	650			28,795	1,220	1,472	26,103		394,223	388,297	5,926	540,806	130
3	2,286					1,315	671	15	629		3,730	3,624	106	11,817	131
559	281,667	3	900			42,119	1,653	5,787	24,674	10,005	212,680	201,861	10,819	707,955	132
23	13,976	225	57,351	8	850	6,708	1,179	486	5,043		103,179	101,874	1,305	247,870	133
1,359	560,433	2	375			405,589	21,362	10,015	374,212		11,850,136	11,796,057	54,079	13,601,125	134
138	62,221	60	13,350	1	120	102,284	6,096	3,172	93,016		724,572	712,882	11,690	1,096,092	135
36	22,100					30,037	350	578	3,569	25,540	57,323	56,673	650	152,300	136
130	55,050	1	408			8,230	364	623	7,243		223,060	210,003	13,057	340,823	137
30	14,467	4	800			9,999	420	889	8,690		100,719	98,070	2,649	154,030	138
388	135,508	7	2,153			74,376	2,484	4,647	61,475	5,770	738,935	721,771	12,164	1,123,731	139
10	2,543	1	428			418	5	76	337		7,643	6,367	1,276	15,450	140
3	1,485	10	1,300			2,330	1,120	83	1,127		24,039	23,684	355	49,420	141

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
142	Taxidermy	4	$1,800			$210	$1,590	4			1	$300
143	Tinsmithing, coppersmithing, and sheet-iron working.	497	1,979,821	$199,120	$287,815	475,006	1,017,880	597	116	$72,142	1,453	575,509
144	Tobacco, chewing, smoking, and snuff	6	717,732			71,060	646,672	7	30	53,420	300	103,958
145	Tobacco, cigars and cigarettes	622	1,597,914	133,473	207,144	66,512	1,190,785	680	68	75,569	1,969	799,281
146	Tools, not elsewhere specified	8	89,450	5,300	2,600	20,700	60,850	8	6	6,250	67	29,830
147	Trunks and valises	16	1,558,855	149,915	288,158	87,922	1,032,860	10	115	133,875	1,083	287,389
148	Upholstering materials	11	204,457	16,100	41,675	80,247	66,435	10	10	10,830	128	45,054
149	Vinegar and cider	5	172,588	5,500	13,000	78,192	75,896	4	19	18,400	38	18,469
150	Watch, clock, and jewelry repairing	366	456,181	61,175	87,295	121,324	186,387	394	8	3,160	236	110,100
151	Windmills	9	614,572	22,669	95,527	78,441	417,935	10	27	27,006	198	94,883
152	Wirework, including wire rope and cable.	12	438,766	18,180	52,480	69,590	298,516	16	39	31,644	199	75,294
153	Wood, turned and carved	11	139,535	21,335	27,845	42,550	47,805	11	2	5,000	35	15,202
154	Woodenware, not elsewhere specified	2	1,773,682	301,200	539,599	102,283	830,600	1	21	26,000	1,047	363,708
155	Woolen goods	32	1,794,055	154,654	265,896	433,588	939,917	26	53	65,210	861	259,258
156	All other industries[1]	103	7,630,732	1,051,824	1,299,204	1,957,473	3,322,231	84	270	279,079	4,190	1,288,726

[1] Embraces axle grease, 1; bags, other than paper, 2; billiard tables and materials, 1; bluing, 2; boot and shoe cut stock, 1; boot and shoe findings, 1; boot and shoe uppers, 2; brass and copper, rolled, 1; carpets and rugs, other than rag, 1; cars and general shop construction and repairs by street railroad companies, 2; cheese and butter, urban dairy products, 1; china decorating, 1; chocolate and cocoa products, 1; cleansing and polishing preparations, 2; clocks, 1; clothing, men's, factory product, buttonholes, 2; coke, 1; combs, 2; cork, cutting, 1; drug grinding, 1; envelopes, 1; explosives, 1; felt goods, 1; files, 2; foundry supplies, 1; gas and lamp fixtures, 2; glass, 1; glue, 2; graphite and graphite refining, 1; ink, writing, 1; instruments, professional and scientific, 1; iron and steel, bolts, nuts, washers, and rivets, 2; iron and steel, forgings, 1; labels and tags, 1; lamps and reflectors, 2; lead, bar, pipe, and sheet, 1; linen goods, 2; liquors, vinous, 2;

TABLE 8.—MANUFACTURES IN CITIES

LA CROSSE.

1	All industries	255	$7,230,360	$1,049,415	$1,117,735	$1,259,962	$3,803,248	266	300	$310,436	3,009	$1,105,985
2	Agricultural implements	5	293,061	15,500	60,800	28,300	188,461	4	24	31,822	148	71,709
3	Bicycle and tricycle repairing	5	3,550	500	400	1,525	1,125	5			6	1,960
4	Blacksmithing and wheelwrighting	14	11,585	5,500	1,835	1,790	2,460	16			15	6,446
5	Boots and shoes, custom work and repairing.	8	1,565			655	910	8			7	2,964
6	Bread and other bakery products	10	129,242	9,200	25,700	54,634	39,708	9	14	6,171	67	15,468
7	Carriages and wagons	4	140,125	21,000	31,000	12,075	76,050	4	10	6,750	82	35,292
8	Clothing, men's, custom work and repairing.	12	31,125	2,000	3,500	1,475	24,150	17	1	1,000	60	32,455
9	Clothing, women's, dressmaking	3	800			300	500	4			15	2,600
10	Confectionery	4	107,528	4,000	22,427	9,513	71,588	3	17	14,750	147	26,264
11	Cooperage	13	25,275	5,825	3,675	4,075	11,700	14			44	21,485
12	Dyeing and cleaning	3	1,050			475	575	3			2	455
13	Flouring and grist mill products	4	285,224	12,800	39,574	94,000	138,850	3	17	26,130	45	27,349
14	Foundry and machine shop products	8	244,759	47,500	54,600	74,550	68,109	13	4	5,450	108	51,925
15	Furniture, cabinetmaking, repairing, and upholstering.	4	4,465		300	1,165	3,000	4			5	2,640
16	Furniture, factory product	3	63,200	5,600	6,000	7,300	44,300	3	2	1,320	86	30,608
17	Liquors, malt	6	1,660,367	127,200	567,280	311,208	654,679	5	50	61,258	201	91,362
18	Lock and gun smithing	3	1,725			825	900	3			4	975
19	Looking-glass and picture frames	4	5,870			1,995	3,875	4	2	1,320	9	2,490
20	Lumber and timber products	4	2,106,220	634,140	36,800	116,687	1,318,593	3	24	29,047	410	191,622
21	Lumber, planing mill products, including sash, doors, and blinds.	3	364,800	34,500	62,950	61,451	205,899	2	14	16,100	232	82,578
22	Marble and stone work	3	15,550	3,200	6,050	2,400	3,900	4	3	1,000	4	2,275
23	Millinery, custom work	3	12,100			200	11,900	8			40	9,030
24	Painting, house, sign, etc	3	6,195	100	1,330	590	4,175	3			18	8,000
25	Paving and paving materials	3	17,700	1,200	4,000	3,300	9,200	4			16	7,550
26	Photography	9	12,400	900	2,100	5,500	3,900	9			11	3,400
27	Plumbing, and gas and steam fitting	7	82,875	17,950	18,300	3,850	42,775	10	3	1,600	40	17,850
28	Printing and publishing, book and job	4	10,550			8,000	2,550	5	1	400	8	2,600
29	Printing and publishing, newspapers and periodicals.	8	112,800	12,000	15,300	60,500	25,000	9	9	5,335	107	33,511
30	Saddlery and harness	8	57,831	6,000	5,500	8,815	37,516	6	5	4,501	33	12,901
31	Tinsmithing, coppersmithing, and sheet-iron working.	9	28,525	6,700	13,700	2,925	5,200	7			29	14,361
32	Tobacco, cigars and cigarettes	13	119,418	925	3,000	4,462	111,031	13	9	11,930	133	49,067
33	Watch, clock, and jewelry repairing	12	16,675	3,000	5,000	4,425	4,250	13			12	5,360
34	All other industries[1]	48	1,256,205	72,175	126,614	370,997	686,419	48	91	84,552	862	241,433

[1] Embraces awnings, tents, and sails, 2; billiard tables and materials, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 1; boxes, cigar, 1; boxes, fancy and paper, 1; boxes, wooden packing, 1; brooms and brushes, 2; carpentering, 2; clothing, men's, factory product, 1; coffee and spice, roasting and grinding, 1; cutlery and edge tools, 1; electrical construction and repairs, 1; fur goods, 2; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; hairwork, 1; hammocks, 1; hosiery and knit goods, 2; ironwork, architectural and ornamental, 2; leather, tanned, curried, and finished, 1;

SPECIFIED INDUSTRIES: 1900—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
1	$300					$597	$488	$7	$2	$100	$545	$481	$64	$4,910	142
1,278	543,826	82	$16,464	98	$15,219	133,732	46,582	8,523	77,244	1,883	926,322	905,368	20,954	2,675,548	143
170	78,779	102	21,098	28	4,081	845,656	13,390	6,736	825,530		472,735	465,849	6,886	1,632,354	144
1,561	719,512	289	65,159	119	14,610	436,842	42,548	8,943	385,154	197	1,224,417	1,212,560	11,857	3,255,676	145
64	28,730	2	800	1	300	6,674	2,036	461	4,177		47,741	45,319	2,422	107,172	146
762	222,489	158	40,326	163	24,574	105,873	5,044	6,273	94,556		825,157	816,501	8,656	1,560,006	147
122	43,410	5	1,644			7,673	450	1,727	5,496		150,540	144,109	6,431	301,895	148
36	18,059	1	260	1	150	14,532	4,000	717	9,815		90,901	86,739	4,162	163,330	149
226	108,225	7	1,387	3	488	55,947	35,336	3,858	13,145	3,558	133,559	127,085	6,474	529,606	150
196	94,631			2	252	7,850	244	1,359	6,247		243,943	237,485	6,458	444,787	151
190	73,604	9	1,690			34,731	4,842	1,391	28,498		423,951	421,347	2,604	638,797	152
29	14,502			6	700	5,183	253	485	4,445		30,261	29,613	648	70,302	153
1,004	358,588			43	5,120	73,675	120	23,248	50,307		476,270	475,754	516	1,226,671	154
396	152,060	392	96,356	73	10,842	104,250	1,346	9,849	92,680	375	899,711	871,421	28,290	1,435,368	155
2,574	993,159	1,271	240,873	345	54,694	472,464	27,181	29,885	413,075	2,323	4,723,113	4,538,338	184,775	8,163,378	156

matches, 1; mats and matting, 1; mirrors, 1; mucilage and paste, 2; nets and seines, 2; oil, essential, 2; oil, linseed, 1; oil, not elsewhere specified, 2; pens, fountain and stylographic, 1; photographic apparatus, 2; pipes, tobacco, 1; pocketbooks, 1; printing and publishing, music, 1; printing materials, 2; rules, ivory and wood, 1; saws, 2; scales and balances, 1; screws, machine, 1; shipbuilding, iron and steel, 1; shoddy, 1; show cases, 1; slaughtering, wholesale, not including meat packing, 2; sporting goods, 2; stationery goods, not elsewhere specified, 2; steam packing, 2; stereotyping and electrotyping, 1; straw goods, not elsewhere specified, 2; tobacco, stemming and rehandling, 2; toys and games, 2; umbrellas and canes, 1; washing machines and clothes wringers, 2; window shades, 1; wool pulling, 1; worsted goods, 2; zinc, smelting and refining, 1.

BY SPECIFIED INDUSTRIES: 1900.

LA CROSSE.

2,231	$960,116	733	$140,345	45	$5,524	$864,006	$31,515	$42,412	$752,675	$37,404	$4,965,850	$4,852,452	$113,398	$8,281,749	1
148	71,709					23,684	180	2,209	19,441	1,854	219,038	213,377	5,661	368,012	2
5	1,960					964	549	42	373		4,172	4,010	162	10,850	3
15	6,446					1,433	930	126	377		6,818	6,325	493	26,575	4
7	2,964					499	409		90		2,669	2,632	37	7,925	5
38	10,963	28	4,395	1	110	5,877	730	382	4,765		72,306	70,344	1,962	127,022	6
81	34,992	1	300			6,958	270	1,088	5,600		70,883	68,897	1,986	150,876	7
60	32,455					2,560	1,486	157	917		28,325	28,185	140	92,100	8
		15	2,600			461	396		65		1,330	1,250	80	7,400	9
31	10,128	112	15,636	4	500	11,272	1,720	404	9,148		195,700	194,595	1,105	308,802	10
44	21,485					2,637	60	163	2,414		33,188	32,828	360	73,085	11
1	135	1	320			571	334	12	175		525	475	50	3,500	12
48	27,349					39,557		1,205	38,352		1,081,660	1,073,995	7,665	1,208,877	13
108	51,925					7,989	360	1,343	6,036	250	81,194	77,674	3,520	192,150	14
5	2,640					550	384	11	155		5,232	5,047	185	12,790	15
84	30,000	2	608			37,663	456	237	1,970	35,000	35,078	33,958	1,120	119,641	16
160	80,955	31	9,170	10	1,237	452,414		10,279	442,135		312,670	284,044	28,626	1,133,090	17
3	800	1	175			483	441	4	38		1,120	1,065	55	4,700	18
4	1,830	5	660			700	485	50	165		7,191	7,045	146	14,200	19
390	186,314	20	5,308			84,907		14,096	70,811		1,106,852	1,106,852		1,544,410	20
232	82,578					18,283	500	2,600	15,183		247,076	244,901	2,175	401,962	21
4	2,275					1,000	35	150	815		5,935	5,845	90	15,206	22
		40	9,030			6,157	5,690	90	377		32,393	32,393		62,300	23
18	8,000					526	125	36	365		7,905	7,810	95	20,000	24
16	7,550					413	120	53	240		12,915	12,795	120	26,000	25
7	2,575	4	825			2,970	1,728	117	1,125		4,685	4,500	185	21,000	26
40	17,850					6,659	1,044	586	5,029		67,330	66,535	795	115,814	27
7	2,400	1	200			964	552	47	365		4,768	4,618	150	12,250	28
99	31,524	4	1,562	4	425	5,523	1,255	504	3,764		35,889	33,264	2,625	137,215	29
30	12,201	3	700			2,876	732	333	1,811		62,144	61,400	744	94,806	30
29	14,361					3,577	470	92	3,015		26,597	26,192	405	51,800	31
98	43,397	13	2,920	22	2,750	31,245	1,856	353	29,036		74,292	73,905	387	191,865	32
9	4,910	3	450			2,205	1,207	110	588	300	6,827	6,763	64	22,020	33
409	155,445	449	85,486	4	502	100,429	6,961	5,533	87,935		1,111,143	1,058,933	52,210	1,703,506	34

masonry, brick and stone, 1; mattresses and spring beds, 1; mineral and soda waters, 2; monuments and tombstones, 2; paper hanging, 1; patent medicines and compounds, 1; photographic apparatus, 1; regalia and society banners and emblems, 1; rubber and elastic goods, 1; sausage, 1; sewing machine repairing, 1; ship and boat building, wooden, 1; slaughtering and meat packing, wholesale, 2; soap and candles, 1; stationery goods, not elsewhere specified, 1; surgical appliances, 1; trunks and valises, 1; woolen goods, 1.

TABLE 8.—MANUFACTURES IN CITIES

MILWAUKEE.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	3,342	$110,363,854	$15,666,499	$12,590,681	$18,063,162	$64,043,512	3,586	4,352	$4,481,829	48,328	$20,240,656
2	Agricultural implements	4	4,109,622	201,300	271,853	198,669	3,437,800	4	587	293,504	524	271,343
3	Artificial limbs	4	22,145			2,843	19,302	2	8	5,506	20	10,240
4	Awnings, tents, and sails	10	40,032	1,200	2,375	3,105	33,352	12	2	1,800	35	14,123
5	Baking and yeast powders	3	87,100			7,050	80,050	4	4	2,500	7	3,675
6	Baskets, and rattan and willow ware	4	2,878	1,200	900	118	660	5			2	656
7	Bicycle and tricycle repairing	51	47,200	700	1,250	12,300	32,950	33			46	16,523
8	Bicycles and tricycles	16	1,217,307	110,000	109,361	430,627	567,319	12	114	85,290	774	296,826
9	Blacksmithing and wheelwrighting	111	231,243	85,360	41,060	26,531	78,292	129	5	3,300	185	105,290
10	Bookbinding and blank book making	11	295,292			95,201	200,091	9	48	38,076	519	141,686
11	Boots and shoes, custom work and repairing.	205	65,544	11,145	9,730	15,123	29,546	214			92	37,439
12	Boots and shoes, factory product	18	1,261,931	43,500	147,000	289,294	782,137	11	96	83,372	1,363	442,277
13	Boxes, wooden packing	6	521,077	102,182	56,828	104,925	257,142	6	17	15,402	495	173,278
14	Brass castings and brass finishing	9	917,862	89,072	165,225	236,821	426,744	4	53	57,933	424	182,653
15	Bread and other bakery products	249	947,272	141,895	206,418	239,928	359,031	248	98	67,748	721	266,553
16	Brick and tile	3	154,711	100	34,500	19,240	100,871	1	4	3,400	110	50,779
17	Brooms and brushes	20	69,241	19,700	7,300	8,986	33,255	23	9	7,085	104	32,002
18	Carpentering	287	776,121	173,870	98,491	101,997	401,763	334	11	8,172	1,590	764,496
19	Carpets, rag	19	4,305	450	275	2,060	1,520	19			17	3,326
20	Carriages and wagons	30	601,475	174,600	101,999	101,735	223,141	38	12	11,660	258	115,573
21	Cars and general shop construction and repairs by steam railroad companies.	3	139,753	50,500	51,200	26,553	11,500		16	13,594	323	164,871
22	Cheese, butter, and condensed milk, factory product.	4	53,290	3,100	15,200	19,530	15,460	4	9	4,240	24	10,690
23	Chemicals	4	288,455			154,995	133,460	2	33	43,050	64	26,258
24	Clothing, men's, custom work and repairing.	226	544,523	19,660	13,245	34,575	477,043	257	38	28,374	703	315,180
25	Clothing, men's, factory product	76	2,341,902	26,010	66,850	73,166	2,175,876	82	172	194,647	1,659	453,078
26	Clothing, women's, dressmaking	81	81,703	250	300	12,209	68,944	83	3	3,235	335	80,153
27	Clothing, women's, factory product	6	100,525			6,400	94,125	11	19	14,150	161	49,200
28	Coffee and spice, roasting and grinding	3	212,333	18,000	22,000	23,170	149,163	2	41	34,290	35	16,106
29	Confectionery	17	464,855	27,000	45,886	105,270	286,699	13	65	60,606	510	116,074
30	Cooperage	43	476,920	108,426	80,475	34,462	253,557	48	8	6,138	421	177,184
31	Cordage and twine	3	31,565	3,000	2,870	13,310	12,385	11	4	2,600	40	7,370
32	Druggists' preparations, not including prescriptions.	3	112,064	3,000	21,000	32,861	55,203		9	5,858	13	5,672
33	Dyeing and cleaning	14	74,555	13,100	10,370	20,980	30,105	17	14	7,339	115	34,075
34	Electrical apparatus and supplies	4	688,318	600		109,772	577,946		34	34,514	367	152,460
35	Electrical construction and repairs	8	143,266	30,000	10,000	12,232	91,034	7	27	13,198	70	36,665
36	Electroplating	5	16,530			10,780	5,750	9			8	2,945
37	Enameling and enameled goods	3	1,820,363	283,350	368,000	372,990	796,023	2	39	60,660	1,061	252,742
38	Engraving, steel, including plate printing.	5	8,900			4,956	3,944	4	2	936	26	7,882
39	Fish, canning and preserving	5	2,540	1,125	550	165	700	6			1	290
40	Flavoring extracts	4	60,329			6,250	54,079	2	10	6,904	13	5,188
41	Flouring and grist mill products	7	1,385,374	158,000	197,000	245,081	785,293	5	53	69,243	267	143,209
42	Food preparations	10	187,350	11,200	9,100	28,791	138,259	7	26	14,728	50	17,116
43	Foundry and machine shop products	78	14,726,149	1,530,740	1,540,498	3,797,013	7,857,898	50	459	657,324	7,647	3,990,347
44	Fur goods	13	429,276	200	5,250	20,542	403,284	16	37	26,502	392	141,902
45	Furnishing goods, men's	3	17,379			1,189	16,190	3			12	2,782
46	Furniture, cabinetmaking, repairing, and upholstering.	41	188,752	32,000	30,100	13,047	113,605	54	9	7,964	188	86,170
47	Furniture, factory product	21	1,227,719	114,000	204,297	164,215	745,207	24	94	91,288	1,079	437,790
48	Furs, dressed	3	26,039	6,800	4,900	5,250	9,089	4	1	159	28	12,333
49	Glass, cutting, staining, and ornamenting.	4	52,146	600	300	5,078	46,168	4	3	3,685	43	19,121
50	Gloves and mittens	6	85,423	4,900	7,000	10,208	63,315	4	3	2,299	124	43,429
51	Hairwork	11	19,069			1,280	17,789	13			25	5,736
52	Hand knit goods	9	8,709	700	400	1,825	5,784	10			5	1,020
53	Hand stamps	3	32,826			13,090	19,736	3	3	6,000	37	13,216
54	Hats and caps, not including fur hats and wool hats.	6	441,878	18,000	90,400	103,758	229,720	6	40	37,649	606	171,441
55	Hosiery and knit goods	13	1,081,814	29,750	65,303	270,368	716,393	9	38	58,944	1,417	290,451
56	House furnishing goods, not elsewhere specified.	3	55,975	10,000	15,000	3,125	27,850	3	6	4,734	29	14,510
57	Iron and steel	8	4,309,973	666,983	483,392	699,707	2,459,891		67	81,222	1,590	1,040,287
58	Ironwork, architectural and ornamental.	8	524,241	61,623	44,203	123,554	294,861	9	32	32,576	397	156,058
59	Jewelry	3	11,900			2,900	9,000	4	1	1,400	28	21,930
60	Leather, tanned, curried, and finished	11	11,373,668	908,039	1,335,190	991,489	8,138,950	12	143	188,359	2,862	1,234,147
61	Liquors, malt	9	27,459,541	6,666,249	3,528,805	2,099,890	15,164,597	3	244	471,329	2,827	1,374,904
62	Lithographing and engraving	7	792,057			305,603	486,454	2	52	88,117	427	208,010
63	Lock and gun smithing	15	14,493	1,000	500	4,012	8,981	14	5	1,700	8	3,303
64	Looking-glass and picture frames	14	60,172	2,400	3,700	5,367	48,705	21	2	1,367	29	14,593
65	Lumber, planing mill products, including sash, doors, and blinds.	15	1,697,749	226,989	312,812	238,085	919,863	8	80	105,586	1,231	435,568
66	Malt	3	1,448,900	135,000	390,000	236,500	687,400		15	29,960	177	115,145

BY SPECIFIED INDUSTRIES: 1900—Continued.

MILWAUKEE.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
37,836	$18,163,139	7,501	$1,625,281	2,991	$452,236	$16,690,165	$870,027	$471,449	$14,619,855	$728,834	$65,118,719	$62,982,647	$2,136,072	$123,786,449	1
514	268,952			10	2,391	134,109	300	4,859	128,950		806,086	803,079	3,007	2,296,888	2
20	10,240					7,274	2,190	42	4,242	800	12,639	12,570	69	94,870	3
21	10,374	13	3,624	1	125	3,211	1,930	241	1,040		23,356	23,162	194	65,688	4
5	3,100	2	575			2,336	810	176	1,350		10,210	9,635	575	27,885	5
1	500			1	156	188	41	31	116		1,324	1,252	72	3,647	6
40	15,540			6	983	10,102	6,897	236	2,336	633	64,181	62,958	1,223	139,474	7
733	289,599			41	7,227	87,416	9,327	5,045	68,194	4,850	523,540	506,513	17,027	1,223,549	8
184	104,978			1	312	22,196	12,967	1,747	5,827	1,655	82,534	76,354	6,180	372,638	9
221	94,100	233	41,549	65	6,037	33,885	10,134	678	17,958	5,115	245,851	242,198	3,653	524,961	10
92	37,439					15,214	11,309	599	2,944	362	62,462	60,018	2,444	201,422	11
790	297,784	449	127,405	124	17,088	95,689	11,346	4,168	79,165	1,010	1,415,078	1,403,747	11,331	2,195,928	12
381	151,831	34	8,240	80	13,207	37,222	4,798	2,256	30,168		473,206	462,230	10,976	762,281	13
367	174,669	25	4,200	32	3,784	38,272	2,260	4,720	31,292		510,324	498,410	11,914	884,050	14
483	227,566	125	21,873	113	17,114	129,423	42,012	8,364	79,047		1,090,182	1,045,067	45,115	2,157,802	15
110	50,779					19,705	10,500	553	8,652		49,365	3,912	45,453	163,500	16
97	31,670			7	332	5,277	1,836	591	2,608	242	98,533	97,494	1,039	178,689	17
1,588	764,278			2	218	214,726	62,672	4,816	27,464	119,774	1,813,933	1,810,965	2,968	3,324,734	18
6	1,772	11	1,554			1,183	954	32	197		3,975	3,800	175	20,137	19
257	115,365			1	208	28,021	6,724	2,793	17,104	1,400	155,402	149,544	5,858	385,330	20
323	164,871					1,815		315	1,500		119,813	116,229	3,584	300,093	21
23	10,390	1	300			2,500	150	245	2,105		135,528	132,377	3,151	169,225	22
49	24,569	15	1,689			57,549	5,700	834	51,015		131,421	128,734	2,687	254,196	23
573	285,627	114	27,723	16	1,830	134,730	58,317	2,394	30,738	43,281	555,235	549,175	6,060	1,387,133	24
438	209,663	1,177	237,229	44	6,186	481,537	37,312	9,373	81,563	353,289	1,880,621	1,869,715	10,906	3,593,736	25
19	12,014	302	67,153	14	986	17,779	13,289	243	3,802	445	138,309	136,247	2,062	313,806	26
28	21,750	133	27,450			14,930	3,410	446	11,074		54,485	53,773	712	188,991	27
29	14,734	5	1,190	1	182	46,854	2,980	2,417	41,457		253,055	250,645	2,410	364,477	28
151	57,916	199	36,622	160	21,536	62,605	13,089	1,607	47,909		675,995	668,159	7,836	1,040,400	29
410	174,894			11	2,290	23,675	2,815	2,962	17,293	605	387,713	383,949	3,764	716,867	30
22	5,615	1	260	17	1,495	1,502	44	252	1,206		54,472	53,617	855	74,166	31
11	5,412			2	260	3,352	276	151	2,925		22,181	19,982	2,199	33,454	32
51	17,952	61	15,707	3	416	11,288	3,152	542	6,844	750	14,768	12,529	2,239	113,795	33
359	150,960	8	1,500			32,741	7,789	1,623	23,329		178,061	170,921	7,140	502,332	34
70	36,665					17,538	4,347	641	12,550		116,609	114,987	1,622	240,407	35
8	2,945					1,623	746	22	855		7,452	6,708	744	18,927	36
814	208,282	247	44,460			26,880	120	8,502	18,258		1,064,456	1,037,731	26,725	1,708,171	37
15	6,712	6	650	5	520	2,012	1,528	36	448		4,558	4,268	290	24,050	38
				1	290	452		13	439		16,172	15,926	246	20,667	39
10	4,668	2	385	1	135	7,130	1,590	130	5,410		53,959	53,481	478	95,621	40
266	142,975			1	234	238,261	16,500	8,675	213,086		5,804,264	5,750,658	53,606	6,357,983	41
43	15,610	7	1,506			36,225	3,036	409	32,629	151	106,923	97,915	9,008	203,909	42
7,393	3,939,493	9	3,438	245	47,416	1,295,497	34,853	53,303	1,183,220	24,121	6,619,173	6,344,899	274,274	14,495,362	43
177	83,664	213	58,016	2	222	44,849	8,451	2,294	25,407	8,697	474,971	473,411	1,560	795,872	44
4	969	7	1,709	1	104	1,280	600	14	666		11,176	11,101	75	19,500	45
168	80,707	12	4,115	8	1,348	17,954	6,818	1,025	10,013	98	137,224	134,795	2,429	348,376	46
1,041	430,963	5	1,060	33	5,767	119,928	13,078	5,116	101,734		661,582	647,715	13,867	1,485,503	47
27	12,125	1	208			1,586	60	151	1,375		5,912	4,948	964	26,565	48
42	19,031			1	90	6,090	1,780	141	4,169		57,872	56,870	1,002	98,947	49
53	23,649	65	19,006	6	774	3,062	1,195	262	1,605		178,774	177,593	1,181	252,182	50
		25	5,736			4,394	3,740	70	584		9,835	9,591	244	29,886	51
1	282	4	738			1,882	461	13	541	867	8,156	8,036	120	17,049	52
36	12,916	1	300			5,144	2,160	103	2,881		23,328	23,161	167	52,370	53
276	104,475	308	64,132	22	2,834	46,060	644	1,845	43,571		276,725	267,594	9,131	602,820	54
134	57,694	992	188,554	291	44,203	94,286	14,908	3,342	71,394	4,642	566,514	556,921	9,593	1,223,203	55
20	10,510	9	4,000			3,862	504	817	2,541		61,574	60,890	684	97,454	56
1,590	1,040,287					309,347	9,080	25,778	274,489		4,388,707	3,569,991	818,716	7,410,213	57
389	154,303			8	1,755	48,715	4,530	2,189	41,396	600	648,752	642,159	6,593	1,092,659	58
28	21,930					1,625	1,196	29	400		28,092	27,898	194	62,043	59
2,788	1,223,188	11	2,593	63	8,366	416,303	4,560	40,241	371,502		8,066,622	7,998,953	67,669	10,267,835	60
2,152	1,232,075	266	72,520	409	70,309	8,179,627	296	113,097	8,066,234		2,744,137	2,552,654	191,483	13,899,390	61
374	192,900	41	13,092	12	2,018	66,607	16,820	1,915	41,088	6,784	221,266	215,786	5,480	715,862	62
4	2,500	3	673	1	130	3,297	1,968	80	1,249		7,614	7,074	540	28,149	63
27	14,094	2	499			4,114	2,933	309	872		41,708	40,995	713	98,335	64
1,103	420,387			128	15,181	108,558	10,832	8,255	87,245	2,226	1,242,949	1,232,205	10,744	2,152,994	65
175	114,695	2	450			87,823	6,000	16,498	62,685	2,640	1,913,996	1,857,890	56,106	2,317,870	66

TABLE 8.—MANUFACTURES IN CITIES

MILWAUKEE—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
67	Marble and stone work	12	$359,488	$166,000	$18,025	$92,760	$82,703	15	12	$10,060	111	$64,363
68	Masonry, brick and stone	89	259,211	33,470	22,350	52,755	150,636	111	5	3,945	677	355,542
69	Mattresses and spring beds	8	237,380	11,500	10,800	31,180	183,900	8	27	23,225	205	70,155
70	Millinery and lace goods	4	278,823	30,300	35,000	53,125	160,398	6	18	28,347	263	95,403
71	Millinery, custom work	118	190,042	14,550	16,500	8,489	150,503	140	19	9,625	334	79,013
72	Mineral and soda waters	11	123,790	42,350	23,700	25,545	32,195	10	22	14,115	64	27,897
73	Models and patterns	6	32,830			8,705	24,125	5	8	7,750	102	24,285
74	Monuments and tombstones	18	451,886	120,600	77,295	46,254	207,737	17	25	28,750	191	99,920
75	Musical instruments and materials, not specified.	3	13,135			4,200	8,935	2			7	4,488
76	Optical goods	3	11,945			1,650	10,295	3	1	900	8	3,400
77	Painting, house, sign, etc	182	288,205	24,870	23,435	33,214	206,686	214	29	15,975	756	347,595
78	Paper hanging	15	55,536	1,000	850	4,670	49,016	21	7	2,560	98	46,854
79	Patent medicines and compounds	15	49,365	2,000	4,000	10,215	33,150	16	1	240	14	8,012
80	Paving and paving materials	9	113,400	1,500	5,200	28,700	78,000	11	11	12,046	345	162,226
81	Photography	52	84,720	2,300	2,850	44,645	34,925	59	18	7,181	83	34,716
82	Photolithographing and photoengraving.	4	22,361			11,261	11,100	3	2	1,500	51	27,445
83	Pickles, preserves, and sauces	3	31,559	10,000	5,000	7,174	9,385	1	6	5,500	14	4,268
84	Plastering and stuccowork	40	102,761	15,700	19,841	18,864	48,356	47	1	1,350	161	83,665
85	Plumbers' supplies	3	4,400			1,300	3,100	4			5	2,630
86	Plumbing, and gas and steam fitting	109	397,219	20,900	16,700	37,372	322,247	139	50	27,779	700	314,045
87	Printing and publishing, book and job	58	746,478	42,500	53,500	465,259	185,219	57	59	57,924	562	225,622
88	Printing and publishing, newspapers and periodicals.	38	1,929,762	240,000	574,367	543,606	571,789	21	225	212,984	898	488,368
89	Pumps, not including steam pumps	4	2,908	1,000	300	730	878	4			5	1,740
90	Regalia and society banners and emblems.	3	12,730			230	12,500	4			15	3,828
91	Roofing and roofing materials	9	82,095	11,300	14,100	10,825	45,870	13	1	600	51	18,776
92	Saddlery and harness	50	228,351	21,500	20,150	28,834	157,867	55	18	13,628	236	100,039
93	Sausage	7	246,050	64,800	74,500	47,050	59,700	8	11	19,002	132	49,352
94	Sewing machine repairing	6	2,440			1,230	1,210	5			2	1,686
95	Shirts	4	10,705			2,505	8,200	5	2	1,150	40	11,532
96	Slaughtering and meat packing, wholesale.	5	1,601,498	158,000	108,696	96,662	1,238,140	6	74	76,569	623	273,410
97	Soap and candles	10	644,686	111,225	84,842	91,429	357,190	7	63	85,251	170	64,906
98	Soda water apparatus	3	114,400	30,400	10,400	11,550	62,050	1	7	7,860	36	22,100
99	Steam fittings and heating apparatus	8	934,426	115,615	122,091	130,218	566,502	7	63	64,713	395	137,661
100	Surgical appliances	9	13,925			1,475	12,450	4	5	2,700	10	1,300
101	Taxidermy	3	1,780			205	1,575	3			1	800
102	Tinsmithing, coppersmithing, and sheet-iron working.	107	1,132,812	48,650	44,585	340,443	699,134	126	93	59,207	823	284,764
103	Tobacco, chewing, smoking, and snuff	4	716,972			70,660	646,312	4	30	53,420	296	102,881
104	Tobacco, cigars and cigarettes	232	446,238	46,265	61,206	28,804	309,963	239	27	27,315	647	262,714
105	Tools, not elsewhere specified	7	33,450	5,300	2,600	10,700	14,850	8	1	350	23	11,030
106	Trunks and valises	6	991,034	116,815	197,942	46,120	630,157	5	44	72,619	712	171,329
107	Watch, clock, and jewelry repairing	60	66,102	6,400	4,900	18,030	36,772	61	6	2,600	77	35,190
108	Wirework, including wire rope and cable.	7	126,514	4,700	3,250	8,944	109,620	7	23	14,044	65	17,618
109	Wood, turned and carved	5	8,155	1,000	1,200	2,750	3,205	7			3	1,502
110	All other industries[1]	98	10,468,668	1,815,421	699,845	3,220,679	4,732,723	99	314	307,929	3,551	1,259,747

[1] Embraces artificial feathers and flowers, 1; bags, other than paper, 1; blacking, 2; bluing, 2; boot and shoe cut stock, 1; boot and shoe findings, 1; boot and shoe uppers, 2; boxes, cigar, 2; boxes, fancy and paper, 2; brassware, 1; carriage and wagon materials, 2; carriages and sleds, children's, 2; cars and general shop construction and repairs by street railroad companies, 1; chocolate and cocoa products, 1; cleansing and polishing preparations, 1; clocks, 1; clothing, men's, factory product, buttonholes, 2; coffins, burial cases, and undertakers' goods, 1; cork, cutting, 1; cutlery and edge tools, 1; envelopes, 1; fancy articles, not elsewhere specified, 2; files, 1; foundry supplies, 1; gas and lamp fixtures, 2; gas, illuminating and heating, 1; gas machines and meters, 2; glass, 1; grease and tallow, 2; hammocks, 2; hardware, 2; ink, writing, 1; instruments, professional and scientific, 1; iron and steel, bolts, nuts, washers, and rivets, 2; iron and steel, forgings, 1;

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1	All industries	285	$8,018,038	$1,129,025	$838,607	$1,499,013	$4,551,393	297	278	$268,479	4,587	$1,762,410
2	Bicycle and tricycle repairing	9	12,875	4,000	1,800	3,450	3,625	12			7	2,356
3	Blacksmithing and wheelwrighting	15	15,495	5,100	2,650	2,875	4,870	16			19	9,090
4	Boots and shoes, custom work and repairing.	8	3,925	1,500	1,250	950	225	8			3	1,101
5	Bottling	3	6,650			4,250	2,400	5			3	2,300
6	Bread and other bakery products	11	27,245	6,700	12,900	4,735	2,910	11			24	8,912
7	Brooms and brushes	3	5,550	600	500	1,700	2,750	3	1	416	10	2,533
8	Carpentering	14	15,125	2,500	3,140	3,415	6,070	16			91	51,049
9	Carriages and wagons	10	547,200	66,500	126,207	53,919	300,574	13	13	13,624	258	113,922
10	Clothing, men's, custom work and repairing.	17	26,712	200	200	2,085	24,227	18	1	260	49	16,608
11	Clothing, women's, dressmaking	11	6,895	400	800	1,370	4,325	11			72	14,601
12	Confectionery	3	12,330	3,000	5,000	1,300	3,030	3			8	2,206
13	Flouring and grist mill products	3	32,400	5,500	8,000	7,500	11,400	5			14	7,668
14	Foundry and machine shop products	11	364,516	28,900	50,635	86,373	198,608	9	14	13,835	186	80,484
15	Furniture, factory product	4	784,676	38,800	78,003	93,958	573,915	2	23	36,125	630	209,307
16	Lumber and timber products	7	2,752,459	717,400	96,000	390,306	1,548,753	10	95	84,304	1,182	510,030

BY SPECIFIED INDUSTRIES: 1900—Continued.

MILWAUKEE—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
111	$64,363					$28,774	$2,363	$2,181	$17,730	$6,500	$125,741	$121,636	$4,105	$288,057	67
677	355,542					50,173	3,040	2,431	11,282	33,420	745,761	744,779	982	1,364,039	68
161	58,975	25	$7,430	19	$3,750	13,754	5,454	922	7,378		399,269	396,712	2,557	575,701	69
55	33,114	205	62,111	3	178	42,571	2,060	1,254	39,257		297,161	293,946	3,215	524,185	70
1	130	323	77,990	10	893	33,543	25,598	1,315	6,630		255,932	253,726	2,206	532,641	71
64	27,897					30,209	492	1,568	28,149		39,186	37,469	1,717	148,849	72
37	15,835	43	6,650	22	1,800	5,565	3,110	113	2,342		14,846	13,506	1,340	67,875	73
191	99,920					19,351	1,125	1,885	16,341		188,352	183,617	4,735	886,355	74
6	4,188			1	300	684	420	8	256		1,706	1,599	107	9,040	75
8	3,400					3,233	2,440	64	729		9,500	9,460	40	31,065	76
753	347,096			3	499	50,061	18,978	1,802	23,291	5,990	286,134	284,480	1,654	984,586	77
98	46,854					7,912	4,193	251	3,360	108	43,615	43,313	302	133,431	78
13	7,712	1	300			7,916	2,856	83	4,977		28,920	28,272	648	70,499	79
345	162,226					13,592	3,389	231	9,972		250,912	241,947	8,965	500,573	80
52	25,985	30	8,531	1	200	29,857	18,513	531	9,688	1,125	53,784	52,564	1,220	204,936	81
50	27,341			1	104	5,316	2,220	45	3,051		7,669	5,959	1,710	50,724	82
13	4,088			1	180	1,310	612	102	596		10,418	9,433	985	27,483	83
161	83,665					16,667	2,163	787	5,052	8,665	140,706	138,288	2,418	317,268	84
5	2,630					551	468	24	59		7,010	6,661	349	15,562	85
692	312,945	2	332	6	768	50,491	25,486	1,363	23,582	60	674,969	671,200	3,769	1,333,745	86
515	216,943	18	4,512	29	4,167	65,785	24,898	2,881	25,545	12,461	242,234	229,711	12,523	750,896	87
664	452,370	92	22,146	142	13,852	241,601	22,855	7,436	171,416	39,894	406,799	351,114	55,685	1,680,003	88
5	1,740					571	162	42	367		2,563	2,515	48	8,720	89
		15	3,828			2,085	1,594	94	397		18,652	18,487	165	33,414	90
50	18,570			1	205	6,375	1,033	357	4,985		19,836	19,191	645	76,241	91
208	93,772	19	4,960	9	1,307	18,944	9,830	1,250	7,864		329,015	325,795	3,220	548,841	92
135	48,702	3	650			28,283	740	1,460	26,083		391,203	385,477	5,726	532,806	93
2	1,686					1,107	551	2	554		2,260	2,164	96	8,773	94
5	2,412	35	9,120			1,036	725	61	250		13,735	13,565	170	42,937	95
623	273,410					193,319	19,562	5,233	168,524		5,002,144	4,974,165	27,979	5,980,340	96
112	52,276	58	12,630			94,929	5,340	2,834	86,755		635,876	626,369	9,507	967,767	97
36	22,100					30,037	350	578	3,569	25,540	57,323	56,673	650	152,300	98
388	135,508	7	2,153			74,376	2,484	4,647	61,475	5,770	733,935	721,771	12,164	1,123,731	99
		10	1,300			1,754	1,000	39	715		20,980	20,690	290	39,350	100
1	300					572	464	6	2	100	495	431	64	4,310	101
650	253,403	81	16,392	92	14,969	83,583	23,169	3,130	57,206	78	386,773	377,013	9,760	1,447,838	102
169	78,379	100	20,721	27	3,781	843,309	12,550	6,736	824,023		469,799	462,963	6,836	1,624,801	103
465	226,755	160	32,559	22	3,400	137,877	13,836	2,629	121,412		382,012	378,264	3,748	1,091,449	104
22	10,730			1	300	2,424	1,536	111	777		10,151	7,829	2,322	32,072	105
487	124,950	112	30,127	113	16,252	68,564	4,150	3,903	60,511		497,075	493,720	3,355	969,022	106
75	34,708	1	300	1	182	14,711	8,570	592	3,486	2,063	32,831	31,765	1,066	134,305	107
65	17,618					10,524	4,692	471	5,361		43,649	42,897	752	105,619	108
3	1,502					677	253	149	275		3,597	3,059	538	10,433	109
2,039	993,802	1,015	186,856	497	79,089	1,375,875	62,039	49,182	1,262,631	2,023	4,219,301	4,074,688	144,613	8,517,549	110

iron and steel, nails and spikes, cut and wrought, including wire nails, 1; kaolin and other earth grinding, 1; labels and tags, 1; lead, bar, pipe, and sheet, 1; leather goods, 2; lime and cement, 2; liquors, distilled, 1; mirrors, 1; mucilage and paste, 2; musical instruments, organs and materials, 2; oil, linseed, 1; oil, not elsewhere specified, 2; paints, 2; paper goods, not elsewhere specified, 2; perfumery and cosmetics, 2; pipes, tobacco, 1; pocketbooks, 1; pottery, terra cotta, and fire-clay products, 2; printing and publishing, music, 1; printing materials, 1; refrigerators, 2; saws, 1; screws, machine, 1; ship and boat building, wooden, 1; shoddy, 1; show cases, 1; slaughtering, wholesale, not including meat packing, 1; starch, 1; stereotyping and electrotyping, 1; tobacco, stemming and rehandling, 1; toys and games, 1; vinegar and cider, 2; window shades, 1; woodenware, not elsewhere specified, 1; woolen goods, 1; worsted goods, 2.

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3,629	$1,529,627	620	$151,926	338	$80,857	$616,564	$34,742	$48,392	$513,159	$20,271	$4,742,744	$4,695,134	$47,610	$8,781,248	1
6	2,276			1	80	833	528	61	244		4,488	4,133	355	11,735	2
17	8,906			2	184	1,678	1,164	130	384		8,376	7,768	608	30,638	3
3	1,101					649	414	27	208		2,717	2,618	99	7,782	4
3	2,300					416	96	3	317		9,612	9,362	250	14,157	5
21	8,151	2	600	1	161	2,845	1,122	204	1,519		41,067	39,491	1,576	66,498	6
5	1,432	5	1,101			138	81	8	49		4,638	4,548	90	9,929	7
91	51,049					15,485	195	78	1,369	13,843	118,337	118,297	40	200,215	8
249	111,404	9	2,519			59,722	312	3,257	56,153		292,833	288,025	4,808	547,936	9
22	10,405	27	6,203			5,098	3,540	79	1,404	75	25,182	24,742	440	59,351	10
		72	14,601			1,705	1,187	18	490	10	5,842	5,671	171	28,625	11
5	1,550	3	656			2,300	1,200	95	1,005		18,630	18,430	200	31,000	12
14	7,668					3,254	1,000	478	1,776		95,924	93,344	2,580	116,224	13
179	79,195	6	1,081	1	208	20,623	250	1,204	14,303	4,866	134,832	128,371	6,461	294,963	14
518	180,017	70	20,000	42	9,290	40,413		2,662	37,751		340,881	337,941	2,940	720,826	15
1,024	463,058	6	1,872	152	45,100	145,119		25,103	120,016		1,380,940	1,380,940		2,449,430	16

TABLE 8.—MANUFACTURES IN CITIES

OSHKOSH—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
17	Lumber, planing mill products, including sash, doors, and blinds.	5	$1,368,646	$52,800	$128,185	$193,043	$994,618	2	34	$35,430	748	$288,504
18	Marble and stone work	3	44,110	33,500	1,560	8,650	400	3			11	5,400
19	Millinery, custom work	13	23,255	2,000	2,000	430	18,825	19	3	1,480	26	5,421
20	Monuments and tombstones	4	22,125	1,000	2,000	725	18,400	5	5	2,655	9	4,850
21	Painting, house, sign, etc	14	13,175	4,100	1,700	1,790	5,585	15			51	18,469
22	Photography	8	15,150		300	9,500	5,350	9			11	3,330
23	Plumbing, and gas and steam fitting	8	34,200	10,700	10,100	3,450	9,950	7	2	1,456	25	15,181
24	Printing and publishing, book and job	6	30,067			22,000	8,067	4			31	12,003
25	Printing and publishing, newspapers and periodicals.	3	76,448			38,308	38,140	2	14	9,567	50	26,766
26	Saddlery and harness	6	13,260			1,060	12,200	7			4	2,316
27	Ship and boat building, wooden	4	39,641	4,000	4,000	19,470	12,171	5	1	468	33	15,342
28	Tinsmithing, coppersmithing, and sheet-iron working,	10	11,780	1,500	1,500	4,250	4,530	10	2	1,560	20	9,646
29	Tobacco, cigars and cigarettes	15	79,960	2,400	4,700	1,115	71,745	18	1	750	83	32,226
30	Watch, clock, and jewelry repairing	7	8,350			3,850	4,500	9			10	4,268
31	All other industries[1]	50	1,623,818	135,925	295,477	533,186	659,230	40	69	66,549	919	286,520

[1] Embraces awnings, tents, and sails, 1; bookbinding and blank book making, 1; boxes, cigar, 1; cars and general shop construction and repairs by steam railroad companies, 1; clothing, men's, factory product, 1; coffee and spice, roasting and grinding, 1; cooperage, 2; dyeing and cleaning, 1; electrical construction and repairs, 1; electroplating, 1; fruits and vegetables, canning and preserving, 1; fur goods, 1; furniture, cabinetmaking, repairing, and upholstering, 2; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; grease and tallow, 1; hairwork, 1; hardware, 1; lime and cement, 2; liquors, distilled, 1;

RACINE.

1	All industries	252	$16,753,215	$912,865	$1,849,908	$2,750,132	$11,240,310	240	876	$861,900	6,785	$2,994,100
2	Agricultural implements	9	6,913,534	288,015	542,944	931,939	5,150,636	2	415	369,836	1,472	770,041
3	Bicycle and tricycle repairing	4	10,400			3,600	6,800	5			8	2,700
4	Blacksmithing and wheelwrighting	14	13,775	3,150	3,750	2,950	3,925	20			4	2,678
5	Boots and shoes, custom work and repairing.	10	2,360	400	900	860	200	14			5	2,674
6	Boots and shoes, factory product	5	335,053	21,000	43,000	68,450	202,603		55	53,548	469	154,717
7	Bottling	3	15,650	3,000	3,000	1,050	8,600	2	1	600	4	1,790
8	Bread and other bakery products	6	32,400	4,500	15,500	7,350	5,050	8			33	13,418
9	Carpentering	6	38,850	10,250	20,500	1,600	6,500	7	1	240	41	27,445
10	Carriages and wagons	8	3,774,186	242,647	394,528	321,279	2,815,732	6	95	128,007	1,278	655,403
11	Clothing, men's, custom work and repairing.	15	36,250	2,500	4,000	1,650	28,100	16	2	2,500	50	22,770
12	Clothing, women's, dressmaking	3	6,875	1,500	3,150	1,375	850	4			16	3,900
13	Confectionery	3	6,600			3,459	3,141	3	1	400	9	2,885
14	Foundry and machine shop products	15	724,335	46,975	111,471	170,893	394,996	14	36	31,392	563	241,576
15	Hardware	3	56,372	1,550	2,700	19,504	32,618	2	8	6,520	57	14,223
16	Hardware, saddlery	4	238,532	8,000	49,500	68,612	112,420	5	15	13,068	342	125,072
17	Leather, tanned, curried, and finished	4	351,717	20,000	20,390	19,985	291,342		13	33,720	143	58,358
18	Liquors, malt	3	124,600	12,000	43,200	41,300	28,100	3	3	3,500	14	7,696
19	Lumber, planing mill products, including sash, doors, and blinds.	3	167,987	34,000	56,800	21,651	55,536	2	6	8,630	33	38,675
20	Millinery, custom work	10	41,155	5,150	6,800	905	28,300	10			41	11,416
21	Mineral and soda waters	3	19,250	1,500	1,500	6,900	9,350	4			11	4,377
22	Painting, house, sign, etc	5	3,624			1,400	2,224	6	1	840	33	20,750
23	Photography	6	18,050	4,000	4,500	5,650	3,900	6			8	3,400
24	Plumbing, and gas and steam fitting	7	35,095			3,320	31,775	8	3	1,200	38	24,324
25	Printing and publishing, book and job	3	16,200			11,975	4,225	4	1	672	21	8,500
26	Printing and publishing, newspapers and periodicals.	8	141,344	6,500	9,500	61,783	63,561	8	15	12,858	71	28,817
27	Saddlery and harness	5	11,160	2,000	1,500	860	6,800	5	1	900	4	1,741
28	Springs, steel, car and carriage	5	205,999	14,000	26,500	46,100	119,399	3	15	12,610	131	55,458
29	Tinsmithing, coppersmithing, and sheet-iron working.	7	16,600	3,250	2,250	2,950	8,150	10	3	1,720	27	14,340
30	Tobacco, cigars and cigarettes	12	22,280	1,600	2,860	790	17,030	12	1	720	46	22,408
31	Trunks and valises	5	428,296	25,600	73,366	28,952	300,378		52	45,480	228	74,388
32	Watch, clock, and jewelry repairing	7	34,640	6,500	11,500	7,800	8,840	8			17	9,860
33	All other industries[1]	51	2,910,046	143,278	394,299	883,240	1,489,229	43	133	132,939	1,518	568,300

[1] Embraces awnings, tents, and sails, 1; baskets, and rattan and willow ware, 1; bicycles and tricycles, 1; bookbinding and blank book making, 1; boxes, fancy and paper, 1; brass-ware, 1; brick and tile, 2; brooms and brushes, 1; carriage and wagon materials, 2; cleansing and polishing preparations, 1; clothing, men's, factory product, 2; clothing, women's, factory product, 1; dyeing and cleaning, 2; electrical construction and repairs, 2; electroplating, 1; fancy articles, not elsewhere specified, 1; flouring and grist mill products, 2; food preparations, 1; fur goods, 2; furniture, factory product, 2; gas, illuminating and heating, 1; grease

SHEBOYGAN.

1	All industries	206	$7,766,616	$773,550	$1,272,392	$1,531,441	$4,189,233	211	202	$249,931	5,338	$1,678,236
2	Bicycle and tricycle repairing	3	3,607	600	400	1,150	1,457	5			10	2,700
3	Blacksmithing and wheelwrighting	7	15,362	8,400	2,912	1,250	2,800	8			4	1,685
4	Boots and shoes, custom work and repairing.	11	10,555	2,600	4,450	1,030	2,475	14			6	2,173
5	Bread and other bakery products	8	21,831	7,150	6,800	3,131	4,750	8			22	8,518
6	Brick and tile	3	60,124	25,975	5,800	5,825	22,524	2	7	2,940	28	10,797

BY SPECIFIED INDUSTRIES: 1900—Continued.

OSHKOSH—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
674	$272,331	5	$1,572	69	$14,601	$87,381	$2,016	$6,863	$78,502	----------	$1,061,456	$1,060,793	$663	$1,619,836	17
11	5,400	------	------	------	------	775	------	268	507	----------	2,290	1,740	550	11,650	18
------	------	26	5,421	------	------	5,170	3,560	150	1,460	----------	34,606	34,230	376	61,500	19
9	4,850	------	------	------	------	1,394	756	118	520	----------	9,336	9,246	90	29,100	20
51	18,469	------	------	------	------	1,553	569	94	890	----------	14,533	14,328	205	49,950	21
6	2,068	5	1,262	------	------	2,233	1,330	42	821	$40	7,768	7,482	286	24,100	22
25	15,181	------	------	------	------	1,804	696	192	916	----------	48,396	48,289	107	77,443	23
27	10,809	3	1,064	1	130	2,837	1,852	115	870	----------	12,289	11,230	1,059	33,325	24
44	25,042	6	1,724	------	------	6,850	1,835	346	4,569	100	15,547	14,008	1,539	76,492	25
4	2,316	------	------	------	------	1,920	1,040	78	82	720	7,065	6,942	123	13,834	26
33	15,342	------	------	------	------	1,134	120	118	896	----------	17,913	16,995	918	56,310	27
20	9,646	------	------	------	------	1,210	741	88	381	----------	14,332	14,256	76	33,917	28
61	28,378	17	3,169	5	679	14,567	1,928	250	12,389	----------	39,628	39,282	346	112,887	29
10	4,268	------	------	------	------	1,285	860	40	385	----------	12,097	11,850	247	30,220	30
497	187,015	358	89,081	64	10,424	186,173	6,350	6,223	172,983	617	961,189	940,782	20,407	1,961,375	31

liquors, malt, 2; looking-glass and picture frames, 2; masonry, brick and stone, 2; matches, 1; mats and matting, 1; mattresses and spring beds, 1; mineral and soda waters, 2; musical instruments and materials, not specified, 1; paints, 1; patent medicines and compounds, 2; paving and paving materials, 1; pickles, preserves, and sauces, 1; roofing and roofing materials, 2; rubber and elastic goods, 1; shirts, 1; straw goods, not elsewhere specified, 1; tobacco, chewing, smoking, and snuff, 1; tools, not elsewhere specified, 1; trunks and valises, 2; vinegar and cider, 1.

RACINE.

5,531	$2,652,878	1,076	$312,060	178	$29,162	$1,004,165	$42,767	$52,919	$891,760	$16,719	$6,253,372	$6,089,773	$163,599	$12,502,796	1
1,472	770,041	------	------	------	------	369,281	4,945	21,362	336,547	6,427	1,254,625	1,221,651	32,974	3,001,009	2
8	2,700	------	------	------	------	1,258	863	5	315	75	7,555	7,359	196	14,880	3
4	2,678	------	------	------	------	1,352	870	105	377	----------	7,456	7,011	445	30,460	4
5	2,674	------	------	------	------	691	639	10	42	----------	3,791	3,690	101	11,215	5
257	99,931	198	51,750	14	3,036	20,578	1,000	1,422	18,156	----------	565,347	562,085	3,262	849,215	6
4	1,790	------	------	------	------	398	160	12	226	----------	6,954	6,807	147	13,840	7
22	10,826	11	2,592	------	------	4,538	1,756	324	2,458	----------	32,197	30,988	1,209	66,260	8
41	27,445	------	------	------	------	4,748	703	120	2,925	1,000	44,603	44,520	83	94,800	9
1,240	645,419	19	7,371	19	2,613	156,077	804	11,247	143,826	200	1,462,058	1,446,921	15,137	2,749,653	10
37	19,620	13	3,150	------	------	5,360	3,721	179	1,460	----------	31,914	31,443	471	75,700	11
------	------	16	3,900	------	------	80	20	30	30	----------	1,125	1,075	50	8,500	12
4	1,540	5	1,345	------	------	1,214	861	12	341	----------	6,641	6,430	211	17,800	13
548	239,392	------	------	15	2,184	37,623	910	2,302	31,049	3,362	458,665	427,713	30,952	849,455	14
48	13,123	4	800	5	300	5,033	1,000	140	3,893	----------	28,662	27,362	1,300	66,965	15
341	124,832	------	------	1	240	21,982	650	545	18,787	2,000	102,651	96,303	6,348	284,365	16
133	56,058	10	2,300	------	------	31,113	4,330	638	26,145	----------	426,265	417,609	8,656	576,236	17
14	7,696	------	------	------	------	33,350	120	710	32,520	----------	18,282	15,521	2,761	87,270	18
83	38,675	------	------	------	------	5,772	------	1,123	4,649	----------	63,189	61,057	2,132	123,957	19
1	582	40	10,834	------	------	3,812	2,130	184	1,498	----------	31,112	30,827	285	62,382	20
11	4,377	------	------	------	------	1,060	360	50	650	----------	5,535	5,224	311	22,916	21
33	20,750	------	------	------	------	421	96	------	325	----------	8,804	8,784	20	36,826	22
6	2,600	2	800	------	------	1,543	1,056	132	355	----------	5,937	5,537	400	22,380	23
38	24,324	------	------	------	------	3,454	2,209	45	1,200	----------	46,775	46,520	255	97,418	24
17	7,350	4	1,150	------	------	1,071	685	17	369	----------	9,115	8,764	351	22,550	25
50	21,756	21	7,061	------	------	15,576	1,550	347	10,729	2,950	30,903	28,540	2,363	120,418	26
3	1,637	1	104	------	------	502	304	65	133	----------	6,680	6,626	54	13,829	27
130	55,050	1	408	------	------	8,230	364	623	7,243	----------	223,060	210,003	13,057	340,823	28
26	14,268	1	72	------	------	1,102	796	58	248	----------	17,119	16,974	145	42,600	29
45	22,226	1	182	------	------	11,187	1,358	64	9,765	----------	37,054	36,764	290	84,594	30
199	67,921	20	4,745	9	1,722	29,710	300	1,606	27,804	----------	202,167	198,126	4,041	372,859	31
16	9,560	1	800	------	------	673	336	272	65	----------	4,115	3,635	480	21,648	32
695	336,037	708	213,196	115	19,067	225,376	7,871	9,170	207,630	705	1,103,016	1,067,904	35,112	2,319,973	33

and tallow, 1; hosiery and knit goods, 1; house furnishing goods, not elsewhere specified, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; leather goods, 1; marble and stone work, 2; mattresses and spring beds, 1; monuments and tombstones, 2; paper goods, not elsewhere specified, 1; patent medicines and compounds, 2; perfumery and cosmetics, 1; refrigerators, 1; roofing and roofing materials, 1; rubber and elastic goods, 1; ship and boat building, wooden, 1; shirts, 1; tobacco, chewing, smoking, and snuff, 1; wirework, including wire rope and cable, 1; woolen goods, 1.

SHEBOYGAN.

4,684	$1,568,642	325	$55,532	329	$54,062	$678,413	$14,262	$34,560	$609,117	$20,474	$3,995,102	$3,890,507	$104,595	$7,469,202	1
5	2,400	1	200	1	100	828	540	30	258	----------	3,278	3,046	232	8,652	2
4	1,685	------	------	------	------	470	240	127	103	----------	3,590	3,292	298	10,856	3
6	2,173	------	------	------	------	720	467	83	70	100	2,981	2,926	55	7,524	4
19	8,052	3	466	------	------	3,098	1,025	343	1,730	----------	29,428	27,621	1,807	55,855	5
28	10,797	------	------	------	------	2,118	------	533	1,585	----------	8,720	735	7,985	31,450	6

TABLE 8.—MANUFACTURES IN CITIES

SHEBOYGAN—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES AND TOWNS.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
7	Carpentering	20	$13,628	$2,225	$2,675	$5,525	$3,203	24			77	$31,755
8	Carriages and wagons	4	56,970	11,300	17,300	5,950	22,420	6	1	$300	24	10,297
9	Cheese, butter, and condensed milk, factory product.	3	2,650	50	650	900	1,050	5				
10	Clothing, men's, custom work and repairing.	14	76,684	16,000	42,004	2,680	16,000	19	1	1,000	56	20,675
11	Cooperage	4	2,850	1,500	500	350	500	4			2	805
12	Foundry and machine shop products	4	152,469	21,050	31,860	42,822	56,737	3	6	7,147	86	32,997
13	Furniture, cabinetmaking, repairing, and upholstering.	3	2,088	350	200	1,070	468	3			5	675
14	Furniture, factory product	11	3,536,462	375,337	539,347	742,488	1,879,290	1	96	129,455	3,164	942,376
15	Masonry, brick and stone	7	2,495			1,860	635	8			52	21,445
16	Millinery, custom work	9	10,100	3,100	1,000	250	5,750	11			21	1,970
17	Mineral and soda waters	3	40,568	7,700	12,675	8,505	11,688	2	2	3,000	23	5,788
18	Painting, house, sign, etc	7	24,116	6,430	7,080	2,305	8,301	9			46	17,920
19	Photography	7	33,650	15,000	11,400	5,450	1,800	11			9	1,972
20	Plumbing, and gas and steam fitting	6	16,350	1,725	2,600	925	11,100	9	2	504	23	9,309
21	Printing and publishing, newspapers and periodicals.	6	51,775	11,300	4,100	23,500	12,875	3	4	8,440	65	18,443
22	Saddlery and harness	6	12,422	2,300	4,000	1,427	4,695	7			6	2,130
23	Tinsmithing, coppersmithing, and sheet-iron working.	6	83,825	25,500	31,500	4,825	22,000	6	3	2,300	22	10,750
24	Tobacco, cigars and cigarettes	12	19,837	4,900	4,600	555	9,782	12			25	7,924
25	Watch, clock, and jewelry repairing	9	33,550	13,650	16,500	1,850	1,550	10			3	1,014
26	All other industries[1]	33	3,482,648	209,408	522,039	665,818	2,085,383	21	80	99,845	1,559	514,118

[1] Embraces artificial feathers and flowers, 1; awnings, tents, and sails, 1; bookbinding and blank book making, 2; boots and shoes, factory product, 2; boxes, cigar, 1; carpets, rag, 1; carriages and sleds, children's, 1; confectionery, 1; druggists' preparations, not including prescriptions, 1; dyeing and cleaning, 1; electrical construction and repairs, 2; enameling and enameled goods, 1; flouring and grist mill products, 1; gas, illuminating and heating, 1; hosiery and knit

SUPERIOR.

1	All industries	185	$5,882,562	$897,022	$1,742,360	$1,813,871	$1,429,309	188	148	$168,714	1,958	$925,776
2	Bicycle and tricycle repairing	5	9,460			2,550	6,910	5			7	5,270
3	Blacksmithing and wheelwrighting	10	14,859	1,350	3,000	3,980	6,529	15			12	8,470
4	Boots and shoes, custom work and repairing.	18	9,809	150	1,000	3,056	5,603	18			4	2,676
5	Bread and other bakery products	8	21,225	250	500	10,355	10,120	9			30	16,280
6	Carpentering	4	7,860	1,000	1,700	2,110	2,550	4			13	10,620
7	Clothing, men's, custom work and repairing.	16	19,810	700	2,400	2,516	14,194	18			36	23,524
8	Clothing, women's, dressmaking	7	3,260			785	2,475	8			23	6,790
9	Foundry and machine shop products	8	444,051	30,500	129,015	248,644	35,892	8	7	8,266	117	69,074
10	Fur goods	3	11,600			2,600	9,000	5			13	5,200
11	Liquors, malt	3	111,000	12,000	35,000	36,000	28,000	1	11	10,400	36	25,220
12	Looking-glass and picture frames	3	4,010			450	3,560	4			4	2,700
13	Lumber and timber products	3	531,052	47,821	55,000	143,612	284,619	5	11	9,373	207	94,734
14	Millinery, custom work	6	8,536			706	7,830	7	1	800	16	7,832
15	Painting, house, sign, etc	5	7,184			616	6,568	5			12	8,900
16	Photography	5	5,885			3,050	2,835	5			3	1,900
17	Plumbing, and gas and steam fitting	4	52,800	600	6,000	3,300	42,900	6	3	4,500	54	34,600
18	Printing and publishing, newspapers and periodicals.	12	113,879	3,400	5,800	64,200	40,479	8	10	8,050	74	57,060
19	Saddlery and harness	3	9,459			900	8,559	3			5	4,292
20	Tinsmithing, coppersmithing, and sheet-iron working.	8	42,450	7,400	16,000	5,550	13,500	11			17	12,750
21	Tobacco, cigars and cigarettes	7	19,448		300	1,150	17,998	9			45	27,847
22	Watch, clock, and jewelry repairing	10	12,397			3,325	9,072	10			7	4,732
23	All other industries[1]	37	4,423,028	791,851	1,486,645	1,274,416	870,116	24	105	127,325	1,223	495,305

[1] Embraces awnings, tents, and sails, 2; bags, other than paper, 1; bookbinding and blank book making, 1; bottling, 1; carpets, rag, 1; cars and general shop construction and repairs by steam railroad companies, 1; coke, 1; confectionery, 1; cooperage, 2; flouring and grist mill products, 1; furniture, cabinetmaking, repairing, and upholstering, 1; furniture, factory product, 1; gas, illuminating and heating, 1; hairwork, 1; lime and cement, 2; lock and gun smithing, 1; lumber,

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and towns	3,804	$93,777,701	$20,793,100	$12,772,302	$18,188,768	$42,023,531	4,138	2,682	$2,779,354	44,025	$18,048,257
2	Antigo	65	469,185	50,006	77,470	116,557	225,152	59	16	14,746	373	147,591
3	Appleton	240	4,975,397	741,292	1,203,908	1,628,750	1,401,447	273	122	139,400	2,226	951,147
4	Ashland	129	6,017,653	2,490,230	255,173	807,024	2,465,226	135	72	81,903	1,830	875,715
5	Baraboo	75	371,969	43,000	83,050	93,705	152,214	85	21	15,432	405	178,509
6	Beaverdam	57	1,181,842	86,650	194,353	300,803	600,036	64	28	35,600	707	215,526
7	Beloit	103	2,593,589	137,343	437,648	635,997	1,382,601	118	119	130,178	2,055	981,217
8	Berlin	65	458,021	72,200	58,850	84,420	242,551	70	35	23,570	376	134,514
9	Chippewa Falls	72	1,847,675	772,500	173,725	202,366	699,084	79	46	51,680	555	243,161
10	Depere	48	854,321	194,945	164,304	201,078	293,994	53	15	19,110	360	115,730
11	Eau Claire	148	4,756,338	895,041	368,534	877,305	2,615,458	157	127	137,915	1,858	726,565

BY SPECIFIED INDUSTRIES: 1900—Continued.

SHEBOYGAN—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
77	$31,755					$19,404	$36	$110	$418	$18,840	$100,039	$99,889	$150	$171,025	7
24	10,297					1,521		527	994		21,949	21,297	652	40,022	8
						187	61	40	86		5,090	5,030	60	6,067	9
49	19,240	7	$1,435			2,970	1,396	472	911	191	24,545	23,785	760	64,680	10
2	805					157	84	27	46		1,784	1,784		3,860	11
86	32,997					3,752	102	999	2,651		34,659	33,226	1,433	99,278	12
2	375			3	$300	197	160	8	29		1,612	1,572	40	6,200	13
2,774	878,238	117	21,780	273	42,358	321,387	1,300	14,287	305,800		1,480,832	1,453,816	27,016	3,189,045	14
52	21,445					340	240	34	66		31,898	31,898		58,374	15
		21	1,970			1,077	886	94	97		19,965	19,765	200	31,450	16
12	4,574	11	1,214			9,708		289	9,419		31,901	31,401	500	67,202	17
46	17,920					1,056	100	253	703		24,667	24,525	142	53,882	18
3	995	6	977			1,824	841	281	702		7,367	6,998	369	17,518	19
23	9,309					1,531	640	140	751		22,216	22,057	159	50,150	20
37	14,022	27	4,317	1	104	7,746	1,152	381	5,420	793	11,303	10,553	750	53,751	21
6	2,130					1,085	648	127	310		7,871	7,713	158	20,525	22
22	10,750					1,524	530	289	305	400	27,905	27,612	293	53,805	23
21	7,474	4	450			6,263	975	164	5,124		15,547	15,395	152	42,916	24
3	1,014					1,413	455	528	280	150	1,960	1,855	105	6,904	25
1,380	480,195	128	22,723	51	11,200	288,037	2,384	14,394	271,259		2,073,995	2,012,716	61,279	3,318,211	26

goods, 1; leather, tanned, curried, and finished, 2; lime and cement, 1; liquors, malt, 2; lock and gun smithing, 1; lumber and timber products, 1; models and patterns, 1; monuments and tombstones, 1; plumbers' supplies, 1; printing and publishing, book and job, 1; refrigerators, 1; roofing and roofing materials, 2; upholstering materials, 1.

SUPERIOR.

1,786	$868,385	140	$53,094	32	$4,297	$378,667	$36,734	$37,636	$299,789	$4,508	$5,396,730	$5,319,788	$76,942	$7,527,703	1
7	5,270					1,335	965	63	307		6,392	6,272	120	18,025	2
12	8,470					1,388	846	70	472		14,077	13,655	422	35,343	3
4	2,676					1,528	1,100	46	324	58	6,429	6,108	321	23,671	4
22	18,450	8	2,830			3,252	2,082	98	562	510	32,960	32,080	880	77,110	5
13	10,620					553	100	57	396		14,141	14,074	67	30,474	6
30	22,016	6	1,508			7,214	3,529	103	1,082	2,500	39,043	38,669	374	90,098	7
		23	6,790			1,467	1,110	18	339		10,913	10,785	128	28,591	8
117	69,074					12,163	2,744	2,389	6,530	500	100,230	95,168	5,062	218,296	9
4	2,690	9	2,510			1,320	960	24	336		13,760	13,700	60	27,090	10
36	25,220					34,366	240	766	33,360		24,415	22,130	2,285	112,840	11
4	2,700					747	530	14	203		5,648	5,613	35	12,337	12
207	94,734					21,835	1,000	6,359	14,476		345,565	345,565		559,781	13
		16	7,832			2,833	1,860	32	941		20,794	20,734	60	39,625	14
12	8,900					1,501	860	29	512	100	7,610	7,540	70	22,594	15
3	1,900					1,512	1,260	21	231		5,865	5,777	88	14,729	16
54	34,600					2,554	1,420	109	1,025		98,994	98,728	266	160,925	17
64	52,220	8	4,500	2	840	11,284	2,154	309	7,981	840	29,444	27,824	1,620	153,454	18
5	4,292					1,298	930	43	325		12,370	12,314	56	21,477	19
17	12,750					1,837	595	151	1,091		28,646	28,447	199	56,282	20
34	22,265	8	5,423	8	159	8,611	1,630	52	6,929		28,106	27,956	150	78,145	21
7	4,732					3,405	2,310	57	1,038		3,883	3,740	143	19,730	22
1,134	469,806	62	21,701	27	8,798	256,664	8,509	26,826	221,329		4,547,445	4,482,909	64,536	5,727,086	23

planing mill products, including sash, doors, and blinds, 2; marble and stone work, 2; masonry, brick and stone, 2; mattresses and spring beds, 2; mineral and soda waters, 1; paper hanging, 1; patent medicines and compounds, 1; printing and publishing, book and job, 2; roofing and roofing materials, 1; shipbuilding, iron and steel, 1; ship and boat building, wooden, 1; shirts, 1; windmills, 1.

TOWNS UNDER 20,000 IN POPULATION: 1900.

38,139	$16,896,488	4,584	$951,704	1,302	$200,065	$5,731,591	$332,277	$747,125	$4,229,255	$422,934	$53,208,679	$51,359,453	$1,849,226	$94,246,463	1
352	144,837	15	2,137	6	617	42,760	3,204	3,982	35,124	450	385,939	381,354	4,585	728,755	2
1,783	859,122	390	85,125	53	6,900	304,724	17,522	40,615	241,749	4,838	3,251,621	3,047,777	203,844	5,330,669	3
1,776	861,679	50	13,621	4	415	300,286	16,477	52,256	149,765	81,788	1,929,656	1,745,359	184,297	4,157,718	4
324	162,153	80	16,136	1	220	43,109	5,226	3,154	29,014	5,715	346,458	336,988	9,470	695,731	5
515	179,803	161	31,379	31	4,344	60,237	4,192	6,543	49,372	130	529,527	504,293	25,234	1,002,255	6
1,878	934,035	170	46,090	7	1,092	185,927	12,621	8,357	107,483	7,466	1,543,086	1,486,772	56,314	3,185,080	7
245	117,980	124	15,568	7	966	32,112	5,301	2,704	22,857	1,250	412,259	402,776	9,483	736,247	8
514	234,487	37	8,024	4	650	104,828	5,342	36,736	61,753	997	1,273,597	1,266,237	7,360	2,131,067	9
209	88,086	145	27,194	6	450	35,489	1,588	4,823	25,390	3,688	689,331	664,747	24,584	980,800	10
1,659	687,647	155	32,705	44	6,213	298,327	17,566	59,185	206,587	14,989	2,491,102	2,461,135	29,967	4,366,230	11

TABLE 9.—MANUFACTURES IN CITIES AND

	Cities and towns.	Number of establishments.	Capital.					Proprietors and firm members.	Salaried officials, clerks, etc.		Average number of wage-earners and total wages.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
12	Fond du Lac	188	$2,745,438	$299,395	$439,302	$479,354	$1,527,387	189	123	$120,886	1,834	$677,977
13	Fort Atkinson	67	663,698	110,800	132,034	100,355	320,509	73	49	45,967	392	146,511
14	Grand Rapids	66	1,260,534	184,727	309,417	368,984	397,406	60	35	34,216	503	174,641
15	Green Bay	191	3,383,717	595,965	472,493	661,155	1,654,104	227	117	112,069	1,719	702,829
16	Hudson	41	631,920	34,175	248,750	97,515	261,480	42	24	19,552	422	226,001
17	Janesville	184	2,630,833	181,196	339,536	815,106	1,294,995	211	179	129,127	1,710	685,842
18	Jefferson	66	629,658	42,570	184,534	103,568	298,986	74	24	19,010	370	129,299
19	Kaukauna	71	1,815,646	98,105	298,646	513,016	405,879	71	37	41,514	667	300,827
20	Kenosha	71	5,946,975	247,555	660,518	1,034,759	4,004,143	67	105	187,301	3,149	1,332,380
21	Madison	195	3,840,042	295,403	432,851	761,018	2,350,770	227	219	178,080	1,805	826,596
22	Manitowoc	135	2,581,869	265,434	600,316	534,652	1,181,467	161	84	79,725	1,146	427,218
23	Marinette	103	8,070,648	3,796,476	526,995	1,183,106	2,564,071	98	92	129,727	1,833	743,937
24	Marshfield	63	429,525	30,420	65,192	75,530	258,383	66	19	17,740	372	135,354
25	Menasha	57	3,439,690	412,294	970,149	621,132	1,436,115	58	48	68,477	1,575	570,019
26	Menominee	50	3,498,474	1,947,694	168,898	549,877	832,005	58	45	47,196	698	323,412
27	Merrill	69	3,520,126	1,433,611	138,580	330,873	1,617,062	75	44	67,158	1,694	667,757
28	Monroe	62	321,026	41,700	81,350	66,230	131,746	76	14	7,838	217	86,813
29	Neenah	74	2,183,170	282,483	497,502	734,384	668,801	78	43	47,256	616	278,096
30	North Milwaukee	20	1,124,214	60,400	193,096	264,539	606,179	14	65	68,441	944	356,298
31	Oconto	44	2,021,860	890,845	116,460	128,835	885,720	44	27	31,716	440	201,303
32	Portage	72	468,925	21,475	79,632	107,497	260,321	71	42	32,919	324	104,742
33	Port Washington	65	1,006,926	128,217	147,360	241,773	489,576	71	61	56,337	811	265,298
34	Reedsburg	45	411,095	42,700	80,550	89,679	198,166	56	7	7,800	207	66,871
35	Rhinelander	62	1,366,855	253,397	131,630	301,426	680,402	58	22	28,530	781	307,131
36	Ripon	73	498,531	34,520	91,766	134,433	237,812	77	32	28,276	360	122,344
37	South Milwaukee	29	1,092,523	80,100	144,635	241,426	626,362	28	31	32,714	595	318,149
38	Sparta	56	221,172	28,936	40,325	74,791	77,120	71	8	5,645	147	56,865
39	Stevens Point	107	2,197,025	412,432	296,923	582,470	905,200	114	51	49,523	979	390,800
40	Stoughton	14	713,452	19,600	102,725	89,976	501,151	13	31	28,569	263	118,711
41	Tomah	47	986,180	655,000	73,385	75,245	182,550	53	13	9,590	212	89,002
42	Tomahawk	33	172,514	11,925	39,418	80,955	40,216	29	5	5,460	180	93,271
43	Two Rivers	45	836,492	69,098	171,745	216,059	379,590	53	35	40,310	971	250,385
44	Washburn	35	1,566,855	918,298	99,000	268,748	280,809	37	11	19,500	501	260,036
45	Watertown	86	1,776,312	202,054	461,574	402,311	710,373	103	56	50,241	621	204,305
46	Waupun	42	493,590	14,269	42,950	68,023	368,348	47	22	23,650	267	87,988
47	Wausau	137	3,094,178	399,474	344,950	432,334	1,917,420	149	100	104,920	1,643	594,626
48	Wauwatosa	37	3,110,023	777,150	530,100	409,629	1,393,144	36	161	152,840	2,312	1,154,948

TOWNS UNDER 20,000 IN POPULATION: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
1,410	$605,156	370	$64,861	54	$7,960	$239,112	$16,727	$15,175	$189,372	$17,838	$1,895,233	$1,849,718	$45,515	$3,386,822	12
358	138,751	27	6,758	7	1,002	53,406	2,954	3,985	45,467	1,000	346,653	339,125	7,528	781,299	13
462	166,946	29	5,913	12	1,782	64,542	2,657	8,888	52,847	150	671,146	650,278	20,868	1,129,078	14
1,466	659,265	210	36,031	43	7,533	257,838	20,236	35,432	183,790	18,380	1,749,046	1,717,035	32,011	3,469 160	15
414	223,900	6	1,851	2	250	18,775	2,258	4,212	12,305	----------	926,230	917,497	3,733	1,261,569	16
1,278	585,607	393	96,272	39	3,963	249,911	23,850	12,625	210,110	3,326	1,980,411	1,942,208	38,203	3,670,820	17
335	121,365	53	7,712	2	222	36,970	2,991	2,792	30,937	250	513,591	497,102	16,489	828,924	18
619	288,371	45	11,830	3	626	97,158	16,117	10,782	69,059	1,200	803,552	763,309	40,243	1,424,047	19
2,527	1,194,715	347	88,315	275	49,350	360,411	7,392	23,856	329,163	----------	5,106,209	4,654,919	451,290	7,488,366	20
1,616	772,423	160	50,000	29	4,173	347,383	31,202	11,993	264,711	39,477	1,457,387	1,407,961	49,426	3,508,808	21
1,044	413,180	99	13,834	3	204	230,858	20,605	11,329	146,759	52,165	1,018,440	982,349	36,091	2,268,348	22
1,693	713,839	128	28,280	12	1,818	329,036	11,068	93,227	224,534	207	2,495,581	2,470,451	25,130	4,659,712	23
334	127,445	21	4,519	17	3,390	46,689	2,289	2,319	37,804	4,277	349,313	341,352	7,961	709,144	24
1,372	532,549	147	30,398	56	7,072	212,065	2,950	35,107	174,008	----------	1,365,592	1,279,670	85,922	2,751,270	25
655	315,209	15	2,652	28	5,551	65,637	2,732	41,806	20,749	350	977,536	954,497	23,039	1,533,139	26
1,540	634,762	28	6,911	126	26,084	130,628	3,030	36,530	88,950	2,118	2,329,566	2,324,901	4,665	4,150,272	27
189	82,062	24	4,179	4	572	58,712	5,084	1,537	46,993	5,098	200,530	192,225	8,305	455,899	28
485	248,094	123	28,794	8	1,208	67,774	3,196	14,472	50,054	52	980,158	913,108	67,050	1,642,414	29
910	349,283	----------	----------	34	7,015	64,018	1,694	3,328	47,996	11,000	1,244,288	1,218,926	25,362	1,942,777	30
419	196,397	19	4,606	2	300	79,607	1,744	34,117	40,246	3,500	1,280,541	1,278,873	1,668	1,732,887	31
182	78,637	125	24,163	17	1,942	47,560	5,215	2,557	35,488	4,300	228,802	220,144	8,658	502,234	32
735	251,672	52	10,093	24	3,533	77,098	1,698	2,250	70,420	2,730	508,080	477,514	30,566	1,037,318	33
129	49,287	77	17,514	1	70	36,151	2,438	1,862	31,776	75	248,885	240,709	8,176	430,550	34
767	303,226	14	3,905	----------	----------	57,259	4,359	12,751	39,974	175	1,103,659	1,099,528	4,131	1,855,433	35
215	93,952	132	26,496	13	1,896	36,539	4,370	2,513	29,530	126	485,101	474,000	11,101	807,087	36
583	315,031	5	1,118	7	2,000	44,783	839	2,587	41,345	12	553,088	517,407	35,681	1,028,703	37
126	53,237	21	3,628	----------	----------	12,041	4,589	1,912	5,540	----------	202,928	194,257	8,671	343,759	38
796	361,769	163	26,536	20	2,495	98,056	6,775	11,792	69,289	10,200	1,391,413	1,346,974	44,439	2,171,265	39
257	116,887	5	1,674	1	150	43,513	3,364	2,086	38,063	----------	236,825	232,803	4,022	505,715	40
210	88,617	2	385	----------	----------	30,746	1,324	6,607	22,815	----------	531,287	528,842	2,445	743,615	41
166	90,046	10	2,325	4	900	26,632	3,704	2,121	20,647	160	51,609	50,121	1,488	218,838	42
651	216,020	184	18,400	136	15,965	75,126	1,829	8,113	65,184	----------	591,406	579,418	11,988	1,177,621	43
472	253,690	17	4,010	12	2,336	70,250	2,009	23,384	44,032	825	568,657	566,617	2,040	1,165,861	44
530	191,848	70	10,377	21	2,080	112,071	5,459	7,186	95,298	4,128	949,118	913,832	35,286	1,625,982	45
170	69,534	97	18,454	----------	----------	135,502	1,828	1,890	20,760	111,024	793,504	787,158	6,346	1,200,844	46
1,467	571,828	49	8,042	127	14,756	243,537	10,148	32,605	193,304	7,480	2,238,730	2,203,330	35,400	3,658,439	47
2,302	1,152,059	10	2,889	----------	----------	216,398	2,514	3,042	210,842	----------	1,982,008	1,933,857	48,151	3,663,892	48

WYOMING.

Table 1 shows the manufacturing and mechanical industries of the state of Wyoming, as returned at the censuses of 1870 (the first census at which separate totals were published) to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1870 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.				PER CENT OF INCREASE.		
	1900	1890	1880	1870	1890 to 1900	1880 to 1890	1870 to 1880
Number of establishments	334	190	57	32	75.8	233.3	78.1
Capital	$2,411,435	$1,411,184	$364,673	$889,400	70.9	287.0	[1]59.0
Salaried officials, clerks, etc., number	98	[2]122	(3)	(3)	[1]19.7		
Salaries	$99,777	[2]$91,477	(3)	(3)	9.1		
Wage-earners, average number	2,241	1,022	391	502	119.3	161.4	[1]22.1
Total wages	$1,386,140	$787,169	$187,798	$347,578	76.1	319.2	[1]46.0
Men, 16 years and over	2,179	957	380	500	127.7	151.8	[1]24.0
Wages	$1,368,764	$767,982	(3)	(3)	78.2		
Women, 16 years and over	47	60		1	[1]21.7		
Wages	$14,280	$18,205		(3)	[1]21.6		
Children, under 16 years	15	5	11	1	200.0	[1]54.5	1,000.0
Wages	$3,096	$982	(3)	(3)	215.3		
Miscellaneous expenses	$178,532	$94,073	(4)	(4)	89.8		
Cost of materials used	$1,885,449	$1,084,432	$601,214	$280,156	73.9	80.4	114.6
Value of products, including custom work and repairing	$4,301,240	$2,367,601	$898,494	$765,424	81.7	163.5	17.4
Total population	[5]90,570	60,705	20,789	9,118	49.2	192.0	128.0
Wage-earners engaged in manufactures	2,241	1,022	391	502	119.3	161.4	[1]22.1
Per cent of total population	2.5	1.7	1.9	5.5			
Assessed value of real estate	(6)	$12,719,221	$4,485,291	$863,665		183.6	419.3
Value of land and buildings invested in manufactures[7]	$652,886	$356,090	(3)	(3)	83.3		
Per cent of assessed value		2.8					

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 5.)
[3] Not reported separately.
[4] Not reported.
[5] Exclusive of 1,961 Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[6] Figures not available.
[7] Does not include value of rented property.

The increase in the number of establishments reported in Wyoming since 1870—nearly tenfold—would seem to indicate a marked development in the manufacturing and mechanical industries of the state during the past thirty years. Wyoming, however, is chiefly a stock-raising and mining region, and the manufactures are almost entirely limited to products which are for local consumption; therefore, the increase in the number of establishments has been chiefly in the neighborhood industries, which are carried on in small shops, and the capital invested, wages paid, and value of products have not increased in the same ratio. Rich deposits of iron ore have been exploited and abundant supplies of petroleum discovered in recent years, but the lack of transportation facilities has proved a serious handicap to their rapid development, and, consequently, to the development of the manufactures which are closely allied to these industries.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for governmental establishments and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables, and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	380	$2,440,958	412	2,250	$1,391,471	$180,131	$1,897,184	$458,676	$1,332,399	$106,109	$4,324,752
Hand trades[1]	133	168,595	153	278	201,374	48,214	362,372	900	348,200	13,272	807,934
Governmental establishments	5	14,905	------	6	4,380	450	8,105	5,356	1,816	933	11,853
Establishments with a product of less than $500	41	14,618	40	3	951	1,149	3,630	121	3,509	------	11,659
All other establishments	196	2,242,840	219	1,963	1,184,766	130,318	1,523,077	452,299	978,874	91,904	3,493,306

[1] Includes bicycle and tricycle repairing, 5; blacksmithing and wheelwrighting, 30; boots and shoes, custom work and repairing, 18; carpentering, 19; clothing, men's, custom work and repairing, 17; clothing, women's, dressmaking, 3; furniture, cabinetmaking, repairing, and upholstering, 3; lock and gun smithing, 2; masonry, brick and stone, 3; millinery, custom work, 10; painting, house, sign, etc., 5; plastering and stuccowork, 2; plumbing, and gas and steam fitting, 7; taxidermy, 1; watch, clock, and jewelry repairing, 13.

Of the 380 establishments of all classes shown in this table, 179, or 47.1 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $819,593, or only 19 per cent of the total value of the products of the state.

In addition to the 380 active establishments in the state during the census year, with a capital of $2,440,958, shown in Table 2, there were 3 idle establishments with a capital of $60,850.

Table 3 presents the totals for the manufacturing industries of the cities withdrawn from the enumerators, and places them in comparison with the totals for the entire state and the state exclusive of these cities.

TABLE 3.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for state	334	$2,411,435	372	2,241	$1,386,140	$178,532	$1,885,449	$4,301,240
Total for urban manufactures	100	968,576	103	979	682,102	100,798	853,976	1,898,365
Cheyenne	71	645,105	79	589	474,111	71,546	542,428	1,254,074
Laramie	29	323,471	24	390	207,991	29,252	311,548	644,291
Total for state exclusive of urban manufactures	234	1,442,859	269	1,262	704,038	77,734	1,031,473	2,402,875
Per cent of urban manufactures to total for state	29.9	40.2	27.7	43.7	49.2	56.5	45.3	44.1

Of the 334 establishments in the state, 100, or 29.9 per cent, were located in these 2 cities. They furnished employment to 979 wage-earners, or 43.7 per cent of the total number, and the value of their products, $1,898,365, formed 44.1 per cent of the total for the state.

Table 4 shows the totals for the state by counties.

Table 5 shows the totals for the state by specified industries.

Table 6 shows the totals for all industries in the cities withdrawn from the enumerators.

TABLE 4.—MANUFACTURES

	COUNTIES, MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	334	$2,411,435	$282,341	$370,545	$974,005	$784,544	372	98	$99,777	2,241	$1,386,140
2	Albany	36	345,571	20,645	38,975	117,790	168,161	44	15	16,948	409	215,950
3	Bighorn	19	51,061	6,550	4,825	24,430	15,256	21	-------	-------	25	11,545
4	Carbon	24	117,213	22,370	15,730	42,655	36,458	28	12	9,822	299	180,497
5	Converse	13	29,700	1,790	3,435	11,175	13,300	14	1	1,800	18	10,300
6	Crook	8	41,620	17,500	1,515	11,740	10,865	8	-------	-------	13	6,160
7	Fremont	12	72,358	6,455	19,800	30,615	15,488	19	1	1,500	12	5,477
8	Johnson	12	44,325	3,950	6,225	15,550	18,600	11	1	1,200	8	4,830
9	Laramie	78	731,780	51,600	182,800	318,315	179,065	86	28	26,423	619	494,151
10	Natrona	8	117,465	40,990	11,800	25,400	39,275	10	5	8,900	37	17,443
11	Sheridan	41	379,450	49,855	30,750	215,820	83,025	49	13	11,251	407	187,469
12	Sweetwater	32	314,990	53,870	33,475	72,275	155,370	26	12	11,438	186	113,432
13	Uinta	31	103,440	4,475	13,210	42,797	42,958	34	6	7,580	146	101,239
14	Weston	20	62,462	2,291	8,005	45,443	6,723	22	4	2,915	62	37,647

TABLE 5.—MANUFACTURES BY

1	All industries	334	$2,411,435	$282,341	$370,545	$974,005	$784,544	372	98	$99,777	2,241	$1,386,140
2	Bicycle and tricycle repairing	5	2,725	-------	-------	1,625	1,100	5	-------	-------	2	1,116
3	Blacksmithing and wheelwrighting	30	34,690	4,850	5,450	7,025	17,365	33	-------	-------	21	15,118
4	Boots and shoes, custom work and repairing.	18	8,335	750	1,665	3,225	2,695	21	-------	-------	4	2,444
5	Bread and other bakery products	4	3,050	600	600	1,100	750	4	-------	-------	6	1,801
6	Brick and tile	4	6,775	-------	4,275	500	2,000	4	-------	-------	11	4,900
7	Carpentering	19	57,850	16,800	3,675	8,600	28,775	20	8	7,850	148	123,837
8	Carriages and wagons	7	22,890	4,040	3,350	3,150	12,350	9	1	1,800	18	10,260
9	Cars and general shop construction and repairs by steam railroad companies.	7	591,725	35,760	152,450	278,796	124,719	-------	28	29,374	853	623,046
10	Clothing, men's, custom work and repairing.	17	17,975	4,450	4,350	1,500	7,675	18	-------	-------	20	13,139
11	Clothing, women's, dressmaking	3	400	-------	-------	300	100	4	-------	-------	9	2,155
12	Flouring and grist mill products	10	162,675	8,775	46,800	65,600	41,500	5	8	10,240	14	11,360
13	Furniture, cabinetmaking, repairing, and upholstering.	3	1,270	270	-------	450	550	4	-------	-------	3	2,600
14	Lime and cement	5	44,100	11,450	8,300	21,200	3,150	15	2	1,500	10	4,540
15	Liquors, malt	4	86,301	9,625	25,500	26,400	24,776	3	2	2,400	19	12,300
16	Lumber and timber products	52	603,956	112,301	13,610	290,960	187,085	77	14	9,195	559	256,025
17	Lumber, planing mill products, including sash, doors, and blinds.	3	15,400	1,100	1,100	5,000	8,200	5	-------	-------	7	5,965
18	Masonry, brick and stone	3	1,525	300	200	425	600	3	-------	-------	6	4,396
19	Millinery, custom work	10	10,460	200	600	260	9,400	11	1	300	18	4,058
20	Mineral and soda waters	3	5,375	1,600	400	2,900	475	3	-------	-------	3	1,120
21	Painting, house, sign, etc	5	3,100	500	-------	600	2,000	7	3	384	17	11,584
22	Photography	5	9,150	1,050	-------	3,050	5,050	5	-------	-------	2	900
23	Plumbing, and gas and steam fitting	7	11,695	200	-------	4,950	6,545	7	1	900	20	13,712
24	Printing and publishing, newspapers and periodicals.	38	143,620	3,960	7,900	91,050	40,710	40	6	5,644	86	47,840
25	Saddlery and harness	17	72,009	7,150	12,800	5,292	46,767	18	6	7,516	31	26,968
26	Tinsmithing, coppersmithing, and sheet-iron working.	11	24,445	1,050	2,250	5,100	16,045	10	-------	-------	13	9,152
27	Tobacco, cigars and cigarettes	5	14,675	-------	-------	735	13,940	6	-------	-------	16	8,370
28	Watch, clock, and jewelry repairing	13	14,645	1,200	645	5,150	7,650	15	-------	-------	4	3,075
29	All other industries[1]	25	440,619	54,360	74,625	139,062	172,572	19	18	22,674	321	164,359

[1] Embraces awnings, tents, and sails, 1; bookbinding and blank book making, 1; brooms and brushes, 1; cheese, butter, and condensed milk, factory product, 2; coke, 1; confectionery, 2; furs, dressed, 1; gas, illuminating and heating, 1; hardware, saddlery, 2; iron and steel, 1; lard, refined, 2; lock and

TABLE 6.—MANUFACTURES IN CITIES

1	Total for cities	100	$968,576	$65,710	$192,950	$395,180	$314,736	103	39	$37,751	979	$632,102
2	Laramie	29	323,471	18,560	35,600	102,340	166,971	24	14	16,348	390	207,991
3	Cheyenne	71	645,105	47,150	157,350	292,840	147,765	79	25	21,403	589	474,111

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
2,179	$1,368,764	47	$14,280	15	$3,096	$178,532	$32,689	$21,238	$97,417	$27,188	$1,885,449	$1,833,399	$52,050	$4,301,240	1
400	213,622	4	1,056	5	1,272	30,515	4,311	2,101	22,703	1,400	330,180	306,204	23,976	697,086	2
25	11,545					1,870	378	374	918	200	23,744	23,222	522	53,330	3
296	180,072	1	325	2	100	8,607	1,625	1,242	5,740		130,803	125,241	5,562	375,581	4
18	10,300					1,068	454	335	279		25,309	24,824	485	48,850	5
13	6,160					1,158	32	726	400		20,766	20,686	80	39,935	6
12	5,477					2,723	560	612	1,551		41,033	40,537	496	68,806	7
8	4,830					2,876	695	479	1,559	143	17,764	17,411	353	39,157	8
597	486,263	21	7,680	1	208	73,355	10,730	6,524	32,401	23,700	690,692	680,824	9,868	1,443,386	9
32	15,750	5	1,693			6,882	5,680	825	377		31,438	30,922	516	102,587	10
404	186,719	1	550	2	200	14,348	3,113	4,576	6,659		257,230	254,414	2,816	692,542	11
170	110,416	11	1,700	5	1,316	22,944	8,361	1,657	16,526	1,400	153,907	150,191	3,716	372,000	12
143	100,098	3	1,141			8,618	1,107	1,252	5,914	345	117,444	114,415	3,029	255,700	13
61	37,512	1	135			3,568	643	535	2,390		45,139	44,508	631	112,280	14

SPECIFIED INDUSTRIES: 1900.

2,179	$1,368,764	47	$14,280	15	$3,096	$178,532	$32,689	$21,238	$97,417	$27,188	$1,885,449	$1,833,399	$52,050	$4,301,240	1
2	1,116					813	560	45	208		7,360	7,275	85	14,850	2
21	15,118					3,066	1,574	457	775	200	21,812	20,561	1,251	67,640	3
4	2,444					2,182	1,694	100	388		10,041	9,671	370	24,920	4
4	1,437	1	156	1	208	1,367	1,080	71	216		8,699	8,300	399	17,285	5
11	4,900					216	205		11		1,033	83	950	8,450	6
148	123,837					28,527	1,303	427	3,952	22,845	223,943	223,227	716	445,001	7
18	10,260					1,366	270	406	690		29,227	28,542	685	65,485	8
851	622,446			2	600	37,194		6,250	30,944		480,199	461,700	18,499	1,169,813	9
13	11,801	2	1,338			2,823	1,385	217	421	800	22,542	21,933	609	56,830	10
		9	2,155			310	292		18		1,195	1,120	75	6,704	11
14	11,360					5,243		1,406	3,837		158,735	157,629	1,106	215,447	12
3	2,600					510	476	10	24		3,313	3,283	30	9,600	13
10	4,540					1,287	25	387	875		3,713	1,788	1,925	35,225	14
19	12,300					18,710		900	17,810		11,748	10,798	950	52,540	15
559	256,025					6,303		4,798	1,505		297,476	297,476		831,558	16
7	5,965					744	420	124	200		11,955	11,555	400	26,010	17
6	4,396					948	240	8	100	600	17,035	17,035		26,100	18
		18	4,058			2,174	1,618	81	475		11,775	11,675	100	26,360	19
2	760			1	360	205	72	73	60		2,287	2,287		7,547	20
17	11,584					767	654	17	96		7,850	7,790	60	32,352	21
2	900					1,270	1,128	67	75		4,384	4,240	144	12,030	22
20	13,712					1,588	960	230	398		26,581	26,375	206	61,475	23
69	42,492	10	4,492	7	856	12,806	5,230	1,383	4,850	1,343	32,308	28,885	3,423	157,789	24
31	26,968					2,958	1,333	795	830		65,199	64,760	439	121,711	25
13	9,152					1,786	1,190	167	429		22,150	21,960	190	43,102	26
16	8,370					4,463	760	126	3,577		12,123	12,073	50	31,783	27
4	3,075					4,142	1,469	336	1,137	1,200	5,999	5,713	286	24,302	28
310	161,206	7	2,081	4	1,072	34,824	8,751	2,357	23,516	200	384,767	365,665	19,102	709,331	29

gun smithing, 2; oil, not elsewhere specified, 1; paving and paving materials, 1; plastering and stuccowork, 2; printing and publishing, book and job, 1; slaughtering and meat packing, wholesale, 1; slaughtering, wholesale, not including meat packing, 1; taxidermy, 1; woolen goods, 1.

UNDER 20,000 IN POPULATION: 1900.

948	$672,086	24	$8,536	7	$1,480	$100,798	$14,366	$7,742	$54,190	$24,500	$853,976	$822,272	$31,704	$1,898,365	1
380	205,663	4	1,056	6	1,272	29,252	4,311	1,908	22,233	800	311,548	287,972	23,576	644,291	2
568	466,423	20	7,480	1	208	71,546	10,055	5,834	31,957	23,700	542,428	534,300	8,128	1,254,074	3

STATES AND TERRITORIES.

COMPARATIVE SUMMARY.

TABLE 1.—COMPARATIVE SUMMARY BY

	STATES AND TERRITORIES.	Year.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.			
							Total.		Men, 16 years and over.	
					Number.	Salaries.	Average number.	Wages.	Average number.	Wages.
1	United States	1900	512,731	$9,846,628,564	397,748	$404,852,838	5,321,389	$2,330,578,010	4,121,006	$2,023,205,844
		1890	355,415	6,525,156,486	[1] 461,009	[1] 391,988,208	4,251,613	1,891,228,321	3,327,042	1,659,234,483
		1880	253,852	2,790,272,606	(2)	(2)	2,732,595	947,953,795	2,019,035	(2)
		1870	252,148	2,118,208,769	(2)	(2)	2,053,996	775,584,343	1,615,598	(2)
		1860	140,433	1,009,855,715	(2)	(2)	1,311,246	378,878,966	1,040,349	(2)
		1850	123,025	533,245,351	(2)	(2)	957,059	236,755,464	731,137	(2)
2	Alabama	1900	5,602	70,370,081	2,580	2,168,671	52,902	15,130,419	45,530	14,073,456
		1890	2,977	46,122,571	[1] 2,684	[1] 1,876,282	31,137	10,799,747	27,848	10,231,041
		1880	2,070	9,668,008	(2)	(2)	10,019	2,500,504	8,368	(2)
		1870	2,188	5,714,032	(2)	(2)	8,248	2,227,968	7,196	(2)
		1860	1,459	9,098,181	(2)	(2)	7,889	2,132,940	6,792	(2)
		1850	1,026	3,450,606	(2)	(2)	4,936	1,105,824	4,397	(2)
3	Alaska	1900	63	3,600,409	82	117,480	2,263	1,395,709	2,262	1,395,304
		1890	10	105,727	[1] 8	[1] 3,548	78	18,625	78	18,625
4	Arizona	1900	314	10,157,408	210	267,510	3,266	2,369,065	3,186	2,345,813
		1890	76	616,629	[1] 70	[1] 55,981	458	302,146	440	296,929
		1880	66	272,600	(2)	(2)	220	111,180	216	(2)
		1870	18	150,700	(2)	(2)	84	45,580	84	45,580
5	Arkansas	1900	4,794	35,960,640	1,649	1,251,096	26,501	8,686,291	25,158	8,424,011
		1890	2,073	14,971,614	[1] 1,829	[1] 1,100,702	14,143	4,649,186	13,277	4,515,560
		1880	1,202	2,953,130	(2)	(2)	4,557	925,358	4,307	(2)
		1870	1,079	1,782,913	(2)	(2)	3,206	673,963	3,077	(2)
		1860	518	1,316,610	(2)	(2)	1,877	554,240	1,831	(2)
		1850	261	305,015	(2)	(2)	842	159,876	812	(2)
6	California	1900	12,582	205,395,025	7,884	8,360,829	91,047	47,425,947	71,648	42,229,366
		1890	7,923	146,797,102	[1] 10,946	[1] 10,365,862	72,696	41,172,918	59,065	37,588,772
		1880	5,885	61,243,784	(2)	(2)	43,693	21,065,905	38,311	(2)
		1870	3,984	39,728,202	(2)	(2)	25,392	13,136,722	24,040	(2)
		1860	8,468	22,043,096	(2)	(2)	49,226	28,402,287	49,171	(2)
		1850	1,003	1,006,197	(2)	(2)	3,964	3,717,180	3,964	(2)
7	Colorado	1900	3,570	62,825,472	2,052	2,272,480	24,725	15,146,667	22,588	14,425,442
		1890	1,518	26,651,840	[1] 2,051	[1] 2,413,329	15,016	9,872,405	13,521	9,309,281
		1880	599	4,311,714	(2)	(2)	5,074	2,314,427	4,652	(2)
		1870	256	2,835,605	(2)	(2)	876	528,221	874	(2)
8	Connecticut	1900	9,128	314,696,736	9,981	12,286,050	176,694	82,767,725	130,610	69,227,497
		1890	6,822	227,004,496	[1] 9,425	[1] 9,525,289	140,514	66,465,317	101,318	55,223,273
		1880	4,488	120,480,275	(2)	(2)	112,915	43,501,518	75,619	(2)
		1870	5,128	95,281,278	(2)	(2)	89,523	38,987,187	61,684	(2)
		1860	3,019	45,590,430	(2)	(2)	64,469	19,026,196	44,002	(2)
		1850	3,737	25,876,648	(2)	(2)	50,731	12,435,984	34,248	(2)
9	Dakota	1900	(5)							
		1890	(5)							
		1880	251	771,428	(2)	(2)	868	339,375	854	(2)
		1870	17	79,200	(2)	(2)	91	21,106	89	(2)
10	Delaware	1900	1,417	41,203,239	1,327	1,422,831	22,203	9,259,661	17,765	8,374,023
		1890	1,003	33,695,400	[1] 1,427	[1] 1,261,912	20,479	8,630,475	16,219	8,002,849
		1880	746	15,655,822	(2)	(2)	12,638	4,267,349	10,250	(2)
		1870	800	10,839,093	(2)	(2)	9,710	3,692,195	7,705	(2)
		1860	615	5,452,887	(2)	(2)	6,421	1,905,754	5,465	(2)
		1850	531	2,978,945	(2)	(2)	3,888	936,924	3,237	(2)
11	District of Columbia	1900	2,754	41,981,245	2,083	1,833,437	24,693	14,643,714	20,415	12,449,136
		1890	2,295	28,865,089	[1] 2,998	[1] 2,358,122	20,406	12,264,142	17,114	10,724,792
		1880	971	5,552,526	(2)	(2)	7,146	3,924,612	5,496	(2)
		1870	952	5,021,925	(2)	(2)	4,685	2,007,600	4,333	(2)
		1860	429	2,905,865	(2)	(2)	3,148	1,139,154	2,653	(2)
		1850	403	1,001,575	(2)	(2)	2,570	757,584	2,034	(2)
12	Florida	1900	2,056	33,107,477	1,778	1,295,139	34,230	10,683,038	32,188	10,181,990
		1890	805	11,110,304	[1] 808	[1] 594,454	13,119	5,918,614	11,539	5,462,984
		1880	426	3,210,680	(2)	(2)	5,504	1,270,875	4,564	(2)
		1870	659	1,679,930	(2)	(2)	2,749	989,592	2,670	(2)
		1860	185	1,874,125	(2)	(2)	2,454	619,840	2,297	(2)
		1850	108	547,060	(2)	(2)	991	199,452	876	(2)
13	Georgia	1900	7,504	89,789,656	4,203	3,354,946	83,842	20,290,071	66,540	17,582,519
		1890	4,285	56,921,580	[1] 4,085	[1] 2,688,200	52,298	14,623,996	42,779	12,976,291
		1880	3,593	20,672,410	(2)	(2)	24,875	5,266,152	18,937	(2)
		1870	3,836	13,930,125	(2)	(2)	17,871	4,844,508	15,078	(2)
		1860	1,890	10,890,875	(2)	(2)	11,575	2,925,148	9,492	(2)
		1850	1,522	5,456,483	(2)	(2)	8,368	1,709,664	6,650	(2)
14	Hawaii	1900	395	11,541,655	574	622,564	4,587	1,886,756	4,396	1,856,336
15	Idaho	1900	591	2,941,524	97	70,786	1,477	862,088	1,395	841,755
		1890	140	1,048,916	[1] 107	[1] 68,295	667	255,907	629	250,262
		1880	162	677,215	(2)	(2)	388	136,326	374	(2)
		1870	101	742,300	(2)	(2)	265	112,372	264	(2)
16	Illinois	1900	38,360	776,829,598	44,342	43,337,464	395,110	191,510,962	325,713	172,659,499
		1890	20,482	502,004,512	[1] 31,980	[1] 28,650,314	280,218	142,873,265	241,882	132,596,470
		1880	14,549	140,652,066	(2)	(2)	144,727	57,429,085	120,558	(2)
		1870	12,597	94,368,057	(2)	(2)	82,979	31,100,244	73,045	(2)
		1860	4,268	27,548,563	(2)	(2)	22,968	7,637,921	22,489	(2)
		1850	3,162	6,217,765	(2)	(2)	11,559	3,204,336	11,066	(2)

[1] Includes proprietors and firm members, with their salaries; not included for 1900 in this table.
[2] Not reported separately.
[3] Not reported.

STATES AND TERRITORIES: 1850 TO 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.								WAGE-EARNERS ENGAGED IN MANUFACTURES.			VALUE OF LAND AND BUILDINGS INVESTED IN MANUFACTURES.		
Women, 16 years and over.		Children, under 16 years.		Miscellaneous expenses.	Cost of materials used.	Value of products.	Total population.	Number.	Per cent of total population.	Assessed value of real estate.	Amount.	Per cent of assessed value.	
Average number.	Wages.	Average number.	Wages.										
1,031,760	$281,704,746	168,623	$25,667,420	$1,028,908,911	$7,360,993,418	$13,039,279,566	74,803,609						1
803,686	215,367,976	120,885	16,625,862	631,225,035	5,162,044,076	9,372,437,283	62,347,203						
531,639	(2)	181,921	(2)	(3)	3,396,823,549	5,369,579,191	49,995,778						
323,770	(2)	114,628	(2)	(3)	2,488,427,242	4,232,325,442	38,456,839						
270,897	(2)			(3)	1,031,605,092	1,885,861,676	31,303,834						
225,922	(2)			(3)	555,123,822	1,019,106,616	23,130,329						
3,898	704,099	3,474	352,864	3,828,402	44,098,671	80,741,449	1,828,697	52,902	2.9	$158,390,273	$24,978,473	15.8	2
1,864	416,610	1,425	152,096	2,797,896	28,432,281	51,226,605	1,513,017	31,137	2.1	154,706,484	12,709,521	8.2	
842	(2)	809	(2)	(3)	8,545,520	13,565,504	1,262,505	10,019	0.8	77,374,008	(2)		
664	(2)	388	(2)	(3)	7,592,837	13,040,644	996,992	8,248	0.8	117,223,043	(2)		
1,097	(2)			(3)	5,489,963	10,588,566	964,201	7,889	0.8	155,034,089	(2)		
539	(2)			(3)	2,224,960	4,528,876	771,623	4,936	0.6	78,870,718	(2)		
1	405			170,334	1,785,776	4,250,984							3
				5,252	30,198	58,440							
42	15,394	38	7,858	433,272	8,464,410	21,315,189							4
9	4,435	9	782	49,231	353,814	947,547							
2	(2)	2	(2)	(3)	380,023	618,365							
				(3)	110,090	185,410							
700	159,820	643	102,460	1,482,779	23,963,768	45,197,731	1,311,564	26,501	2.0	128,084,667	11,845,887	9.2	5
463	92,383	403	41,243	1,035,107	12,397,261	22,659,179	1,128,179	14,143	1.3	109,417,158	4,490,567	4.1	
90	(2)	160	(2)	(3)	4,392,080	6,756,159	802,525	4,557	0.6	55,760,388	(2)		
47	(2)	82	(2)	(3)	2,536,998	4,629,234	484,471	3,206	0.7	63,102,304	(2)		
46	(2)			(3)	1,280,503	2,880,578	435,450	1,877	0.4	63,254,740	(2)		
30	(2)			(3)	215,789	537,908	209,897	842	0.4	17,372,524	(2)		
17,285	4,814,498	2,114	382,083	16,190,282	188,125,602	302,874,761	[4]1,482,179	91,047	6.1	942,353,309	57,297,801	6.1	6
11,774	3,289,042	1,857	295,104	12,984,191	120,243,683	213,403,996	1,208,130	72,696	6.0	891,449,172	37,250,821	4.2	
3,922	(2)	1,460	(2)	(3)	72,607,709	116,218,973	864,694	43,693	5.1	466,273,585	(2)		
873	(2)	479	(2)	(3)	35,351,193	66,594,556	560,247	25,392	4.5	176,527,160	(2)		
55	(2)			(3)	27,051,674	68,253,228	379,994	49,226	13.0	66,906,631	(2)		
				(3)	1,201,154	12,862,522	92,597	3,964	4.3	16,347,442	(2)		
1,894	671,539	243	49,686	4,169,635	66,886,016	102,830,137	[4]538,555	24,725	4.6	172,860,636	21,773,742	12.6	7
1,223	512,263	272	50,861	1,948,025	20,848,516	42,480,205	412,198	15,016	3.6	155,383,090	6,694,201	4.3	
266	(2)	156	(2)	(3)	8,806,762	14,260,159	194,327	5,074	2.6	35,604,197	(2)		
2	(2)			(3)	1,593,280	2,852,820	39,864	876	2.2	8,840,811	(2)		
42,605	12,873,190	3,479	667,038	23,089,806	185,641,219	352,824,106	908,420	176,694	19.5	486,787,973	66,872,050	13.7	8
36,111	10,697,893	3,085	544,151	15,399,101	123,183,080	248,336,364	746,258	140,514	18.8	261,451,666	49,277,118	18.8	
28,851	(2)	8,445	(2)	(3)	102,183,341	185,697,211	622,700	112,915	18.1	228,791,267	(2)		
20,810	(2)	7,029	(2)	(3)	86,419,579	161,065,474	537,454	89,523	16.7	204,110,509	(2)		
20,467	(2)			(3)	40,909,090	81,924,555	460,147	64,469	14.0	191,478,842	(2)		
16,483	(2)			(3)	23,608,971	47,114,585	370,792	50,731	13.7	96,412,947	(2)		
													9
8	(2)	5	(2)	(3)	1,523,761	2,373,970	135,177	868		13,333,918	(2)		
		2	(2)	(3)	105,997	178,570	14,181	91		1,695,723	(2)		
3,579	754,726	859	130,912	2,155,948	26,652,601	45,387,630	184,735	22,203	12.0	77,632,079	10,808,454	13.9	10
2,890	476,344	1,370	151,282	1,851,575	21,161,752	37,571,848	168,493	20,479	12.2	63,346,513	8,889,319	14.0	
1,426	(2)	962	(2)	(3)	12,828,461	20,514,438	146,608	12,638	8.6	50,302,739	(2)		
1,199	(2)	806	(2)	(3)	10,206,397	16,791,382	125,015	9,710	7.8	48,744,783	(2)		
956	(2)			(3)	6,028,918	9,892,902	112,216	6,421	5.7	26,273,803	(2)		
651	(2)			(3)	2,864,607	4,649,296	91,532	3,888	4.2	14,486,595	(2)		
4,162	2,176,195	116	18,383	4,433,652	19,369,571	47,667,622	278,718	24,693	8.9	176,567,549	14,931,307	8.5	11
3,159	1,516,240	133	23,110	1,589,869	17,194,666	39,331,437	230,392	20,406	8.9	141,609,891	10,835,034	7.7	
1,389	(2)	261	(2)	(3)	5,365,400	11,882,316	177,624	7,146	4.0	87,980,356	(2)		
216	(2)	136	(2)	(3)	4,754,883	9,292,173	131,700	4,685	3.6	71,437,468	(2)		
495	(2)			(3)	2,884,185	5,412,102	75,080	3,148	4.2	33,097,542	(2)		
536	(2)			(3)	1,405,871	2,690,258	51,687	2,570	5.0	14,409,413	(2)		
1,668	455,906	374	45,142	2,363,626	15,637,520	36,810,243	528,542	34,230	6.5	79,688,902	13,687,841	17.2	12
1,312	424,555	268	31,075	1,131,067	8,021,854	18,222,890	391,422	13,119	3.4	60,596,574	3,514,648	5.8	
558	(2)	382	(2)	(3)	3,040,119	5,546,448	269,493	5,504	2.0	18,885,151	(2)		
20	(2)	59	(2)	(3)	2,330,873	4,685,403	187,748	2,749	1.5	20,197,691	(2)		
157	(2)			(3)	874,506	2,447,969	140,424	2,454	1.7	21,722,810	(2)		
115	(2)			(3)	220,611	668,335	87,445	991	1.1	7,924,588	(2)		
10,929	2,015,852	6,373	691,700	5,321,330	58,232,202	106,654,527	2,216,331	83,842	3.8	434,336,134	24,283,038	5.6	13
5,998	1,298,806	3,521	348,899	4,019,539	35,774,480	68,917,020	1,837,353	52,298	2.8	225,054,915	17,106,773	7.6	
3,619	(2)	2,319	(2)	(3)	24,143,939	36,440,948	1,542,180	24,875	1.6	139,983,941	(2)		
1,498	(2)	1,295	(2)	(3)	18,583,731	31,196,115	1,184,109	17,871	1.5	143,948,216	(2)		
2,083	(2)			(3)	9,986,532	16,925,564	1,057,286	11,575	1.1	179,801,441	(2)		
1,718	(2)			(3)	3,404,917	7,082,075	906,185	8,368	0.9	121,619,739	(2)		
151	24,692	40	5,728	873,300	12,848,663	24,992,068							14
59	18,160	23	2,173	142,596	2,055,368	4,020,532	[4]159,147	1,477	0.9	(6)	958,991		15
21	3,835	17	1,810	69,586	638,673	1,396,096	84,385	667	0.8	9,977,463	226,668	2.3	
8	(2)	6	(2)	(3)	844,874	1,271,317	32,610	388	1.2	2,297,526	(2)		
		1	(2)	(3)	691,785	1,047,624	14,999	265	1.8	1,926,565	(2)		
58,978	16,964,974	10,419	1,886,489	130,876,318	739,754,414	1,259,730,168	4,821,550	395,110	8.2	809,733,405	195,616,265	24.2	16
32,910	9,492,151	5,426	784,644	79,515,193	529,019,089	908,640,280	3,826,351	280,218	7.3	587,442,289	130,740,527	22.3	
15,233	(2)	8,936	(2)	(3)	289,843,907	414,864,673	3,077,871	144,727	4.7	575,441,053	(2)		
6,717	(2)	3,217	(2)	(3)	127,600,077	205,620,672	2,539,891	82,979	3.3	348,433,906	(2)		
479	(2)			(3)	35,558,782	57,580,886	1,711,951	22,968	1.3	287,219,940	(2)		
493	(2)			(3)	8,959,327	16,534,272	851,470	11,559	1.4	81,524,835	(2)		

[4] Exclusive of Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[5] See North and South Dakota.
[6] Figures not available.

TABLE 1.—COMPARATIVE SUMMARY BY

	STATES AND TERRITORIES.	Year.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.			
							Total.		Men, 16 years and over.	
					Number.	Salaries.	Average number.	Wages.	Average number.	Wages.
17	Indiana	1900	18,015	$234,481,528	11,282	$10,526,293	155,956	$66,847,317	133,009	$62,054,517
		1890	12,354	131,605,366	[1]13,759	[1]9,172,718	110,590	42,577,258	94,960	39,730,049
		1880	11,198	65,742,962	(2)	(2)	69,508	21,960,888	62,072	(2)
		1870	11,847	52,052,425	(2)	(2)	58,852	18,366,780	54,412	(2)
		1860	5,323	18,451,121	(2)	(2)	21,295	6,318,335	20,563	(2)
		1850	4,392	7,750,402	(2)	(2)	14,440	3,728,844	13,748	(2)
18	Indian Territory	1900	789	2,624,265	135	86,067	1,714	553,899	1,625	534,798
		1890	20	204,329	[1]8	[1]6,608	167	73,222	157	71,864
19	Iowa	1900	14,819	102,733,103	5,664	4,486,117	58,553	23,931,680	48,417	21,893,983
		1890	7,440	77,513,097	[1]8,137	[1]5,449,377	51,037	20,429,620	44,210	19,232,655
		1880	6,921	33,987,886	(2)	(2)	28,372	9,725,962	25,382	(2)
		1870	6,566	22,420,183	(2)	(2)	25,032	6,893,292	23,395	(2)
		1860	1,939	7,247,130	(2)	(2)	6,307	1,922,417	6,142	(2)
		1850	522	1,292,875	(2)	(2)	1,707	473,016	1,687	(2)
20	Kansas	1900	7,830	66,827,362	3,860	3,256,086	35,193	16,317,689	31,171	15,444,390
		1890	4,471	43,926,002	[1]4,606	[1]3,040,310	28,237	13,288,175	24,846	12,727,955
		1880	2,803	11,192,315	(2)	(2)	12,062	3,995,010	11,139	(2)
		1870	1,477	4,319,060	(2)	(2)	6,844	2,377,511	6,599	(2)
		1860	344	1,084,935	(2)	(2)	1,735	880,346	1,700	(2)
21	Kentucky	1900	9,560	104,070,791	5,079	4,687,441	62,962	22,434,185	51,101	20,216,990
		1890	7,745	79,811,980	[1]9,021	[1]6,434,915	56,558	21,326,831	46,015	19,212,477
		1880	5,328	45,813,039	(2)	(2)	37,391	11,657,844	30,949	(2)
		1870	5,390	29,277,809	(2)	(2)	30,636	9,444,524	27,687	(2)
		1860	3,450	20,256,579	(2)	(2)	21,258	6,020,082	19,587	(2)
		1850	3,609	11,810,462	(2)	(2)	21,476	5,106,048	19,576	(2)
22	Louisiana	1900	4,350	113,084,294	3,944	3,090,185	42,210	15,385,715	35,531	14,122,777
		1890	2,613	34,754,121	[1]3,524	[1]3,036,995	28,377	10,122,569	20,967	8,868,867
		1880	1,553	11,462,468	(2)	(2)	12,167	4,360,371	10,171	(2)
		1870	2,557	18,313,974	(2)	(2)	30,071	4,593,470	23,637	(2)
		1860	1,744	7,151,172	(2)	(2)	8,789	3,683,679	7,873	(2)
		1850	1,008	5,032,424	(2)	(2)	6,217	2,033,928	5,458	(2)
23	Maine	1900	6,702	122,918,826	3,329	3,171,433	74,816	28,527,849	53,701	23,384,835
		1890	5,010	80,419,809	[1]5,406	[1]3,563,635	70,374	22,962,582	46,881	17,827,273
		1880	4,481	49,988,171	(2)	(2)	52,954	13,623,318	35,431	(2)
		1870	5,550	39,796,190	(2)	(2)	49,180	14,282,205	34,310	(2)
		1860	3,810	22,044,020	(2)	(2)	34,619	8,368,691	24,827	(2)
		1850	3,974	14,699,152	(2)	(2)	28,020	7,485,588	21,853	(2)
24	Maryland	1900	9,879	163,147,260	7,585	7,380,263	108,325	38,748,551	72,824	31,872,361
		1890	7,485	119,667,316	[1]9,246	[1]7,085,418	97,808	34,441,414	67,261	29,049,820
		1880	6,787	58,742,384	(2)	(2)	74,945	18,904,965	46,698	(2)
		1870	5,812	36,438,729	(2)	(2)	44,860	12,682,817	34,061	(2)
		1860	3,083	23,230,608	(2)	(2)	28,403	7,190,672	21,630	(2)
		1850	3,725	14,934,450	(2)	(2)	30,212	7,403,832	22,729	(2)
25	Massachusetts	1900	29,180	823,264,287	27,860	31,257,630	497,448	228,240,442	341,783	180,155,824
		1890	26,923	630,032,341	[1]37,912	[1]33,826,172	447,270	205,844,337	305,151	163,726,542
		1880	14,352	303,806,185	(2)	(2)	352,255	128,315,362	228,834	(2)
		1870	13,212	231,677,862	(2)	(2)	279,380	118,051,886	179,032	(2)
		1860	8,176	132,792,327	(2)	(2)	217,421	56,960,913	146,268	(2)
		1850	8,852	88,940,292	(2)	(2)	177,461	41,954,736	107,784	(2)
26	Michigan	1900	16,807	284,097,133	13,858	12,562,855	162,355	66,467,867	136,627	60,835,081
		1890	12,127	262,412,240	[1]15,267	[1]11,364,892	148,674	54,982,906	133,176	51,932,652
		1880	8,873	92,930,959	(2)	(2)	77,591	25,313,682	68,445	(2)
		1870	9,455	71,712,283	(2)	(2)	63,694	21,205,355	58,347	(2)
		1860	3,448	23,808,226	(2)	(2)	23,190	6,735,047	22,144	(2)
		1850	2,033	6,563,660	(2)	(2)	9,344	2,717,124	8,990	(2)
27	Minnesota	1900	11,114	165,832,246	7,319	6,554,424	77,234	35,484,825	66,889	32,905,947
		1890	7,505	127,686,618	[1]9,839	[1]7,818,116	69,790	30,371,123	63,522	28,689,508
		1880	3,493	31,004,811	(2)	(2)	21,247	8,613,094	18,937	(2)
		1870	2,270	11,993,729	(2)	(2)	11,290	4,052,837	10,892	(2)
		1860	562	2,388,310	(2)	(2)	2,123	712,214	2,104	(2)
		1850	5	94,000	(2)	(2)	63	18,540	63	(2)
28	Mississippi	1900	4,772	35,807,419	1,569	1,167,020	26,418	7,471,886	23,643	7,035,534
		1890	1,698	14,896,884	[1]1,352	[1]722,109	14,465	4,191,754	12,320	3,838,250
		1880	1,479	4,727,600	(2)	(2)	5,827	1,192,645	4,887	(2)
		1870	1,731	4,501,714	(2)	(2)	5,941	1,547,428	5,500	(2)
		1860	976	4,384,492	(2)	(2)	4,775	1,618,320	4,572	(2)
		1850	947	1,815,820	(2)	(2)	3,154	771,528	3,046	(2)
29	Missouri	1900	18,754	249,888,581	13,900	14,569,606	134,975	60,719,428	106,782	53,921,296
		1890	14,052	189,558,546	[1]18,936	[1]16,773,985	124,203	59,643,429	102,418	54,527,944
		1880	8,592	72,507,844	(2)	(2)	63,995	24,309,716	54,200	(2)
		1870	11,871	80,257,244	(2)	(2)	65,354	31,055,445	55,904	(2)
		1860	3,157	20,034,220	(2)	(2)	19,681	6,669,916	18,628	(2)
		1850	2,923	8,576,607	(2)	(2)	15,808	4,692,648	14,880	(2)
30	Montana	1900	1,080	40,945,846	563	837,971	10,117	7,969,886	9,718	7,839,261
		1890	289	4,293,794	[1]310	[1]295,800	2,386	1,652,413	2,300	1,605,996
		1880	196	899,390	(2)	(2)	578	318,759	574	(2)
		1870	201	1,794,300	(2)	(2)	701	370,843	697	(2)
31	Nebraska	1900	5,414	71,982,127	2,657	2,325,038	24,461	11,570,688	21,059	10,749,706
		1890	3,014	37,569,508	[1]3,426	[1]2,713,093	20,450	10,271,478	18,263	9,807,631
		1880	1,403	4,881,150	(2)	(2)	4,793	1,742,311	4,464	(2)
		1870	670	2,169,963	(2)	(2)	2,665	1,429,918	2,558	(2)
		1860	107	266,575	(2)	(2)	336	105,332	334	(2)

[1] Includes proprietors and firm members, with their salaries; not included for 1900 in this table.
[2] Not reported separately.

STATES AND TERRITORIES: 1850 TO 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.								WAGE-EARNERS ENGAGED IN MANUFACTURES.			VALUE OF LAND AND BUILDINGS INVESTED IN MANUFACTURES.		
Women, 16 years and over.		Children, under 16 years.		Miscellaneous expenses.	Cost of materials used.	Value of products.	Total population.	Number.	Per cent of total population.	Assessed value of real estate.	Amount.	Per cent of assessed value.	
Average number.	Wages.	Average number.	Wages.										
19,266	$4,181,375	3,681	$611,425	$33,052,160	$214,961,610	$378,120,140	2,516,462	155,956	6.2	$534,253,163	$58,046,838	10.9	17
12,315	2,438,287	3,315	408,922	16,500,903	130,119,106	226,825,082	2,192,404	110,590	5.0	554,900,734	31,579,846	5.7	
3,615	(2)	3,821	(2)	(3)	100,262,917	148,006,411	1,978,301	69,508	3.5	538,683,239	(2)	----	
2,272	(2)	2,168	(2)	(3)	63,135,492	108,617,278	1,680,637	58,852	3.5	460,120,974	(2)	----	
732	(2)	----	----	(3)	27,142,597	42,803,469	1,350,428	21,295	1.6	291,829,992	(2)	----	
692	(2)	----	----	(3)	10,369,700	18,725,423	988,416	14,440	1.5	112,947,740	(2)	----	
73	17,299	16	1,802	163,174	2,225,730	3,892,181	----	----	----	----	----	----	18
3	784	7	574	11,590	127,864	248,932	----	----	----	----	----	----	
8,248	1,766,858	1,888	270,839	7,988,767	101,170,357	164,617,877	[4]2,231,468	58,553	2.6	440,769,952	30,255,515	6.9	19
5,183	999,806	1,644	197,159	5,732,206	79,292,407	125,049,183	1,911,896	51,037	2.7	370,921,446	21,697,899	5.8	
1,431	(2)	1,559	(2)	(3)	48,704,311	71,045,926	1,624,615	28,372	1.7	297,254,342	(2)	----	
951	(2)	686	(2)	(3)	27,682,096	46,534,322	1,194,020	25,032	2.1	226,610,638	(2)	----	
165	(2)	----	----	(3)	8,612,259	13,971,325	674,913	6,307	0.9	149,433,423	(2)	----	
20	(2)	----	----	(3)	2,356,881	3,551,783	192,214	1,707	0.9	15,672,332	(2)	----	
3,162	743,886	860	129,413	5,241,450	129,485,320	172,129,398	[4]1,468,469	35,193	2.4	224,905,237	21,186,733	9.4	20
2,510	484,521	881	75,699	5,853,466	78,845,167	110,219,805	1,427,096	28,237	2.0	241,100,071	13,450,853	5.6	
392	(2)	531	(2)	(3)	21,453,141	30,843,777	996,096	12,062	1.2	108,432,049	(2)	----	
118	(2)	127	(2)	(3)	6,112,163	11,775,833	364,399	6,844	1.9	65,499,365	(2)	----	
35	(2)	----	----	(3)	1,444,975	4,857,408	107,206	1,735	1.6	16,088,602	(2)	----	
9,174	1,887,904	2,687	329,291	19,581,630	82,830,415	154,166,365	2,147,174	62,962	2.9	449,400,657	26,097,041	5.8	21
8,280	1,850,514	2,263	263,840	15,879,728	63,677,583	126,719,857	1,858,635	56,558	3.0	376,788,792	19,596,397	5.2	
3,529	(2)	2,913	(2)	(3)	47,461,890	75,483,377	1,648,690	37,391	2.3	265,085,908	(2)	----	
1,159	(2)	1,790	(2)	(3)	29,497,535	54,625,809	1,321,011	30,636	2.3	311,479,694	(2)	----	
1,671	(2)	----	----	(3)	22,295,759	37,931,240	1,155,684	21,258	1.8	277,925,054	(2)	----	
1,900	(2)	----	----	(3)	12,165,075	21,710,212	982,405	21,476	2.2	177,013,407	(2)	----	
5,448	1,112,812	1,231	150,126	7,999,870	82,299,893	121,181,683	1,381,625	42,210	3.1	191,376,383	27,443,599	14.3	22
6,798	1,183,229	612	70,473	3,760,758	33,282,724	57,806,713	1,118,587	28,377	2.5	159,619,875	9,646,289	6.0	
1,335	(2)	661	(2)	(3)	14,442,506	24,205,183	939,946	12,167	1.3	122,362,297	(2)	----	
4,210	(2)	2,224	(2)	(3)	12,412,023	24,161,905	726,915	30,071	4.1	191,343,376	(2)	----	
916	(2)	----	----	(3)	6,738,486	15,587,473	708,002	8,789	1.2	280,704,988	(2)	----	
759	(2)	----	----	(3)	2,459,508	6,779,417	517,762	6,217	1.2	176,623,654	(2)	----	
18,913	4,835,171	2,202	307,843	7,774,216	68,863,408	127,361,485	694,466	74,816	10.8	268,434,909	31,266,656	11.6	23
21,051	4,891,060	2,442	244,249	5,394,694	51,520,589	95,689,500	661,086	70,374	10.6	233,946,082	19,237,679	8.2	
13,777	(2)	3,746	(2)	(3)	51,120,708	79,829,793	648,936	52,954	8.2	173,856,242	(2)	----	
13,448	(2)	1,422	(2)	(3)	49,379,757	79,497,521	626,915	49,180	7.8	134,580,157	(2)	----	
9,792	(2)	----	----	(3)	21,553,066	38,193,254	628,279	34,619	5.5	86,717,716	(2)	----	
6,167	(2)	----	----	(3)	13,553,144	24,661,057	583,169	28,020	4.8	64,336,119	(2)	----	
29,617	6,112,187	5,884	764,003	17,209,623	144,397,680	242,552,990	1,188,044	108,325	9.1	616,719,782	45,704,854	7.4	24
26,432	5,009,548	4,115	382,046	10,616,347	92,059,390	171,842,593	1,042,390	97,808	9.4	411,900,246	31,268,516	7.6	
21,700	(2)	6,547	(2)	(3)	66,937,846	106,780,563	934,943	74,945	8.0	368,442,913	(2)	----	
8,278	(2)	2,521	(2)	(3)	46,897,032	76,593,613	780,894	44,860	5.7	286,910,332	(2)	----	
6,773	(2)	----	----	(3)	25,494,007	41,735,157	687,049	28,403	4.1	65,341,438	(2)	----	
7,483	(2)	----	----	(3)	17,690,836	33,043,892	583,034	30,212	5.2	139,026,610	(2)	----	
143,109	45,630,890	12,556	2,453,728	73,209,015	552,717,955	1,035,198,989	2,805,346	497,448	17.7	2,247,094,547	173,694,674	7.7	25
133,452	40,647,480	8,667	1,470,315	63,083,782	473,199,434	888,160,403	2,238,943	447,270	20.0	1,600,137,807	124,833,215	7.8	
105,976	(2)	17,445	(2)	(3)	386,972,655	631,135,284	1,783,085	352,255	19.8	1,111,160,072	(2)	----	
86,229	(2)	14,119	(2)	(3)	334,413,982	553,912,568	1,457,351	279,380	19.2	901,037,841	(2)	----	
71,153	(2)	----	----	(3)	135,053,721	255,545,922	1,231,066	217,421	17.7	475,413,165	(2)	----	
69,677	(2)	----	----	(3)	85,856,771	157,743,994	994,514	177,461	17.8	349,129,932	(2)	----	
23,092	5,239,149	2,636	393,637	25,495,423	199,559,905	356,944,082	2,420,982	162,355	6.7	1,017,071,648	78,074,887	7.7	26
12,857	2,720,453	2,641	329,801	18,348,381	154,521,918	277,896,706	2,093,889	148,674	7.1	739,690,151	85,827,515	11.6	
4,784	(2)	4,362	(2)	(3)	92,900,269	150,715,025	1,636,937	77,591	4.7	432,861,884	(2)	----	
2,941	(2)	2,406	(2)	(3)	68,142,515	118,394,676	1,184,059	63,694	5.4	224,663,667	(2)	----	
1,046	(2)	----	----	(3)	17,635,611	32,658,356	749,113	23,190	3.1	123,605,084	(2)	----	
354	(2)	----	----	(3)	6,136,328	11,169,002	397,654	9,344	2.3	25,580,371	(2)	----	
9,553	2,451,400	792	127,478	13,273,648	173,425,615	262,655,881	[4]1,741,986	77,234	4.4	492,275,174	49,399,090	10.0	27
5,508	1,583,443	760	98,172	12,136,612	118,481,941	192,033,478	1,301,826	69,790	5.4	496,558,366	39,900,494	8.0	
1,636	(2)	674	(2)	(3)	55,660,681	76,065,198	780,773	21,247	2.7	203,446,781	(2)	----	
259	(2)	139	(2)	(3)	13,842,902	23,110,700	439,706	11,290	2.6	62,079,587	(2)	----	
19	(2)	----	----	(3)	1,904,070	3,373,172	172,023	2,123	1.2	25,291,771	(2)	----	
				(3)	24,300	58,300	6,077	63	1.0	97,363	(2)	----	
1,726	314,013	1,049	122,339	1,476,855	21,692,092	40,431,386	1,551,270	26,418	1.7	158,365,609	13,169,265	8.3	28
1,236	261,526	909	91,978	827,627	10,064,897	18,705,834	1,289,600	14,465	1.1	117,004,402	4,453,810	3.8	
413	(2)	527	(2)	(3)	4,667,183	7,518,302	1,131,597	5,827	0.5	79,469,530	(2)	----	
191	(2)	250	(2)	(3)	4,364,206	8,154,758	827,922	5,945	0.7	118,278,460	(2)	----	
203	(2)	----	----	(3)	3,146,636	6,590,687	791,305	4,775	0.6	157,836,737	(2)	----	
103	(2)	----	----	(3)	1,275,771	2,912,068	606,526	3,154	0.5	65,171,438	(2)	----	
23,683	6,041,960	4,510	756,172	41,396,905	214,988,018	385,492,784	3,106,665	134,975	4.3	1,001,766,464	63,506,339	6.3	29
18,294	4,603,128	3,491	512,357	22,885,565	177,582,382	324,561,993	2,679,184	124,203	4.6	599,859,331	46,579,111	7.8	
5,474	(2)	4,321	(2)	(3)	110,798,392	165,386,205	2,168,380	63,995	3.0	381,985,112	(2)	----	
3,884	(2)	5,566	(2)	(3)	115,533,269	206,213,429	1,721,295	65,354	3.8	418,527,535	(2)	----	
1,053	(2)	----	----	(3)	23,849,941	41,782,731	1,182,012	19,681	1.7	153,450,577	(2)	----	
928	(2)	----	----	(3)	12,798,351	24,324,418	682,044	15,808	2.3	66,802,223	(2)	----	
287	100,233	112	30,392	1,668,487	32,702,650	57,075,824	[4]231,559	10,117	4.4	90,039,356	14,162,070	15.7	30
75	43,809	11	2,608	296,684	2,375,093	5,507,573	132,159	2,386	1.8	54,943,531	1,250,430	2.3	
3	(2)	1	(2)	(3)	1,006,442	1,835,867	39,159	578	1.5	5,077,162	(2)	----	
2	(2)	2	(2)	(3)	1,316,331	2,494,511	20,595	701	3.4	2,728,128	(2)	----	
2,626	676,278	776	144,704	6,935,399	102,197,707	143,990,102	1,066,300	24,461	2.3	171,747,593	22,181,411	12.9	31
1,473	376,960	714	86,887	5,395,242	67,334,532	93,037,794	1,058,910	20,450	1.9	115,181,167	12,134,376	10.5	
120	(2)	209	(2)	(3)	8,208,478	12,627,336	452,402	4,793	1.1	55,073,375	(2)	----	
81	(2)	26	(2)	(3)	2,902,074	5,738,512	122,993	2,665	2.2	38,365,999	(2)	----	
2	(2)	----	----	(3)	237,215	607,328	28,841	336	1.2	5,732,145	(2)	----	

[2] Not reported.
[4] Exclusive of Indians and other persons on Indian reservations, which classes were not included at previous censuses.

TABLE 1.—COMPARATIVE SUMMARY BY

	STATES AND TERRITORIES.	Year.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.			
							Total.		Men, 16 years and over.	
					Number.	Salaries.	Average number.	Wages.	Average number.	Wages.
32	Nevada	1900	228	$1,472,784	39	$37,560	601	$416,732	563	$408,424
		1890	95	1,211,269	[1]62	[1]68,968	558	376,535	543	373,589
		1880	184	1,323,300	(2)	(2)	577	461,807	556	(2)
		1870	330	5,127,790	(2)	(2)	2,859	2,498,473	2,856	(2)
33	New Hampshire	1900	4,671	100,929,661	2,193	2,290,210	70,419	27,620,247	46,847	20,704,590
		1890	3,229	79,375,160	[1]3,250	[1]2,320,764	60,111	21,927,290	37,509	15,706,728
		1880	3,181	51,112,263	(2)	(2)	48,831	14,814,793	29,356	(2)
		1870	3,342	36,023,743	(2)	(2)	40,783	13,823,091	25,829	(2)
		1860	2,592	23,274,094	(2)	(2)	32,340	8,110,561	18,379	(2)
		1850	3,211	18,242,114	(2)	(2)	27,092	6,123,876	14,103	(2)
34	New Jersey	1900	15,481	502,824,082	16,283	19,688,946	241,582	110,088,605	181,879	94,463,105
		1890	9,225	250,805,745	[1]13,620	[1]13,834,618	173,778	82,944,118	131,370	72,333,325
		1880	7,128	106,226,593	(2)	(2)	126,038	46,083,045	86,787	(2)
		1870	6,636	79,606,719	(2)	(2)	75,552	32,648,409	58,115	(2)
		1860	4,173	40,521,048	(2)	(2)	56,027	16,277,337	43,198	(2)
		1850	4,207	22,293,258	(2)	(2)	37,830	9,364,740	29,068	(2)
35	New Mexico	1900	420	2,698,786	95	95,792	2,600	1,350,586	2,499	1,327,072
		1890	127	965,938	[1]95	[1]62,366	849	470,361	818	461,105
		1880	144	463,275	(2)	(2)	557	218,731	553	(2)
		1870	182	1,450,695	(2)	(2)	427	167,281	423	(2)
		1860	82	2,008,350	(2)	(2)	1,074	341,306	1,044	(2)
		1850	23	68,300	(2)	(2)	81	20,772	81	(2)
36	New York	1900	78,658	1,651,210,220	74,480	82,075,648	849,056	408,855,652	605,686	338,030,434
		1890	65,840	1,130,161,195	[1]98,018	[1]96,466,083	752,066	370,380,559	545,453	312,759,301
		1880	42,739	514,246,575	(2)	(2)	531,533	198,634,029	364,549	(2)
		1870	36,206	366,994,320	(2)	(2)	351,800	142,466,758	267,378	(2)
		1860	22,624	172,895,652	(2)	(2)	230,112	65,446,759	176,885	(2)
		1850	23,553	99,904,405	(2)	(2)	199,349	49,131,000	147,737	(2)
37	North Carolina	1900	7,226	76,503,894	3,001	2,434,621	70,570	13,868,430	44,549	10,477,765
		1890	3,667	82,745,995	[1]2,589	[1]1,278,415	33,625	6,552,121	22,665	5,260,422
		1880	3,802	13,045,639	(2)	(2)	18,109	2,740,768	12,818	(2)
		1870	3,642	8,140,473	(2)	(2)	13,622	2,195,711	11,339	(2)
		1860	3,689	9,693,703	(2)	(2)	14,217	2,689,441	12,102	(2)
		1850	2,663	7,456,860	(2)	(2)	14,601	2,383,456	12,473	(2)
38	North Dakota	1900	1,130	5,396,490	168	141,432	2,398	1,222,472	2,168	1,160,288
		1890	382	2,894,553	[1]348	[1]243,749	1,499	759,132	1,398	733,179
		1880	(5)							
		1870	(5)							
39	Ohio	1900	32,398	605,792,266	30,003	29,351,045	345,869	153,955,330	287,789	140,364,129
		1890	28,673	402,793,019	[1]38,566	[1]30,321,084	292,982	128,447,799	244,900	118,158,916
		1880	20,699	188,939,614	(2)	(2)	183,609	62,103,800	152,217	(2)
		1870	22,773	141,923,964	(2)	(2)	137,202	49,066,488	119,686	(2)
		1860	11,123	57,295,303	(2)	(2)	75,602	22,302,989	65,749	(2)
		1850	10,622	29,019,538	(2)	(2)	51,491	13,467,156	47,054	(2)
40	Oklahoma	1900	870	3,352,064	202	159,554	2,054	807,826	1,876	775,707
		1890	72	95,519	[1]48	[1]19,592	147	52,326	133	50,660
41	Oregon	1900	3,088	33,422,393	1,280	1,323,155	17,236	8,333,433	15,120	7,830,594
		1890	1,523	32,122,051	[1]2,038	[1]1,975,495	16,760	9,559,734	15,754	9,232,608
		1880	1,080	6,312,056	(2)	(2)	3,473	1,667,046	3,280	(2)
		1870	969	4,376,849	(2)	(2)	2,884	1,120,173	2,753	(2)
		1860	309	1,337,238	(2)	(2)	978	635,256	968	(2)
		1850	52	843,600	(2)	(2)	285	388,620	285	(2)
42	Pennsylvania	1900	52,185	1,551,548,712	47,439	48,605,173	733,834	332,072,670	574,606	293,697,372
		1890	39,339	991,243,115	[1]50,169	[1]42,215,788	570,393	263,375,215	460,939	236,614,013
		1880	31,232	474,510,993	(2)	(2)	387,072	134,055,904	284,359	(2)
		1870	37,200	406,821,845	(2)	(2)	319,487	127,976,594	256,543	(2)
		1860	22,363	190,055,904	(2)	(2)	222,132	60,369,165	182,593	(2)
		1850	21,605	94,473,810	(2)	(2)	146,766	37,163,232	124,688	(2)
43	Rhode Island	1900	4,189	183,784,587	4,433	5,552,189	98,813	41,114,084	64,508	31,295,442
		1890	3,377	126,483,401	[1]4,865	[1]4,688,608	81,111	33,239,313	49,684	24,915,189
		1880	2,205	75,575,943	(2)	(2)	62,878	21,355,619	37,060	(2)
		1870	1,850	66,557,322	(2)	(2)	49,417	19,354,256	28,804	(2)
		1860	1,191	24,278,295	(2)	(2)	32,490	8,760,125	20,795	(2)
		1850	864	12,935,676	(2)	(2)	20,967	5,047,080	12,923	(2)
44	South Carolina	1900	3,762	67,356,465	1,525	1,327,052	48,135	9,455,900	29,823	6,921,355
		1890	2,382	29,276,261	[1]1,914	[1]1,116,244	22,748	5,474,739	16,664	4,516,437
		1880	2,078	11,205,894	(2)	(2)	15,828	2,836,289	13,687	(2)
		1870	1,584	5,400,418	(2)	(2)	8,141	1,543,715	7,099	(2)
		1860	1,230	6,931,756	(2)	(2)	6,994	1,380,027	6,096	(2)
		1850	1,430	6,053,265	(2)	(2)	7,066	1,127,712	5,992	(2)
45	South Dakota	1900	1,639	7,578,895	311	184,233	3,121	1,544,409	2,776	1,471,626
		1890	499	3,207,796	[1]411	[1]265,725	2,011	832,693	1,846	795,676
		1880	(6)							
		1870	(6)							
46	Tennessee	1900	8,016	71,814,038	3,673	3,261,347	50,504	16,647,638	42,492	15,201,266
		1890	4,559	51,475,092	[1]5,272	[1]3,342,171	37,487	13,557,180	32,644	12,703,062
		1880	4,326	20,092,845	(2)	(2)	22,445	5,254,775	19,575	(2)
		1870	5,317	15,595,295	(2)	(2)	19,412	5,390,630	17,663	(2)
		1860	2,572	14,426,261	(2)	(2)	12,528	3,370,687	11,582	(2)
		1850	2,887	6,527,729	(2)	(2)	12,039	2,247,492	11,080	(2)

[1] Includes proprietors and firm members, with their salaries; not included for 1900 in this table.
[2] Not reported separately.
[3] Not reported.

STATES AND TERRITORIES: 1850 TO 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.				Miscellaneous expenses.	Cost of materials used.	Value of products.	Total population.	WAGE-EARNERS ENGAGED IN MANUFACTURES.		Assessed value of real estate.	VALUE OF LAND AND BUILDINGS INVESTED IN MANUFACTURES.		
Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.					Number.	Per cent of total population.		Amount.	Per cent of assessed value.	
15	$5,431	20	$2,877	$68,457	$826,138	$1,643,675	[4]40,662	601	1.5	$16,578,404	$458,651	2.8	32
14	2,826	1	120	53,869	439,058	1,105,063	45,761	558	1.2	8,544,341	397,533	4.7	
5	(2)	16	(2)	(3)	1,049,794	2,179,626	62,266	577	0.9	13,280,555	(2)		
3	(2)		(2)	(3)	10,315,984	15,870,539	42,491	2,859	6.7	14,594,722	(2)		
21,921	6,584,156	1,651	331,501	6,356,131	66,348,594	118,709,308	411,588	70,419	17.1	162,813,289	24,519,807	15.1	33
20,933	5,978,349	1,669	247,218	4,363,192	47,754,152	85,770,549	376,530	60,111	16.0	141,729,716	19,277,415	13.6	
16,134	(2)	3,291	(2)	(3)	43,552,462	73,978,028	346,991	48,831	14.1	122,733,124	(2)		
12,775	(2)	2,179	(2)	(3)	44,577,967	71,038,249	318,300	40,783	12.8	85,231,288	(2)		
13,961	(2)			(3)	20,539,857	37,586,453	326,073	32,340	9.9	59,638,346	(2)		
12,989	(2)			(3)	12,745,466	23,164,503	317,976	27,092	8.5	67,839,108	(2)		
51,661	14,281,265	8,042	1,344,235	42,654,076	360,945,843	611,748,933	1,883,669	241,582	12.8	774,935,591	118,767,360	15.3	34
37,095	9,815,208	5,313	795,585	18,458,052	189,365,740	354,573,571	1,444,933	173,778	12.0	562,375,791	66,835,493	11.9	
27,099	(2)	12,152	(2)	(3)	165,285,779	254,380,236	1,131,116	126,038	11.1	442,632,638	(2)		
11,198	(2)	6,239	(2)	(3)	103,415,245	169,237,732	906,096	75,552	8.3	448,832,127	(2)		
12,829	(2)		(2)	(3)	41,429,100	76,306,104	672,035	56,027	8.3	151,161,942	(2)		
8,762	(2)		(2)	(3)	22,011,871	39,851,256	489,555	37,830	7.7	153,151,619	(2)		
72	18,369	29	5,145	204,337	2,914,138	5,605,795							35
16	6,934	15	2,322	76,638	691,420	1,516,195							
		4	(2)	(3)	871,352	1,284,846							
1	(2)	3	(2)	(3)	880,957	1,489,868							
30	(2)			(3)	367,892	1,249,123							
				(3)	110,220	249,010							
230,181	68,623,708	13,189	2,201,510	221,886,271	1,143,791,776	2,175,726,900	[4]7,263,110	849,056	11.7	5,093,025,771	392,174,641	7.7	36
194,350	55,706,915	12,263	1,914,343	122,042,219	871,264,085	1,711,577,671	5,997,853	752,066	12.5	3,403,751,246	262,403,520	7.7	
137,455	(2)	29,529	(2)	(3)	679,612,545	1,080,696,596	5,082,871	531,533	10.5	2,329,282,359	(2)		
63,795	(2)	20,627	(2)	(3)	452,065,452	785,194,651	4,382,759	351,800	8.0	1,532,720,907	(2)		
53,227	(2)			(3)	214,813,061	378,870,939	3,880,735	230,112	5.9	1,069,658,080	(2)		
51,612	(2)			(3)	134,655,674	237,597,249	3,097,394	199,349	6.4	564,649,649	(2)		
15,644	2,394,417	10,377	996,248	9,118,637	53,072,388	94,919,663	1,893,810	70,570	3.7	165,968,278	19,291,964	11.6	37
6,227	908,857	4,733	382,842	3,329,101	22,789,187	40,375,450	1,617,947	33,625	2.1	142,068,932	8,663,264	6.1	
2,939	(2)	2,352	(2)	(3)	13,090,937	20,095,037	1,399,750	18,109	1.3	101,709,326	(2)		
1,422	(2)	861	(2)	(3)	12,824,693	19,021,327	1,071,361	13,622	1.3	83,322,012	(2)		
2,115	(2)			(3)	10,203,228	16,678,698	992,622	14,217	1.4	116,366,573	(2)		
2,128	(2)			(3)	4,602,501	9,111,050	869,039	14,601	1.7	71,702,740	(2)		
193	57,433	37	4,751	302,492	5,615,793	9,183,114	[4]312,239	2,398	0.8	90,942,019	1,411,428	1.6	38
85	23,195	16	2,758	236,909	3,087,161	5,028,107	182,719	1,499	0.8	65,181,187	699,680	1.1	
53,711	12,883,284	4,369	707,917	69,728,206	447,849,677	832,438,113	4,157,545	345,869	8.3	1,285,008,439	144,152,774	11.2	39
41,531	9,286,497	6,551	1,002,386	45,062,325	341,016,464	641,688,064	3,672,316	292,982	8.0	1,232,305,312	96,331,877	7.8	
18,563	(2)	12,829	(2)	(3)	215,334,258	348,298,390	3,198,062	183,609	5.7	1,093,677,705	(2)		
11,575	(2)	5,941	(2)	(3)	157,131,697	269,713,610	2,665,260	137,202	5.1	707,846,836	(2)		
9,853	(2)			(3)	69,800,270	121,691,148	2,339,511	75,602	3.2	687,518,121	(2)		
4,437	(2)			(3)	34,678,019	62,692,279	1,980,329	51,491	2.6	337,521,075	(2)		
140	27,180	38	4,939	246,081	4,449,944	7,083,938							40
3	520	11	1,046	21,970	56,518	180,445							
1,821	452,939	295	49,900	2,242,795	26,108,313	46,000,587	[4]409,764	17,236	4.2	117,804,874	10,282,493	8.7	41
806	294,496	200	32,630	2,108,668	21,793,578	41,432,174	313,767	16,760	5.3	107,640,259	12,528,214	11.6	
96	(2)	97	(2)	(3)	6,954,436	10,931,232	174,768	3,473	2.0	32,584,966	(2)		
67	(2)	64	(2)	(3)	3,419,756	6,877,387	90,923	2,884	3.2	17,674,202	(2)		
10	(2)			(3)	1,431,952	2,976,761	52,465	978	1.9	6,279,602	(2)		
				(3)	809,560	2,236,640	13,294	285	2.1	3,997,332	(2)		
126,093	33,067,828	33,135	5,307,470	134,344,269	1,042,434,599	1,834,790,860	[6]6,302,034	733,834	11.6	2,766,829,685	375,804,375	13.6	42
87,035	23,357,951	22,419	3,403,251	74,841,458	773,734,637	1,331,794,901	5,258,014	570,393	10.8	2,042,016,599	246,972,567	12.1	
73,046	(2)	29,667	(2)	(3)	465,020,563	744,818,445	4,282,891	387,072	9.0	1,540,007,957	(2)		
43,712	(2)	19,232	(2)	(3)	421,197,673	711,894,344	3,521,951	319,487	9.1	1,071,680,934	(2)		
39,539	(2)			(3)	153,477,698	290,121,188	2,906,215	222,132	7.6	561,192,980	(2)		
22,078	(2)			(3)	87,206,377	155,044,910	2,311,786	146,766	6.3	427,865,660	(2)		
29,269	8,909,010	5,036	909,632	12,199,283	96,392,661	184,074,378	428,556	98,813	23.1	320,318,384	44,180,729	13.8	43
25,602	7,397,979	5,825	926,145	8,825,407	76,253,023	142,500,625	345,506	81,111	23.5	243,081,296	28,274,887	11.6	
18,270	(2)	7,548	(2)	(3)	58,103,443	104,163,621	276,531	62,878	22.7	188,224,459	(2)		
14,752	(2)	5,861	(2)	(3)	73,154,109	111,418,354	217,353	49,417	22.7	132,876,581	(2)		
11,695	(2)			(3)	19,858,515	40,711,296	174,620	32,490	18.6	83,778,204	(2)		
8,044	(2)			(3)	13,186,703	22,117,688	147,545	20,967	14.2	54,358,231	(2)		
9,752	1,685,139	8,560	849,406	3,111,587	34,027,795	58,748,731	1,340,316	48,135	3.6	102,137,777	15,316,413	15.0	44
3,775	736,696	2,309	221,606	1,792,386	18,873,666	31,926,681	1,151,149	22,748	2.0	90,042,723	8,573,156	9.5	
1,023	(2)	1,118	(2)	(3)	9,885,538	16,738,008	995,577	15,828	1.6	77,461,670	(2)		
578	(2)	464	(2)	(3)	5,855,736	9,858,981	705,606	8,141	1.2	119,494,675	(2)		
898	(2)			(3)	5,198,881	8,615,195	703,708	6,994	1.0	129,772,684	(2)		
1,074	(2)			(3)	2,787,534	7,045,477	668,507	7,066	1.1	105,737,492	(2)		
231	55,263	114	17,520	471,528	7,827,110	12,231,239	[4]383,887	3,121	0.8	132,562,815	2,180,472	1.6	45
129	33,344	36	3,673	268,214	3,523,840	5,682,748	328,808	2,011	0.6	101,378,719	834,997	0.8	
5,841	1,197,214	2,171	249,158	6,235,557	63,857,511	108,144,565	2,020,616	50,504	2.5	291,865,380	20,376,048	7.0	46
3,273	679,068	1,570	175,050	4,126,271	40,463,782	72,355,286	1,767,518	37,487	2.1	292,872,811	13,705,247	4.7	
1,196	(2)	1,674	(2)	(3)	23,834,262	37,074,886	1,542,359	22,445	1.5	195,644,200	(2)		
1,089	(2)	660	(2)	(3)	34,362,636	34,362,636	1,258,520	19,412	1.5	223,035,375	(2)		
946	(2)			(3)	9,416,514	17,987,225	1,109,801	12,528	1.1	219,991,180	(2)		
959	(2)			(3)	5,166,886	9,725,608	1,002,717	12,039	1.2	107,981,793	(2)		

[4] Exclusive of Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[5] See territory of Dakota, of which the present state of North Dakota formed a part prior to November 2, 1889.
[6] See territory of Dakota, of which the present state of South Dakota formed a part prior to November 2, 1889.

TABLE 1.—COMPARATIVE SUMMARY BY

	STATES AND TERRITORIES.	Year.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.			
							Total.		Men, 16 years and over.	
					Number.	Salaries.	Average number.	Wages.	Average number.	Wages.
47	Texas	1900	12,289	$90,433,882	3,560	$3,229,075	48,153	$20,552,355	44,199	$19,669,733
		1890	5,268	46,815,181	[1]4,681	[1]3,437,843	34,794	15,148,495	31,845	14,524,346
		1880	2,996	9,245,561	(2)	(2)	12,159	3,343,087	11,645	(2)
		1870	2,399	5,284,110	(2)	(2)	7,927	1,787,835	7,450	(2)
		1860	983	3,272,450	(2)	(2)	3,449	1,162,756	3,338	(2)
		1850	309	539,290	(2)	(2)	1,066	322,368	1,042	(2)
48	Utah	1900	1,400	14,650,948	740	566,165	6,615	3,388,370	5,579	3,143,090
		1890	581	6,583,022	[1]631	[1]524,540	4,349	2,191,265	3,657	2,041,314
		1880	640	2,656,657	(2)	(2)	2,495	858,863	2,042	(2)
		1870	533	1,391,898	(2)	(2)	1,534	395,365	1,465	(2)
		1860	148	443,356	(2)	(2)	389	231,701	380	(2)
		1850	14	44,400	(2)	(2)	51	9,984	51	(2)
49	Vermont	1900	4,071	48,547,964	1,772	1,620,876	29,455	12,237,684	24,714	11,027,185
		1890	3,031	32,763,291	[1]2,775	[1]1,668,996	22,119	8,427,553	18,985	7,587,075
		1880	2,874	23,265,224	(2)	(2)	17,540	5,164,479	14,438	(2)
		1870	3,270	20,329,637	(2)	(2)	18,686	6,264,581	16,301	(2)
		1860	1,883	9,498,617	(2)	(2)	10,497	3,004,986	8,563	(2)
		1850	1,849	5,001,377	(2)	(2)	8,445	2,202,348	6,894	(2)
50	Virginia	1900	8,248	103,670,988	4,198	3,846,072	72,702	22,445,720	56,341	20,038,339
		1890	5,915	63,456,799	[1]6,025	[1]3,827,920	53,566	15,816,930	40,664	14,019,080
		1880	5,710	26,968,990	(2)	(2)	40,184	7,425,261	28,779	(2)
		1870	5,933	18,455,400	(2)	(2)	26,974	5,343,099	22,175	(2)
		1860	5,385	26,935,560	(2)	(2)	36,174	8,544,117	32,606	(2)
		1850	4,740	18,109,143	(2)	(2)	29,110	5,434,476	25,790	(2)
51	Washington	1900	3,631	52,649,760	2,242	2,164,024	33,806	19,106,873	32,325	18,669,237
		1890	1,543	34,369,735	[1]1,689	[1]1,646,720	18,677	11,011,894	18,064	10,802,496
		1880	261	3,202,497	(2)	(2)	1,147	532,226	1,110	(2)
		1870	269	1,893,674	(2)	(2)	1,026	574,936	1,025	(2)
		1860	52	1,296,200	(2)	(2)	870	453,601	866	(2)
52	West Virginia	1900	4,418	55,904,238	1,857	1,570,797	33,272	12,969,237	29,083	12,165,341
		1890	2,376	28,118,030	[1]2,629	[1]1,419,218	19,340	6,911,779	17,074	6,546,797
		1880	2,375	13,883,390	(2)	(2)	14,311	4,313,965	12,900	(2)
		1870	2,444	11,084,520	(2)	(2)	11,672	4,322,164	10,728	(2)
53	Wisconsin	1900	16,187	330,568,779	10,760	10,608,383	142,076	58,407,597	120,131	53,961,539
		1890	10,417	246,515,404	[1]12,025	[1]8,885,441	120,006	42,958,267	105,320	40,284,576
		1880	7,674	73,821,802	(2)	(2)	57,109	18,814,917	48,255	(2)
		1870	7,013	41,981,872	(2)	(2)	43,910	13,575,642	40,296	(2)
		1860	3,064	15,831,581	(2)	(2)	15,414	4,268,708	14,641	(2)
		1850	1,262	3,382,148	(2)	(2)	6,089	1,712,496	5,798	(2)
54	Wyoming	1900	334	2,411,435	98	99,777	2,241	1,386,140	2,179	1,368,764
		1890	190	1,411,184	[1]122	[1]91,477	1,022	787,169	957	767,982
		1880	57	364,673	(2)	(2)	391	187,798	380	(2)
		1870	32	889,400	(2)	(2)	502	347,578	500	(2)

[1] Includes proprietors and firm members, with their salaries; not included for 1900 in this table.
[2] Not reported separately.
[3] Not reported.

STATES AND TERRITORIES: 1850 TO 1900—Continued.

Average number of wage-earners and total wages—continued.				Miscellaneous expenses.	Cost of materials used.	Value of products.	Total population.	Wage-earners engaged in manufactures.		Assessed value of real estate.	Value of land and buildings invested in manufactures.		
Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.					Number.	Per cent of total population.		Amount.	Per cent of assessed value.	
2,913	$737,363	1,041	$145,259	$6,144,924	$67,102,769	$119,414,982	3,048,710	48,153	1.6	$666,904,488	$28,034,873	4.2	47
1,977	502,291	972	121,858	3,594,940	36,152,308	70,433,551	2,235,523	34,794	1.6	523,893,098	14,585,723	2.8	
116	(2)	398	(2)	(3)	12,956,269	20,719,928	1,591,749	12,159	0.8	205,508,924	(2)	-------	
157	(2)	320	(2)	(3)	6,273,193	11,517,302	818,579	7,927	1.0	97,186,568	(2)	-------	
111	(2)	-------	-------	(3)	3,367,372	6,577,202	604,215	3,449	0.6	112,476,013	(2)	-------	
24	(2)	-------	-------	(3)	394,642	1,168,538	212,592	1,066	0.5	28,149,671	(2)	-------	
818	207,852	218	37,428	929,173	12,853,954	21,156,183	[4]274,952	6,615	2.4	104,970,253	4,803,687	4.6	48
485	123,117	207	26,834	455,968	4,252,030	8,911,047	207,905	4,349	2.1	80,218,871	2,119,986	2.6	
221	(2)	232	(2)	(3)	2,561,737	4,324,992	143,963	2,495	1.7	14,779,344	(2)	-------	
43	(2)	26	(2)	(3)	1,238,252	2,343,019	86,786	1,534	1.8	7,047,881	(2)	-------	
9	(2)	-------	-------	(3)	439,512	900,153	40,273	389	1.0	286,504	(2)	-------	
		-------	-------	(3)	337,381	291,220	11,380	51	0.4	337,866	(2)	-------	
4,478	1,166,491	263	44,008	3,482,448	29,858,824	57,623,815	343,641	29,455	8.6	118,950,024	14,828,028	12.5	49
2,745	784,156	389	56,322	2,188,826	20,433,174	38,340,066	332,422	22,119	6.7	112,895,125	8,602,033	7.6	
2,271	(2)	831	(2)	(3)	18,330,677	31,354,366	332,286	17,540	5.3	71,436,623	(2)	-------	
1,872	(2)	513	(2)	(3)	17,007,769	32,184,606	330,551	18,686	5.7	80,993,100	(2)	-------	
1,934	(2)	-------	-------	(3)	7,608,858	14,637,807	315,098	10,497	3.3	65,639,973	(2)	-------	
1,551	(2)	-------	-------	(3)	4,172,552	8,570,920	314,120	8,445	2.7	57,320,369	(2)	-------	
12,197	1,963,999	4,164	443,382	12,264,602	74,851,757	132,172,910	1,854,184	72,702	3.9	316,563,279	29,909,532	9.4	50
9,655	1,518,409	3,247	279,441	7,421,087	50,148,285	88,363,824	1,655,980	53,566	3.2	272,311,276	16,614,283	6.1	
6,144	(2)	5,261	(2)	(3)	32,883,933	51,780,992	1,512,565	40,184	2.7	233,601,599	(2)	-------	
2,259	(2)	2,540	(2)	(3)	23,832,384	38,364,322	1,225,163	26,974	2.2	279,116,017	(2)	-------	
3,568	(2)	-------	-------	(3)	30,840,531	50,652,124	1,596,318	36,174	2.3	417,952,228	(2)	-------	
3,320	(2)	-------	-------	(3)	18,101,131	29,602,507	1,421,661	29,110	2.0	252,105,824	(2)	-------	
1,216	383,970	265	53,666	3,860,455	49,099,182	86,795,051	[4]511,786	33,806	6.6	177,822,995	15,846,854	8.9	51
483	186,562	130	22,836	2,180,557	19,917,057	41,768,022	349,390	18,677	5.3	177,204,671	12,776,478	7.2	
25	(2)	12	(2)	(3)	1,967,469	3,250,134	75,116	1,147	1.5	11,335,923	(2)	-------	
1	(2)	-------	-------	(3)	1,435,128	2,851,052	23,955	1,026	4.3	5,146,776	(2)	-------	
4	(2)	-------	-------	(3)	502,021	1,406,921	11,594	870	7.5	1,876,063	(2)	-------	
3,349	674,227	840	129,669	3,945,814	43,006,880	74,838,330	958,800	33,272	3.5	172,250,553	15,096,225	8.8	52
1,455	256,183	811	108,799	1,960,929	23,729,089	38,702,125	762,794	19,340	2.5	121,202,365	7,754,341	6.4	
346	(2)	1,065	(2)	(3)	14,027,388	22,867,126	618,457	14,311	2.3	105,000,306	(2)	-------	
287	(2)	657	(2)	(3)	14,503,701	24,102,201	442,014	11,672	2.6	95,924,774	(2)	-------	
16,266	3,553,063	5,679	892,995	30,935,354	208,838,167	360,818,942	[4]2,062,916	142,076	6.9	503,690,767	104,389,769	20.7	53
12,751	2,436,013	1,935	237,678	18,602,764	145,437,016	248,546,164	1,686,880	120,006	7.1	464,590,340	82,227,891	17.7	
6,241	(2)	2,613	(2)	(3)	85,796,178	128,255,480	1,315,497	57,109	4.3	344,788,721	(2)	-------	
2,114	(2)	1,500	(2)	(3)	45,851,266	77,214,326	1,054,670	43,910	4.2	252,322,107	(2)	-------	
773	(2)	-------	-------	(3)	17,137,334	27,849,467	775,881	15,414	2.0	148,238,766	(2)	-------	
291	(2)	-------	-------	(3)	5,414,931	9,293,068	305,391	6,089	2.0	22,458,442	(2)	-------	
47	14,280	15	3,096	178,532	1,885,449	4,301,240	[4]90,570	2,241	2.5	(5)	652,886	-------	54
60	18,205	5	982	94,073	1,084,432	2,367,601	60,705	1,022	1.7	12,719,221	356,090	2.8	
		11	(2)	(3)	601,214	898,494	20,789	391	1.9	4,485,291	(2)	-------	
1	(2)	1	(2)	(3)	280,156	765,424	9,118	502	5.5	863,665	(2)	-------	

[4] Exclusive of Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[5] Figures not available.

STATISTICS OF CITIES.

TABLE 2.—COMPARATIVE SUMMARY FOR THE PRINCIPAL

[Includes 100 cities for 1880 and 164 for 1890 and 1900. Items

	Cities.	Year.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Total. Wages.	Men, 16 years and over. Average number.	Men, 16 years and over. Wages.
1	Akron, Ohio	1900	431	$24,199,310	$1,208,661	$4,596,380	$5,970,113	$12,424,156	1,130	$1,019,025	9,030	$3,971,307	7,299	$3,529,449
		1890	350	14,237,429	1,099,575	1,688,907	2,624,503	8,824,444	587	513,009	5,803	2,693,305	5,067	2,531,145
2	Albany, N. Y	1900	1,566	21,328,764	2,607,764	3,817,985	4,564,761	10,338,254	918	1,016,805	12,389	6,111,059	9,734	5,350,042
		1890	1,305	17,270,705	1,446,925	2,716,830	3,931,078	9,175,872	2,030	1,789,079	13,011	6,191,299	10,261	5,511,159
		1880	804	14,684,130							11,785	4,566,424	9,829	
3	Allegheny, Pa	1900	893	50,122,503	5,598,172	6,295,361	6,783,766	31,445,204	2,027	2,098,121	20,804	10,352,502	17,820	9,753,687
		1890	675	22,253,243	3,760,710	3,534,218	4,403,396	10,554,919	1,206	1,165,004	11,857	5,916,525	10,181	5,571,607
		1880	424	8,451,059							6,471	2,652,774	5,549	
4	Allentown, Pa	1900	491	11,996,971	819,039	2,328,729	3,155,260	5,693,943	390	325,762	8,447	3,150,970	5,251	2,479,054
		1890	382	6,977,091	796,096	924,321	2,182,773	3,073,901	540	402,626	5,293	1,910,882	3,848	1,655,419
5	Altoona, Pa	1900	230	8,108,819	506,098	1,751,119	2,682,558	3,169,044	380	266,527	8,090	4,619,828	7,458	4,494,347
		1890	208	7,955,423	476,900	2,947,150	2,038,836	2,492,537	345	243,798	6,216	3,440,298	5,970	3,397,447
6	Atlanta, Ga	1900	390	16,045,156	1,216,811	1,692,831	6,740,771	6,394,743	780	851,801	9,356	3,103,989	6,442	2,572,230
		1890	410	9,508,962	1,554,157	1,421,876	2,609,721	3,923,208	727	603,670	7,957	3,206,285	6,541	2,910,055
		1880	196	2,468,456							3,680	889,282	2,753	
7	Auburn, N. Y	1900	316	12,810,363	587,200	1,623,859	1,704,799	8,894,505	343	333,495	6,530	2,706,948	4,669	2,243,504
		1890	258	11,123,238	511,175	1,041,720	1,442,404	8,127,939	445	407,691	5,721	2,220,674	4,211	1,857,144
		1880	154	4,423,950							4,518	1,658,826	3,579	
8	Augusta, Ga	1900	383	8,990,989	903,439	1,904,576	3,290,809	2,892,165	262	277,556	7,092	1,806,654	4,341	1,353,885
		1890	440	7,770,688	546,225	1,766,755	2,918,296	2,539,412	580	373,248	5,714	1,689,941	8,545	1,257,419
		1880	60	2,069,275							1,680	448,825	867	
9	Baltimore, Md	1900	6,359	117,062,459	10,235,468	21,231,486	17,888,603	67,706,902	6,267	6,190,269	78,738	29,220,460	50,954	23,494,225
		1890	5,265	92,723,677	11,172,161	11,924,032	18,758,983	50,868,501	7,256	6,019,354	76,489	29,895,500	53,626	25,268,395
		1880	[1]3,680	38,581,873							56,316	15,113,489	34,080	
10	Bay City, Mich	1900	376	5,645,525	365,503	633,736	1,106,111	3,540,175	233	201,312	3,307	1,466,328	3,021	1,395,041
		1890	331	9,654,415	3,010,373	781,516	1,485,116	4,377,410	493	429,393	4,203	1,576,659	3,815	1,515,665
		1880	50	4,235,500							2,238	802,488	2,066	
11	Binghamton, N. Y	1900	594	9,295,859	707,736	1,086,719	2,549,843	4,951,561	517	490,442	6,106	2,461,084	3,970	1,878,395
		1890	704	9,058,651	743,269	843,338	1,611,106	5,860,938	1,013	841,978	9,178	3,507,184	6,454	2,811,335
12	Birmingham, Ala	1900	283	7,434,654	579,430	1,527,434	2,466,453	2,861,337	359	405,424	6,675	2,587,221	5,980	2,440,998
		1890	283	4,553,478	879,650	586,007	1,636,322	1,451,499	367	340,384	3,247	1,663,312	2,993	1,582,898
13	Bloomington, Ill	1900	185	2,465,300	121,050	375,625	865,569	1,103,056	207	147,282	2,030	974,736	1,761	921,990
		1890	188	2,874,141	211,855	618,050	636,092	1,408,144	323	253,050	2,201	1,007,995	1,974	965,131
14	Boston, Mass	1900	7,247	143,311,376	11,828,389	17,376,624	33,725,878	80,380,485	8,840	9,114,118	72,142	39,184,191	52,831	32,886,426
		1890	7,942	118,198,539	9,381,608	12,142,689	25,763,722	70,910,520	12,329	11,217,435	78,476	43,908,437	57,253	37,264,884
		1880	13,664	47,298,384							59,090	24,886,499	39,790	
15	Bridgeport, Conn	1900	832	33,066,890	2,047,221	3,775,717	8,653,129	18,590,823	1,163	1,498,768	19,301	9,123,790	13,609	7,454,429
		1890	559	19,786,572	1,647,251	1,968,776	3,717,973	12,452,572	1,015	1,185,810	12,116	6,381,103	9,121	5,413,590
		1880	[1]169	9,736,785							7,473	3,325,935	5,461	
16	Brockton, Mass	1900	428	10,193,688	447,562	766,755	1,585,551	7,393,820	631	654,785	10,986	6,166,462	8,161	4,954,968
		1890	537	7,772,452	366,175	546,497	1,204,676	5,655,104	875	853,841	10,317	5,746,324	7,854	4,752,580
17	Brooklyn, N. Y	1900	10,713	271,375,301	31,640,913	40,350,331	61,067,106	138,316,951	7,332	9,389,992	100,881	51,107,604	77,504	44,681,557
		1890	10,583	161,730,500	24,296,639	22,680,125	39,483,204	75,270,532	15,088	14,229,759	94,204	51,017,360	73,558	45,495,860
		1880	5,195	61,423,249							47,406	22,425,467	37,049	
18	Buffalo, N. Y	1900	3,902	103,939,655	11,658,359	15,563,836	31,705,763	45,011,697	4,184	3,680,491	43,422	19,915,817	36,252	18,432,353
		1890	3,565	70,707,145	10,852,693	11,294,286	14,557,134	34,003,032	5,522	4,928,064	45,911	20,567,769	37,468	19,036,618
		1880	1,183	26,847,937							18,021	7,442,109	15,033	
19	Burlington, Iowa	1900	340	5,235,624	1,284,792	499,200	1,169,563	2,282,069	303	203,540	2,598	1,013,998	2,199	945,303
		1890	223	3,963,986	443,400	513,430	961,167	2,045,989	329	266,764	2,935	1,157,414	2,556	1,091,023
20	Cambridge, Mass	1900	782	26,662,751	1,951,228	3,799,781	5,995,583	14,916,159	1,095	1,160,805	12,986	6,785,070	9,894	5,864,500
		1890	1,232	20,331,585	1,614,494	2,346,951	3,310,972	13,059,168	1,677	1,261,850	12,581	6,497,963	9,806	5,724,949
		1880	379	6,480,799							7,543	3,416,470	6,205	
21	Camden, N. J	1900	817	16,430,611	1,427,045	2,372,518	4,166,668	8,464,380	736	715,598	8,941	3,824,434	6,546	3,289,453
		1890	658	15,244,506	1,932,280	2,177,320	3,490,831	7,644,075	918	798,398	9,444	4,759,182	7,165	4,255,379
		1880	[1]320	5,023,835							4,312	1,615,506	3,285	
22	Canton, Ohio	1900	502	10,094,813	935,518	1,625,524	1,959,271	5,574,500	562	523,561	6,455	2,970,245	5,530	2,735,277
		1890	420	11,387,406	752,132	1,365,067	1,816,936	7,453,271	693	572,112	6,360	3,208,641	5,519	2,887,056
23	Charleston, S. C	1900	364	12,473,187	515,003	2,047,951	1,822,032	8,088,201	268	291,148	5,027	1,489,966	4,017	1,340,062
		1890	566	7,345,459	1,065,598	1,822,760	1,941,105	2,515,996	820	546,289	4,684	1,779,789	3,657	1,577,886
		1880	194	1,718,300							2,146	639,030	1,788	
24	Chattanooga, Tenn	1900	332	8,103,870	666,583	1,402,205	1,752,453	4,282,629	486	442,348	5,472	1,889,795	4,899	1,780,270
		1890	294	7,405,646	1,365,372	871,946	1,602,362	3,565,966	541	500,364	5,200	2,246,523	4,754	2,145,743
25	Chelsea, Mass	1900	308	8,211,682	499,237	935,194	1,652,923	5,124,328	342	346,985	3,332	1,625,875	2,421	1,330,520
		1890	347	7,028,356	583,253	691,446	1,570,182	4,183,475	493	499,057	2,977	1,384,945	2,082	1,130,729
		1880	155	1,822,250							1,647	677,737	1,122	
26	Chester, Pa	1900	315	18,977,710	1,565,692	3,044,227	5,838,218	8,529,573	324	494,821	7,682	3,462,196	5,935	2,941,151
		1890	201	9,397,033	933,685	1,340,944	2,639,755	4,482,649	291	296,708	6,559	2,807,341	4,264	2,179,386

[1] The difference between the totals stated in the table for 1880 and those published in the reports of the Tenth Census is caused by the elimination of data which was duplicated in the Tenth Census under the head of "Mixed Textiles," such data having been also included in the totals of that census for the different branches of the textile industries.

CITIES SHOWN SEPARATELY FOR 1880, 1890, AND 1900.

omitted for 1880 were not reported separately at that census.]

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.				MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
1,666	$433,314	65	$8,544	$1,779,804	$56,626	$111,104	$1,236,162	$375,912	$13,474,282	$13,114,806	$359,476	$23,610,099	1
705	156,294	31	5,866	977,471	50,767	83,569	842,135	1,000	6,928,481	6,693,220	235,261	12,550,638	
2,541	739,767	114	21,250	2,383,917	309,631	105,062	1,747,941	221,283	11,121,501	10,865,899	255,602	24,992,021	2
2,616	660,307	134	19,833	1,909,304	285,385	505,909	1,020,245	97,765	11,773,241	11,510,769	262,472	25,531,486	
1,528	----------	428	----------	----------	----------	----------	----------	----------	12,509,362	----------	----------	21,751,009	
2,467	498,848	517	99,967	5,120,269	204,342	179,698	3,781,492	954,737	29,478,781	28,516,193	962,588	54,136,967	3
1,308	291,080	368	53,838	1,728,571	199,324	486,485	1,001,152	41,610	14,231,758	13,867,374	364,384	26,878,979	
614	----------	308	----------	----------	----------	----------	----------	----------	8,818,153	----------	----------	13,731,792	
2,574	598,527	622	73,389	1,310,643	79,022	28,480	838,971	364,170	9,846,047	9,435,081	410,966	16,947,722	4
1,073	212,139	372	43,324	532,875	55,336	74,887	325,782	76,870	5,102,911	4,665,908	437,003	8,876,565	
432	95,013	200	30,468	350,501	39,385	10,887	242,741	57,488	8,376,488	8,182,520	193,968	14,250,656	5
174	34,625	72	8,226	241,121	39,917	30,836	150,868	19,500	6,133,222	5,981,955	151,267	10,497,019	
2,129	424,777	785	106,982	1,352,444	149,904	92,766	1,055,778	53,996	8,563,524	8,400,347	163,177	16,707,027	6
937	233,711	479	62,519	987,623	107,812	91,115	788,696	----------	5,914,571	5,780,553	134,018	13,074,037	
533	----------	394	----------	----------	----------	----------	----------	----------	3,159,267	----------	----------	4,861,727	
1,709	437,496	152	25,948	644,549	49,381	35,778	529,005	30,385	5,630,925	5,499,075	131,850	10,591,109	7
1,389	345,617	121	17,913	1,339,705	92,031	57,795	1,187,479	2,400	3,783,971	3,679,710	104,261	9,634,785	
752	----------	187	----------	----------	----------	----------	----------	----------	4,052,746	----------	----------	7,719,409	
2,081	382,634	670	70,135	617,178	61,152	117,213	433,713	5,100	6,234,176	6,098,234	135,942	10,041,900	8
1,586	363,490	583	69,032	526,539	64,344	143,615	318,580	----------	5,430,871	5,319,728	111,143	9,244,850	
511	----------	302	----------	----------	----------	----------	----------	----------	2,247,665	----------	----------	3,139,029	
23,710	5,149,416	4,074	576,819	14,512,809	1,654,441	677,341	9,660,685	2,520,342	87,175,134	85,947,690	1,227,444	161,249,240	9
21,030	4,394,325	1,833	232,780	8,771,869	1,355,723	3,413,478	3,540,562	462,106	73,770,001	72,595,082	1,174,919	141,723,599	
18,126	----------	4,110	----------	----------	----------	----------	----------	----------	47,966,447	----------	----------	78,397,064	
279	70,204	7	1,083	385,641	38,420	42,363	283,076	21,782	3,820,599	3,765,276	55,323	7,087,624	10
324	52,802	64	8,192	518,771	39,872	87,678	386,175	5,046	5,043,587	5,018,376	25,211	9,069,342	
21	----------	151	----------	----------	----------	----------	----------	----------	3,851,553	----------	----------	5,533,621	
2,113	579,134	23	3,555	1,040,419	86,397	29,385	893,400	31,237	6,339,365	6,231,353	108,012	12,638,547	11
2,521	663,696	203	32,153	907,357	141,408	341,659	344,140	80,150	7,659,007	7,560,650	98,357	15,040,152	
484	122,975	211	23,248	533,368	82,801	40,630	380,920	29,017	6,045,552	4,893,413	1,152,139	12,581,066	12
196	73,214	58	7,200	545,290	89,377	36,831	336,842	82,240	3,508,588	3,198,762	309,826	7,034,248	
242	48,868	27	3,878	202,807	36,983	15,393	117,326	33,105	2,008,907	1,958,324	50,583	3,845,768	13
168	36,882	59	5,982	223,532	30,313	25,375	119,179	48,665	2,025,949	1,977,329	48,620	4,081,001	
18,584	6,166,107	727	131,658	23,652,792	3,834,456	919,161	12,262,280	6,636,895	99,557,019	98,023,933	1,533,086	206,081,767	14
20,892	6,588,188	331	55,365	21,543,956	4,167,158	1,968,371	12,664,501	2,743,926	105,602,569	104,147,704	1,454,865	210,936,616	
18,070	----------	1,230	----------	----------	----------	----------	----------	----------	81,608,520	----------	----------	130,366,993	
5,446	1,609,413	246	59,948	2,564,392	196,367	106,339	2,040,428	221,258	19,133,236	18,709,995	423,241	37,883,721	15
2,804	927,585	191	39,928	1,442,378	160,787	137,458	1,133,963	10,170	10,428,987	10,165,910	263,077	22,274,635	
1,787	----------	225	----------	----------	----------	----------	----------	----------	4,805,339	----------	----------	10,418,212	
2,754	1,195,231	71	16,263	1,189,168	115,447	57,927	903,665	112,129	15,980,653	15,876,063	104,590	26,384,881	16
2,377	978,879	86	14,865	1,136,445	116,290	34,450	970,793	14,912	11,211,411	11,136,501	74,910	21,070,099	
21,563	6,131,684	1,814	294,363	25,778,955	3,053,585	1,244,126	19,001,186	2,480,058	213,474,921	210,168,348	3,306,573	342,127,124	17
19,227	5,288,789	1,419	232,711	15,743,164	2,992,401	3,196,789	9,362,382	191,592	151,060,710	148,560,361	2,500,349	269,244,147	
6,933	----------	3,424	----------	----------	----------	----------	----------	----------	128,966,171	----------	----------	177,022,398	
6,606	1,408,828	564	74,636	9,559,245	963,661	416,299	7,579,805	599,480	73,359,466	71,774,498	1,584,968	122,230,061	18
7,415	1,379,349	1,028	151,802	7,489,363	837,999	1,125,424	4,799,998	725,942	54,120,611	53,150,084	970,527	100,052,208	
1,795	----------	1,193	----------	----------	----------	----------	----------	----------	27,552,086	----------	----------	42,937,701	
312	56,744	87	11,951	414,819	53,785	22,350	305,053	33,631	2,809,536	2,753,641	55,895	5,334,196	19
264	47,664	115	18,727	259,615	46,755	31,086	168,904	12,870	3,099,200	3,051,337	47,863	5,413,138	
3,028	906,619	64	13,951	2,229,106	226,463	202,576	1,471,814	328,253	23,986,638	23,634,781	351,857	39,164,013	20
2,741	768,809	34	4,205	2,370,252	310,598	404,041	1,593,318	62,295	20,268,534	19,878,575	389,959	35,975,089	
1,172	----------	166	----------	----------	----------	----------	----------	----------	20,101,349	----------	----------	26,605,688	
2,115	493,605	280	41,376	1,487,751	114,274	58,317	909,243	405,917	11,499,151	11,194,586	304,565	20,451,874	21
2,107	477,462	172	26,341	709,452	155,824	58,528	489,900	5,200	11,816,151	11,565,460	250,691	21,145,637	
785	----------	242	----------	----------	----------	----------	----------	----------	4,337,285	----------	----------	7,618,705	
903	231,657	22	3,311	1,081,809	45,345	49,913	765,643	220,908	5,604,399	5,406,643	197,756	12,258,427	22
822	318,212	19	3,373	952,010	39,186	58,781	697,647	156,396	4,948,508	4,834,778	113,730	11,881,810	
790	133,647	220	16,257	796,573	45,787	85,226	654,329	11,231	5,633,578	5,499,100	134,478	9,562,387	23
932	187,667	95	14,236	464,172	86,202	96,326	280,284	1,360	4,753,396	4,666,290	87,106	9,005,421	
150	----------	208	----------	----------	----------	----------	----------	----------	1,468,375	----------	----------	2,732,590	
432	94,530	141	14,995	778,998	55,543	46,205	631,932	45,218	7,322,503	6,882,605	439,898	12,033,780	24
263	74,592	183	26,188	909,518	58,178	75,991	409,988	365,361	4,937,902	4,575,272	362,630	10,216,109	
902	293,908	9	1,447	678,248	55,349	55,155	463,759	103,985	5,764,409	5,666,973	97,436	10,333,549	25
879	251,300	16	2,916	547,110	83,035	53,919	394,156	16,000	4,681,291	4,587,223	94,068	8,158,207	
500	----------	25	----------	----------	----------	----------	----------	----------	2,691,911	----------	----------	3,846,250	
1,451	469,662	296	51,383	1,222,400	87,265	41,259	802,561	291,315	9,261,886	8,782,471	479,415	16,421,725	26
1,749	531,777	546	96,178	608,831	49,724	29,322	440,415	89,370	6,844,825	6,664,406	180,419	11,864,899	

TABLE 2.—COMPARATIVE SUMMARY FOR THE PRINCIPAL

	Cities.	Year.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Total. Wages.	Men, 16 years and over. Average number.	Men, 16 years and over. Wages.
27	Chicago, Ill	1900	19,203	$534,000,689	$54,226,853	$71,586,976	$142,136,393	$266,050,467	35,003	$34,374,733	262,621	$131,065,337	210,687	$116,525,569
		1890	9,977	359,739,598	50,643,484	45,308,301	70,449,578	193,338,235	19,745	19,885,079	190,621	104,069,922	164,309	96,230,356
		1880	[1]3,518	68,831,885							79,391	34,646,812	62,421	
28	Cincinnati, Ohio	1900	5,127	109,582,142	10,024,369	18,894,633	23,414,761	62,248,379	6,657	6,776,141	63,240	27,189,069	46,882	23,275,688
		1890	7,832	104,483,032	10,302,728	12,469,589	15,289,272	66,421,443	12,522	10,962,821	84,167	36,728,511	63,563	32,193,651
		1880	[1]3,275	50,531,900							54,513	19,553,029	38,993	
29	Cleveland, Ohio	1900	2,927	98,303,682	7,649,793	12,094,490	28,116,093	50,443,306	5,410	5,732,145	58,810	27,892,689	49,240	25,582,476
		1890	2,307	69,732,761	6,962,936	8,782,511	18,228,505	35,758,809	4,759	4,847,565	45,915	23,507,940	40,005	22,103,278
		1880	1,055	19,430,989							21,724	8,502,935	18,018	
30	Cohoes, N. Y	1900	316	11,316,482	256,835	2,429,154	3,762,828	4,867,665	215	257,138	8,673	3,140,668	4,246	1,755,035
		1890	212	11,275,137	155,082	2,777,427	4,727,464	3,615,164	298	274,027	8,641	2,881,923	3,963	1,641,001
31	Columbus, Ohio	1900	914	25,392,136	2,456,310	3,644,451	6,966,529	12,324,846	1,759	1,644,304	17,066	7,718,824	14,528	7,091,119
		1890	708	16,178,703	2,160,424	2,020,579	2,900,557	9,097,143	1,368	1,207,892	12,053	5,658,096	10,231	5,195,575
		1880	316	5,379,401							5,490	1,961,394	4,935	
32	Council Bluffs, Iowa	1900	198	1,176,408	118,838	188,162	378,428	490,980	126	110,013	1,179	609,905	1,034	578,270
		1890	128	1,292,283	188,990	255,910	214,839	632,544	145	120,959	1,469	701,723	1,313	675,427
33	Covington, Ky	1900	404	4,754,786	452,285	719,298	1,665,406	1,917,797	218	215,860	3,972	1,555,089	3,066	1,381,411
		1890	1,308	6,897,380	820,450	848,950	1,583,653	3,644,327	1,491	1,275,756	6,111	2,956,263	5,344	2,786,686
		1880	181	3,182,141							2,925	1,033,463	2,251	
34	Dallas, Tex	1900	373	6,897,015	419,074	845,097	1,757,153	3,875,691	540	547,271	3,756	1,852,485	2,947	1,666,150
		1890	312	5,250,118	614,284	550,147	1,641,013	2,444,674	528	505,270	3,554	2,015,369	2,891	1,858,745
35	Davenport, Iowa	1900	416	10,774,707	1,862,998	2,157,409	2,921,106	3,833,194	458	455,082	4,348	1,892,737	3,330	1,657,089
		1890	475	8,732,122	1,184,579	1,151,730	1,569,483	4,826,330	675	573,507	4,461	1,640,495	3,295	1,458,570
		1880	188	2,806,222							1,705	685,469	1,473	
36	Dayton, Ohio	1900	1,096	28,027,518	1,822,675	3,936,778	4,861,843	17,406,222	1,455	1,570,994	16,869	7,959,792	13,576	7,059,503
		1890	937	13,469,964	1,358,272	1,879,370	2,900,344	7,331,978	1,433	1,163,336	10,614	4,737,383	8,567	4,264,875
		1880	495	6,063,334							6,025	2,293,630	5,071	
37	Denver, Colo	1900	1,474	30,883,046	2,898,293	7,924,109	10,668,624	9,392,020	1,139	1,243,703	10,926	6,824,003	9,561	6,330,903
		1890	762	16,811,868	2,589,650	1,599,610	4,221,479	8,401,129	1,330	1,723,935	9,283	6,653,585	8,138	6,186,040
		1880	259	2,301,850							2,944	1,574,438	2,550	
38	Des Moines, Iowa	1900	494	7,911,764	568,677	887,160	2,348,422	4,107,505	730	596,750	4,557	1,942,509	3,640	1,727,094
		1890	330	3,877,140	455,699	639,917	991,704	1,789,820	515	437,252	3,420	1,631,107	2,876	1,492,415
		1880	155	1,463,250							1,378	667,699	1,211	
39	Detroit, Mich	1900	2,847	71,751,193	5,736,363	8,399,579	21,571,058	36,044,193	5,448	5,042,299	45,707	18,718,081	33,943	16,177,088
		1890	1,746	45,041,167	4,992,336	5,374,948	9,078,467	25,595,416	3,643	3,410,138	34,535	15,490,171	28,722	14,155,425
		1880	919	15,594,479							16,110	6,306,460	12,477	
40	Dubuque, Iowa	1900	460	8,117,358	855,053	1,262,088	1,231,064	4,769,153	579	455,306	5,503	2,012,153	4,242	1,785,760
		1890	262	7,016,802	863,012	1,072,593	1,109,283	3,971,914	459	418,004	4,198	1,715,876	3,688	1,601,769
		1880	346	3,446,866							3,003	1,339,730	2,619	
41	Duluth, Minn	1900	433	8,872,940	2,728,821	618,712	1,615,678	3,909,729	245	245,448	3,998	2,145,444	3,682	2,063,098
		1890	278	5,332,447	1,319,800	352,950	1,197,397	2,462,300	437	348,116	3,315	1,750,577	3,165	1,710,882
42	Elizabeth, N. J	1900	419	15,665,545	1,561,044	2,835,401	3,520,742	7,748,358	564	731,152	10,497	6,024,497	9,580	5,776,698
		1890	190	7,785,553	605,130	1,452,818	2,157,674	3,569,931	293	376,624	6,268	3,351,348	5,576	3,148,332
		1880	149	2,453,180							3,849	1,740,456	3,151	
43	Elmira, N. Y	1900	362	7,365,534	534,504	953,706	1,776,104	4,101,220	315	276,897	4,914	1,965,056	3,504	1,683,952
		1890	539	6,895,180	561,975	828,120	1,649,400	3,855,685	539	630,041	4,332	1,874,565	3,564	1,716,170
		1880	[1]262	2,653,762							2,673	1,020,196	2,249	
44	Erie, Pa	1900	644	20,418,016	1,361,284	3,483,998	5,543,480	10,029,254	679	702,343	9,339	4,574,625	8,389	4,343,584
		1890	236	12,812,594	1,006,898	1,665,879	2,510,616	7,629,201	566	580,072	6,463	3,248,366	6,016	3,172,220
		1880	167	4,730,503							3,767	1,518,085	3,284	
45	Evansville, Ind	1900	705	10,059,375	1,271,993	1,913,592	2,841,612	4,032,178	601	621,332	7,279	2,883,975	5,489	2,488,152
		1890	482	9,166,859	1,007,635	1,182,275	2,270,857	4,706,092	620	533,131	6,815	2,664,797	5,223	2,377,612
		1880	312	4,673,815							3,609	1,356,006	2,915	
46	Fall River, Mass	1900	785	58,549,934	3,549,360	11,351,847	24,004,987	19,643,740	615	918,442	32,780	11,739,129	17,686	7,227,218
		1890	397	37,199,470	2,454,242	7,584,841	17,188,915	9,971,472	555	562,677	22,987	8,213,045	12,201	5,083,682
		1880	258	25,076,518							17,085	4,659,077	8,232	
47	Fitchburg, Mass	1900	308	13,033,898	1,181,833	1,683,684	2,822,108	7,346,273	322	376,675	6,796	3,113,078	4,794	2,512,222
		1890	323	7,563,522	582,467	959,272	2,168,058	3,853,725	418	382,733	5,079	2,396,811	3,608	1,967,634
48	Fort Wayne, Ind	1900	397	9,203,613	832,008	1,219,292	2,221,238	4,931,075	653	631,513	7,255	2,928,969	5,260	2,578,217
		1890	235	6,999,600	609,430	980,679	1,081,735	4,327,756	367	294,762	5,644	2,381,554	5,063	2,252,536
		1880	114	2,352,101							2,735	1,020,793	2,426	
49	Fort Worth, Tex	1900	209	2,668,045	205,014	509,469	805,858	1,147,704	131	145,904	1,449	845,477	1,349	817,555
		1890	316	3,194,032	519,292	354,731	713,140	1,606,869	375	329,075	2,368	1,618,073	2,156	1,551,084
50	Galveston, Tex	1900	295	6,073,845	983,243	1,287,357	2,016,847	1,786,398	153	183,996	2,058	981,827	1,593	881,024
		1890	190	5,122,612	1,469,670	762,864	1,341,944	1,548,134	253	279,206	1,679	962,093	1,345	877,813
		1880	170	871,350							684	499,785	633	
51	Gloucester, Mass	1900	392	4,687,559	434,532	585,650	917,112	2,750,265	235	199,436	3,379	1,428,896	2,750	1,270,917
		1890	206	2,763,284	180,773	290,909	455,485	1,836,117	156	112,965	1,563	751,581	1,159	640,560

[1] The difference between the totals stated in the table for 1880 and those published in the reports of the Tenth Census is caused by the elimination of data which was duplicated in the Tenth Census under the head of "Mixed Textiles," such data having been also included in the totals of that census for the different branches of the textile industries.

CITIES SHOWN SEPARATELY FOR 1880, 1890, AND 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.				MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.										
44,961	$13,218,194	6,973	$1,321,574	$80,414,823	$7,394,488	$2,322,950	$55,222,254	$15,475,131	$538,401,562	$527,421,626	$10,979,936	$888,945,311	27
23,760	7,362,635	2,552	476,931	43,235,427	5,473,644	9,956,604	25,567,639	2,237,540	409,493,027	402,897,950	6,595,077	664,567,923	
12,173		4,797							179,194,925			248,995,848	
15,314	3,761,098	1,044	152,283	22,873,620	1,649,757	562,399	17,792,211	2,869,253	77,539,292	76,516,468	1,022,824	157,806,834	28
18,956	4,282,215	1,648	252,645	19,937,152	2,682,820	10,316,363	6,283,022	654,947	92,545,231	91,418,097	1,127,134	196,063,983	
10,481		5,039							62,374,570			105,255,165	
9,074	2,216,588	496	93,625	11,565,697	1,040,108	515,999	7,844,372	2,165,218	71,597,595	68,738,696	2,858,899	139,849,806	29
4,758	1,185,554	1,152	219,108	4,902,256	714,236	786,390	3,375,224	26,406	65,645,649	62,597,231	3,048,418	113,240,115	
2,286		1,420							31,629,737			48,604,050	
4,049	1,309,678	378	75,955	653,130	59,023	83,959	489,123	21,025	6,120,342	5,910,552	209,790	11,636,130	30
3,986	1,131,742	692	109,180	741,435	124,841	108,426	506,386	1,282	5,739,987	5,572,946	167,041	10,836,260	
2,269	580,440	269	47,265	4,014,022	248,685	172,783	3,356,749	235,805	20,194,532	19,269,281	925,251	39,666,848	31
1,632	431,019	190	31,502	1,715,056	207,355	302,601	1,046,449	158,651	11,183,710	10,755,489	428,221	22,887,586	
289		266							5,534,496			9,646,679	
121	27,865	24	3,770	160,871	26,780	8,129	125,962		1,224,814	1,188,049	36,765	2,596,830	32
117	21,932	39	4,364	92,886	25,708	9,563	57,615		1,272,946	1,235,443	37,503	2,527,388	
760	151,834	146	21,844	835,445	53,504	39,300	642,156	100,485	3,107,926	2,989,782	118,144	6,803,032	33
762	168,746	5	831	1,026,579	152,971	325,128	331,640	216,840	8,228,079	8,091,483	136,596	15,999,575	
223		451							3,935,727			5,864,530	
618	157,169	191	29,166	665,954	98,388	38,631	451,747	77,188	6,270,870	6,137,509	133,361	11,480,499	34
472	125,042	191	31,582	595,257	103,517	62,747	385,293	43,700	4,354,769	4,255,576	99,193	9,054,766	
859	212,665	159	22,983	855,397	76,598	44,681	650,735	83,383	6,854,677	6,665,896	188,781	11,573,670	35
963	166,057	203	15,868	780,201	87,139	110,924	432,803	149,335	6,098,349	6,003,454	94,895	10,357,232	
82		150							2,960,668			4,468,978	
3,143	875,781	150	24,508	3,295,885	215,072	141,852	2,650,595	288,366	16,800,911	16,487,140	313,771	35,697,695	36
1,886	446,567	161	25,941	1,459,655	159,912	297,477	939,352	62,914	11,686,149	11,506,457	179,692	22,446,572	
513		441							6,434,225			11,985,483	
1,275	474,249	90	18,851	2,409,785	435,196	142,420	1,527,371	304,798	24,572,199	23,806,530	765,669	41,368,698	37
998	435,717	147	31,828	1,340,868	497,537	262,378	577,953	3,000	14,216,549	13,887,569	328,980	29,240,747	
264		130							5,715,215			9,367,749	
817	198,522	100	16,893	894,691	133,185	42,041	612,354	107,111	4,975,568	4,805,477	170,091	10,488,189	38
487	129,928	57	8,764	442,162	112,230	34,198	295,434	300	4,408,377	4,342,478	65,899	7,931,272	
71		96							2,810,396			4,220,709	
10,469	2,366,758	1,295	174,235	10,844,958	812,665	431,403	8,785,906	814,984	52,349,347	51,344,784	1,004,563	100,892,838	39
5,130	1,237,683	683	97,063	5,947,307	631,122	1,772,256	3,198,725	345,204	41,360,058	40,358,248	1,001,810	77,351,546	
2,430		1,203							18,150,995			30,181,416	
1,150	208,829	111	17,564	1,028,245	86,627	53,043	775,227	113,348	5,930,017	5,836,084	93,933	10,952,204	40
441	105,978	69	8,129	564,377	54,216	115,057	394,804	300	5,984,431	5,893,669	90,762	9,894,860	
292		92							3,837,846			6,328,889	
275	71,426	41	10,920	572,266	112,221	41,543	353,882	64,620	5,861,499	5,792,369	69,130	10,628,957	41
134	37,325	16	2,370	412,496	90,589	43,993	129,987	147,927	5,435,654	5,406,587	29,067	8,811,723	
856	234,398	61	13,401	1,351,411	78,031	68,911	986,875	217,594	9,882,821	9,664,107	218,714	20,546,468	42
515	149,802	177	53,214	371,214	37,051	94,719	234,544	4,900	4,511,626	4,363,714	147,912	10,489,364	
216		482							2,915,851			6,828,027	
1,243	257,863	167	23,241	486,960	59,226	22,519	397,118	8,097	4,961,635	4,836,140	125,495	8,558,786	43
689	144,223	79	14,172	538,070	73,931	64,165	372,737	27,237	4,593,241	4,400,957	192,284	8,844,936	
306		118							3,114,412			4,857,783	
699	183,811	251	47,230	1,197,411	106,948	64,153	916,462	109,848	9,107,305	8,796,402	310,903	19,053,202	44
192	34,364	255	41,782	718,157	45,999	92,648	576,110	3,400	6,145,680	5,991,356	154,324	12,765,768	
207		276							4,879,319			7,683,356	
1,652	375,627	138	20,196	988,542	99,453	90,633	726,299	72,157	7,504,660	7,377,122	127,538	14,193,320	45
1,216	241,312	376	45,873	804,871	98,859	210,108	397,404	98,500	6,875,575	6,785,674	89,901	12,809,334	
307		387							4,892,690			7,941,914	
13,374	4,195,926	1,720	315,985	3,249,083	138,477	641,207	2,201,332	268,067	19,789,859	18,934,478	855,381	43,071,530	46
9,560	2,925,524	1,226	203,839	2,063,945	88,231	476,325	1,499,389		17,685,671	17,000,327	685,344	32,519,281	
6,723		2,130							10,552,192			18,913,584	
1,757	551,428	245	49,428	749,165	74,801	93,813	552,060	28,491	8,062,713	7,790,815	271,898	14,253,522	47
1,267	393,457	204	35,720	746,602	57,993	63,501	608,198	16,910	6,414,105	6,224,209	189,896	11,225,036	
1,827	329,893	168	20,859	730,122	77,250	45,894	589,318	17,660	6,597,414	6,452,618	144,796	12,525,222	48
537	124,237	44	4,781	307,999	49,879	66,823	191,297		5,048,585	4,954,637	93,948	9,301,946	
164		145							4,007,955			5,816,924	
82	25,134	18	2,788	392,377	42,721	23,363	305,032	21,261	3,348,550	3,248,310	100,240	5,332,804	49
181	61,577	31	5,412	286,452	57,833	67,384	143,635	17,600	3,435,446	3,355,011	80,435	6,826,083	
333	78,206	132	22,597	477,229	66,753	43,760	348,329	18,387	2,618,996	2,528,432	90,564	5,016,360	50
258	73,345	76	10,935	405,270	69,206	45,524	273,907	16,633	3,253,088	3,185,514	67,574	5,724,545	
15		36							1,283,246			2,375,965	
629	157,979			349,839	59,075	37,175	235,664	17,925	4,862,660	4,801,723	60,937	7,843,783	51
402	110,501	2	520	156,668	38,769	17,463	100,336	100	3,220,601	3,171,258	49,343	4,851,405	

TABLE 2.—COMPARATIVE SUMMARY FOR THE PRINCIPAL

	Cities.	Year.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Total. Wages.	Men, 16 years and over. Average number.	Men, 16 years and over. Wages.
52	Grand Rapids, Mich	1900	824	$23,433,760	$1,879,079	$3,460,600	$5,741,799	$12,352,282	1,197	$1,166,472	14,361	$5,904,670	12,625	$5,518,660
		1890	869	15,945,947	2,559,967	1,904,552	2,664,585	8,816,843	1,413	1,231,132	11,869	5,279,617	10,546	5,015,206
		1880	355	4,864,298							5,172	1,895,072	4,509	
53	Harrisburg, Pa	1900	446	8,749,516	941,464	1,316,977	2,177,204	4,313,871	404	391,086	7,362	2,949,544	5,435	2,593,264
		1890	475	6,716,074	660,233	1,165,047	1,503,101	3,387,693	584	420,650	6,314	2,947,291	5,485	2,766,129
		1880	274	4,026,457							3,660	1,236,522	3,243	
54	Hartford, Conn	1900	888	30,500,047	1,748,268	5,016,138	8,065,155	15,670,486	1,267	1,475,519	13,363	7,603,809	11,597	7,068,658
		1890	513	14,126,282	826,800	1,514,650	3,740,859	8,043,973	710	695,090	8,311	4,829,428	7,072	4,439,048
		1880	268	9,679,126							6,300	2,848,041	4,573	
55	Haverhill, Mass	1900	685	6,801,565	227,775	489,658	1,618,515	4,465,617	501	380,014	10,600	5,035,882	7,270	3,909,154
		1890	734	8,084,272	149,750	188,584	1,261,060	6,484,878	1,063	835,056	14,138	6,097,574	10,495	4,808,985
56	Hoboken, N. J	1900	399	8,331,015	885,595	1,057,447	1,967,094	4,420,879	420	510,166	6,443	3,076,235	4,698	2,665,920
		1890	289	3,948,782	479,450	626,395	1,058,090	1,784,847	365	364,608	2,982	1,899,628	2,500	1,775,395
		1880	120	484,020							714	281,444	610	
57	Holyoke, Mass	1900	433	26,760,031	2,823,067	4,356,487	6,524,352	13,056,125	628	843,399	13,454	5,730,998	7,705	4,025,971
		1890	493	24,411,939	1,997,659	4,200,975	5,782,337	12,430,968	834	872,988	12,305	5,324,935	6,840	3,701,692
		1880	122	8,763,903							8,794	2,693,142	4,340	
58	Houston, Tex	1900	509	6,955,350	721,695	1,240,482	2,370,966	2,622,207	309	339,990	4,588	2,409,250	4,295	2,836,096
		1890	210	3,509,434	439,950	561,007	1,273,586	1,234,891	298	293,850	2,711	1,353,628	2,506	1,292,310
59	Indianapolis, Ind	1900	1,910	36,828,114	3,368,676	5,180,343	10,363,247	17,915,848	2,636	2,445,785	25,511	10,882,914	21,181	9,919,544
		1890	1,189	15,266,685	1,286,594	2,061,397	3,310,829	8,607,865	2,034	1,794,756	16,027	7,060,056	12,600	6,426,576
		1880	688	10,049,500							10,000	3,917,114	8,671	
60	Jackson, Mich	1900	291	4,617,656	273,428	625,426	920,187	2,798,615	389	362,462	4,206	1,666,680	2,914	1,321,023
		1890	220	4,979,444	261,850	477,146	767,043	3,473,405	372	286,509	3,258	1,128,657	2,491	982,802
61	Jersey City, N. J	1900	965	80,327,678	5,743,192	7,865,798	28,767,810	37,950,878	1,676	2,095,778	19,499	9,126,042	14,996	8,066,109
		1890	726	18,165,094	1,933,125	2,400,475	3,782,240	10,049,254	1,457	1,564,388	11,412	6,243,882	9,572	5,755,252
		1880	584	11,899,915							11,138	4,622,655	7,962	
62	Johnstown, Pa	1900	248	16,940,450	929,865	3,065,682	6,944,427	6,000,476	394	449,133	6,116	3,213,189	5,918	3,166,356
		1890	113	13,280,296	1,627,362	1,336,455	4,880,256	5,436,223	276	251,932	5,369	2,879,569	5,227	2,849,513
63	Joliet, Ill	1900	455	15,452,196	3,138,450	1,919,258	3,984,885	6,409,603	407	359,105	6,523	3,957,529	6,271	3,899,701
		1890	271	9,418,932	562,050	1,242,445	2,401,788	5,212,649	317	259,046	2,866	1,723,512	2,708	1,692,827
64	Kansas City, Kans	1900	492	18,633,475	1,063,395	3,062,529	2,092,747	12,414,804	2,075	1,918,251	10,544	4,886,259	9,884	4,589,885
		1890	234	11,629,703	1,629,500	2,332,905	1,362,734	6,304,564	478	440,084	6,855	3,667,239	6,404	3,543,638
65	Kansas City, Mo	1900	1,797	26,437,307	2,246,097	2,236,955	11,947,799	10,006,456	1,514	1,449,221	15,381	7,783,652	11,814	6,899,848
		1890	1,478	14,104,620	2,379,675	1,391,340	4,081,544	6,252,061	2,146	2,003,370	12,611	7,445,326	11,054	6,994,172
		1880	224	2,147,305							2,548	1,420,713	2,127	
66	Kingston, N. Y	1900	344	3,657,551	558,200	566,573	1,069,041	1,463,737	169	158,913	2,685	1,245,557	2,161	1,127,028
		1890	198	3,251,835	489,935	518,180	747,355	1,496,365	192	177,000	2,238	929,678	2,000	860,374
67	Knoxville, Tenn	1900	218	5,151,130	241,113	585,808	2,225,831	2,098,378	268	257,387	4,714	1,473,543	3,096	1,231,582
		1890	205	3,045,661	542,850	366,375	704,858	1,431,578	367	306,935	2,746	1,355,566	2,512	1,307,490
68	La Crosse, Wis	1900	255	7,230,360	1,049,415	1,117,735	1,259,962	3,803,248	300	310,436	3,009	1,105,985	2,231	960,116
		1890	200	10,039,872	2,386,648	875,800	1,769,987	5,007,437	283	270,363	3,844	1,387,362	3,386	1,305,825
69	Lancaster, Pa	1900	738	10,803,464	772,515	1,901,955	3,132,296	4,996,698	427	398,934	9,349	3,323,748	5,585	2,416,060
		1890	599	7,691,314	653,925	1,035,810	1,852,828	4,148,751	849	490,345	7,330	2,219,917	4,783	1,723,250
		1880	313	3,792,740							4,252	1,177,249	2,741	
70	Lawrence, Mass	1900	546	49,914,035	3,867,090	5,957,135	11,734,372	28,355,438	681	1,011,243	22,358	8,972,310	12,998	5,929,767
		1890	583	29,626,806	2,166,464	4,425,586	7,416,393	15,618,363	708	631,329	15,568	6,092,054	8,641	4,022,926
		1880	228	16,098,977							14,372	4,754,755	6,652	
71	Lewiston, Me	1900	282	10,984,871	601,250	2,040,082	3,700,081	4,643,458	181	202,483	7,159	2,509,030	3,837	1,580,907
		1890	214	8,324,231	263,428	1,702,500	2,902,812	3,455,491	297	267,282	7,076	2,418,907	3,618	1,518,017
72	Lexington, Ky	1900	272	1,707,118	132,335	276,830	589,247	708,706	167	117,933	1,464	556,613	1,236	516,123
		1890	183	1,619,880	197,175	231,740	436,210	754,755	266	266,666	1,279	550,026	1,016	500,516
73	Lincoln, Nebr	1900	250	2,608,992	157,800	381,515	1,078,850	990,827	244	207,544	1,736	789,356	1,485	723,579
		1890	182	2,360,454	251,762	233,340	641,316	1,234,036	281	263,743	1,640	898,003	1,460	848,920
74	Lincoln, R. I[1]	1900	175	9,523,576	570,832	2,275,438	2,405,134	4,272,172	112	183,667	4,737	1,791,621	2,529	1,158,461
		1890	149	7,677,864	484,733	1,112,316	3,179,532	2,901,283	170	142,826	4,751	1,816,839	2,404	1,133,900
75	Little Rock, Ark	1900	171	3,434,393	318,962	467,877	1,407,104	1,240,450	292	249,943	2,751	1,384,722	2,512	1,339,015
		1890	124	2,265,324	239,747	291,750	863,073	870,754	201	195,505	1,333	635,352	1,236	610,387
76	Los Angeles, Cal	1900	1,415	11,742,838	1,014,352	1,214,411	3,510,617	6,003,458	939	840,855	8,044	3,992,733	6,389	3,576,618
		1890	750	6,811,488	841,917	683,912	2,131,358	3,154,301	1,085	1,121,514	3,872	2,347,094	3,141	2,152,837
77	Louisville, Ky	1900	2,307	49,334,701	4,368,981	6,929,847	11,196,678	26,839,195	2,893	2,929,141	29,926	10,945,720	23,348	9,638,562
		1890	1,700	36,086,985	3,668,345	5,183,958	6,468,718	20,765,964	3,039	2,528,403	24,159	9,844,468	18,137	8,546,779
		1880	1,105	21,357,013							17,103	5,734,683	13,401	
78	Lowell, Mass	1900	981	46,578,193	3,602,780	6,706,287	8,310,868	27,958,258	820	992,781	31,377	11,821,633	17,082	7,862,328
		1890	853	41,911,708	4,370,589	6,263,721	10,203,107	21,074,291	1,377	1,198,984	27,778	10,044,408	14,084	6,341,495
		1880	283	20,465,192							20,039	5,996,591	9,218	

[1] The city of Central Falls, R. I., was part of Lincoln in 1890, and the figures shown for 1900 are the 2 cities combined for comparative purposes.

CITIES SHOWN SEPARATELY FOR 1880, 1890, AND 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.				MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.										
1,613	$365,885	123	$20,125	$1,950,456	$162,152	$111,798	$1,538,536	$137,970	$12,348,978	$12,107,393	$241,585	$24,824,042	52
1,039	224,293	284	40,118	1,289,458	176,363	160,591	924,367	28,137	9,391,615	9,240,260	151,355	19,851,181	
295		368							3,956,663			7,405,007	
1,812	342,986	115	13,294	646,950	141,425	24,365	380,105	101,055	9,402,516	8,992,718	409,798	16,064,597	53
789	176,448	40	4,714	428,757	114,007	45,352	269,398		5,432,303	4,930,072	502,231	10,538,444	
264		153							4,975,276			7,663,416	
1,698	521,065	68	14,086	3,375,585	252,105	118,180	1,666,192	1,339,108	14,103,167	13,791,041	312,126	31,145,715	54
1,198	385,266	41	5,114	886,428	208,637	128,166	516,947	32,678	7,964,936	7,809,452	155,484	17,164,318	
1,373		354							6,467,460			11,437,200	
3,274	1,114,133	56	12,595	1,886,232	196,125	41,962	369,620	728,525	15,628,972	15,497,631	131,341	24,937,073	55
3,628	1,284,544	15	4,045	1,777,142	233,078	36,614	443,565	1,063,885	13,635,969	13,528,014	107,955	25,394,530	
1,377	331,755	368	78,560	878,470	158,295	39,236	655,036	25,903	5,724,626	5,612,488	112,138	12,092,872	56
434	120,913	48	3,320	228,743	85,873	26,083	116,787		3,585,921	3,541,297	44,624	7,151,391	
53		51							586,746			1,046,136	
5,150	1,585,232	599	119,795	1,976,024	117,682	238,212	1,352,301	267,829	13,673,969	13,017,607	656,362	26,283,964	57
5,013	1,539,852	452	83,391	1,683,226	138,661	177,701	1,285,614	81,250	13,574,788	13,118,434	456,354	26,060,315	
3,749		705							7,439,573			13,286,047	
230	64,151	63	9,003	663,426	81,950	41,297	529,472	10,707	5,792,571	5,604,374	188,197	10,641,575	58
122	37,346	83	23,972	313,114	60,374	18,471	234,269		3,638,205	3,565,044	73,161	6,832,943	
4,065	926,221	265	37,149	5,389,394	432,823	216,794	3,184,970	1,554,807	42,055,634	41,449,677	605,957	68,607,579	59
2,871	557,960	556	75,520	2,080,733	301,187	250,479	1,230,742	298,325	21,247,116	21,027,438	219,678	36,426,974	
830		499							19,198,102			27,453,089	
1,270	342,211	22	3,446	480,757	48,780	22,448	344,807	64,722	4,223,891	4,106,325	117,566	7,587,526	60
703	139,100	64	6,755	337,634	49,256	25,501	217,675	45,202	2,782,640	2,676,080	106,560	5,376,347	
4,139	995,646	364	64,287	6,528,570	427,126	258,104	5,509,434	333,906	52,254,465	51,495,525	758,940	77,225,116	61
1,521	440,539	319	48,091	1,893,926	463,734	177,646	1,180,546	72,000	23,206,834	22,912,788	294,046	37,376,322	
2,426		750							49,738,985			60,473,905	
98	26,129	100	20,704	1,922,080	245,423	62,923	1,543,800	69,934	14,445,126	13,066,883	1,378,243	22,559,890	62
53	13,447	89	16,609	789,343	12,968	20,206	740,977	15,192	13,137,331	12,134,004	1,003,327	18,422,989	
213	49,274	39	8,554	1,718,339	51,459	75,219	1,320,660	271,001	17,891,836	16,002,395	1,889,441	27,765,104	63
84	21,578	74	9,107	551,539	39,283	66,931	248,115	197,210	8,884,684	7,798,389	1,086,295	12,732,933	
812	230,933	348	65,441	2,643,077	88,336	122,694	2,356,976	75,071	70,386,491	69,914,739	471,752	82,768,943	64
347	101,668	104	21,983	3,243,969	36,411	44,481	3,147,327	15,750	34,236,637	34,034,415	202,222	44,079,389	
3,268	830,195	299	53,609	3,545,069	494,411	128,183	1,906,552	1,015,923	18,214,198	17,788,730	425,468	36,527,392	65
1,408	423,543	149	27,611	1,901,313	474,648	67,977	1,358,688		16,361,184	16,021,600	339,584	31,936,366	
233		188							3,723,916			6,382,681	
503	114,301	21	4,228	327,143	40,346	22,554	264,062	181	2,560,822	2,464,679	96,143	5,280,478	66
203	62,174	35	7,130	323,553	26,338	141,921	153,974	1,320	1,730,637	1,636,887	93,750	4,009,574	
1,336	216,660	282	25,301	306,795	52,342	23,369	228,260	2,824	3,877,772	3,777,763	100,009	6,943,595	67
187	41,671	47	6,405	261,707	50,419	38,793	165,745	6,750	2,464,914	2,382,420	82,494	5,020,116	
733	140,345	45	5,524	864,006	31,515	42,412	752,675	37,404	4,965,850	4,852,452	113,398	8,281,749	68
382	69,757	76	11,780	703,625	24,108	159,935	509,582	10,000	5,971,572	5,930,836	40,736	9,157,501	
2,954	774,801	810	132,887	1,193,997	74,312	33,164	924,791	161,730	8,342,709	8,187,475	155,234	16,370,281	69
2,032	436,785	515	59,882	691,291	106,240	233,206	351,295	550	6,306,495	6,176,790	129,705	11,361,535	
1,044		467							2,942,312			5,404,937	
8,542	2,856,361	818	186,182	2,210,145	107,659	251,432	1,524,398	326,656	26,175,644	25,593,234	582,410	44,703,278	70
6,455	1,975,198	472	93,930	1,958,366	121,575	245,419	1,576,716	14,656	15,145,851	14,596,061	549,790	26,550,725	
6,849		871							11,979,848			21,646,357	
3,164	898,725	158	29,398	596,854	45,111	110,412	395,780	45,551	4,103,801	3,957,673	146,128	8,581,354	71
3,276	870,274	182	30,616	635,894	40,159	102,077	493,658		4,828,710	4,677,536	151,174	9,073,856	
200	38,023	28	2,467	263,536	46,349	13,017	144,884	59,286	1,492,152	1,456,473	35,679	3,033,007	72
244	48,088	19	1,422	124,915	38,594	18,937	67,384		1,256,739	1,215,604	41,135	2,708,445	
233	63,307	18	2,470	266,160	55,918	15,178	144,677	50,387	2,173,345	2,119,929	53,416	4,105,951	73
101	35,027	79	14,056	269,742	60,443	10,593	171,256	27,450	1,534,623	1,444,241	90,382	3,710,138	
1,954	581,568	254	51,592	326,921	18,845	59,081	137,783	111,212	3,936,311	3,799,323	136,988	7,493,658	74
1,918	614,099	429	68,840	388,222	17,054	44,535	326,633		2,980,984	2,850,197	130,787	5,900,140	
191	40,915	48	4,792	295,156	47,166	19,358	221,268	7,364	1,990,081	1,902,129	87,952	4,723,118	75
72	21,489	25	3,476	254,227	39,985	16,189	183,653	14,400	1,396,773	1,312,681	84,092	3,120,677	
1,465	381,042	190	35,073	1,513,393	346,853	63,197	792,341	311,002	10,572,660	10,290,368	282,292	21,297,537	76
682	184,914	49	9,343	680,897	196,726	50,421	289,178	144,572	5,014,034	4,783,567	230,467	9,893,835	
5,175	1,136,945	1,403	170,213	13,145,595	462,452	286,338	11,618,542	778,263	41,016,391	40,369,370	647,021	78,746,390	77
4,885	1,141,259	1,137	156,430	6,250,230	437,522	2,602,732	3,030,422	179,554	28,033,840	27,477,109	556,731	54,515,226	
2,675		1,027							20,760,540			34,768,874	
12,986	3,710,401	1,309	248,904	4,639,877	234,276	413,044	3,814,451	178,106	21,727,844	21,132,505	595,339	44,774,525	78
13,082	3,603,870	612	99,043	4,150,844	256,266	400,346	3,493,932	300	22,996,138	22,410,513	585,625	42,450,509	
9,503		1,318							16,315,062			33,935,777	

TABLE 2.—COMPARATIVE SUMMARY FOR THE PRINCIPAL

	Cities.	Year.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Total. Wages.	Men, 16 years and over. Average number.	Men, 16 years and over. Wages.
79	Lynn, Mass	1900	776	$17,011,761	$484,726	$1,276,559	$3,279,871	$11,970,605	1,231	$980,868	17,492	$8,576,042	12,352	$6,948,745
		1890	1,369	17,919,025	492,222	915,458	3,071,637	13,439,708	2,134	1,744,008	20,318	11,033,166	14,591	8,831,341
		1880	343	5,894,575							12,420	5,833,849	8,894	
80	McKeesport, Pa	1900	180	17,876,016	2,066,593	3,106,296	6,178,573	6,524,554	523	497,822	7,605	4,370,381	7,331	4,302,201
		1890	118	10,979,812	631,020	696,620	2,915,279	6,736,893	214	246,981	6,078	3,189,558	5,832	3,139,650
81	Macon, Ga	1900	182	5,076,005	307,716	823,563	1,605,206	2,339,520	263	272,138	3,700	1,047,437	2,762	893,430
		1890	203	3,988,900	481,009	561,725	1,327,209	1,618,966	260	185,921	3,157	1,057,041	2,451	940,176
82	Malden, Mass	1900	242	5,906,279	322,972	511,851	852,160	4,219,296	129	133,575	3,082	1,520,658	1,907	1,131,048
		1890	295	7,600,124	310,599	744,912	955,643	5,588,970	351	268,757	4,418	2,115,420	2,708	1,476,752
83	Manchester, N. H	1900	577	22,426,125	1,708,846	2,417,374	6,122,417	12,177,488	344	456,258	19,032	7,030,966	10,302	4,410,687
		1890	386	22,424,968	1,769,082	2,283,805	6,557,663	11,814,418	468	444,359	14,883	5,505,875	7,267	3,209,905
		1880	121	15,149,153							10,838	3,370,404	4,632	
84	Memphis, Tenn	1900	659	11,189,249	1,511,199	1,583,598	3,091,124	5,003,328	513	625,135	8,433	3,641,435	7,660	3,433,206
		1890	345	9,357,821	1,416,048	1,541,920	2,755,336	3,644,517	621	616,411	5,497	2,542,264	5,069	2,442,184
		1880	138	2,313,975							2,268	845,672	2,130	
85	Meriden, Conn	1900	260	16,699,004	1,143,532	2,053,290	4,098,124	9,404,058	435	690,756	7,531	3,702,240	6,021	3,266,697
		1890	238	13,712,146	607,383	1,419,045	3,079,204	8,606,514	369	438,618	7,301	3,763,984	5,913	3,348,991
86	Milwaukee, Wis	1900	3,342	110,363,854	15,666,499	12,590,681	18,063,162	64,043,512	4,352	4,481,829	48,328	20,240,656	37,836	18,163,139
		1890	2,879	69,145,814	7,622,763	8,491,326	12,477,824	40,553,901	4,573	3,909,456	38,850	16,737,261	30,593	15,306,163
		1880	844	18,766,914							20,886	6,946,105	16,015	
87	Minneapolis, Minn	1900	2,368	57,708,204	8,424,632	6,917,174	13,766,617	28,599,781	2,606	2,428,396	26,608	12,708,523	22,328	11,612,118
		1890	2,723	42,643,764	6,312,162	4,119,808	8,404,173	23,807,621	4,089	3,579,622	23,703	11,674,553	21,012	10,953,048
		1880	401	9,002,650							5,344	2,582,253	4,702	
88	Mobile, Ala	1900	222	3,294,238	318,100	539,886	1,144,478	1,291,774	203	173,810	2,827	1,139,605	2,686	1,114,037
		1890	261	2,236,318	229,300	300,825	773,709	932,484	294	219,083	2,719	950,270	2,472	917,755
		1880	91	525,708							704	261,643	622	
89	Montgomery, Ala	1900	163	2,930,782	243,950	479,578	1,006,895	1,200,359	204	163,537	2,359	802,188	1,856	711,533
		1890	138	1,684,271	294,325	252,875	546,304	590,767	177	152,836	1,689	634,423	1,526	594,676
90	Muskegon, Mich	1900	200	4,602,390	1,083,428	444,264	832,399	2,242,299	172	153,976	3,235	1,185,697	2,553	1,057,066
		1890	301	9,863,819	2,758,974	528,391	1,563,998	5,012,456	381	307,696	3,883	1,608,293	3,685	1,572,984
91	Nashville, Tenn	1900	489	13,173,422	960,910	2,338,469	4,154,652	5,719,391	1,048	888,467	8,447	2,889,241	6,360	2,467,858
		1890	420	9,904,295	862,677	1,514,914	3,139,622	4,387,082	847	676,512	7,275	3,052,444	5,773	2,719,392
		1880	268	3,892,380							4,791	1,312,765	3,815	
92	New Albany, Ind	1900	208	2,996,512	226,210	425,055	887,562	1,457,685	110	107,676	2,430	843,680	1,796	732,515
		1890	298	5,342,071	393,851	804,952	1,823,561	2,319,707	341	262,490	4,165	1,835,341	3,394	1,679,043
93	Newark, N. J	1900	3,339	103,191,403	8,571,924	15,560,685	22,158,722	56,900,072	4,509	5,534,869	49,550	23,999,442	37,094	20,518,560
		1890	2,490	62,552,752	5,841,050	9,481,215	13,320,325	33,910,162	4,129	4,719,636	42,719	22,137,534	33,012	19,454,500
		1880	1,318	25,575,315							29,907	13,115,949	22,143	
94	New Bedford, Mass	1900	618	29,073,410	1,234,080	5,191,403	12,125,407	10,522,520	487	566,457	16,409	6,730,793	9,704	4,576,957
		1890	413	20,132,683	908,430	3,640,285	7,588,814	7,995,154	610	606,911	10,812	4,378,105	6,766	3,210,824
		1880	330	7,681,082							5,812	2,058,751	3,915	
95	Newburg, N. Y	1900	253	5,214,536	517,200	916,680	1,297,754	2,482,902	310	287,839	3,926	1,665,177	2,622	1,283,261
		1890	287	5,773,354	567,846	1,019,655	1,669,741	2,516,112	420	348,319	4,096	1,741,476	2,674	1,362,101
96	New Haven, Conn	1900	1,236	30,463,066	2,510,318	3,645,198	7,850,302	16,457,248	1,600	1,590,241	20,536	10,016,571	15,393	8,547,342
		1890	1,129	19,592,384	1,861,965	2,297,858	4,516,260	10,916,301	1,958	1,910,944	15,906	8,185,876	12,396	7,258,547
		1880	587	9,703,737							15,156	5,761,374	9,998	
97	New Orleans, La	1900	1,524	46,003,604	4,705,321	5,519,064	10,760,407	25,018,812	1,837	1,819,458	19,435	7,645,167	13,582	6,517,494
		1890	1,961	26,319,277	3,362,558	3,766,675	8,432,158	10,757,886	2,879	2,612,472	22,342	8,275,112	15,309	7,057,158
		1880	915	8,565,303							9,504	3,717,557	7,666	
98	Newport, Ky	1900	272	2,848,435	249,235	673,643	603,408	1,322,149	132	142,404	2,561	1,155,361	1,885	1,020,385
		1890	1,002	3,471,388	485,233	559,500	853,697	1,572,958	1,072	734,512	3,776	1,692,177	2,735	1,455,639
		1880	94	1,700,715							1,748	711,019	1,608	
99	Newton, Mass	1900	297	5,105,196	375,183	711,083	1,136,418	2,882,512	134	166,646	3,094	1,581,887	2,624	1,454,750
		1890	193	4,393,807	284,125	543,539	1,037,612	2,528,531	234	239,365	2,390	1,168,910	1,686	979,251
100	New York, N. Y [1]	1900	27,168	608,661,810	61,263,277	54,918,159	136,700,098	355,780,276	39,428	44,575,510	344,054	184,602,095	233,675	148,747,580
		1890	25,403	426,118,272	40,240,256	35,376,400	105,880,689	244,620,927	45,147	51,692,958	309,144	178,409,209	216,317	146,956,402
		1880	11,273	179,605,506							223,073	95,832,742	144,920	
101	Norfolk, Va	1900	445	6,425,099	506,425	685,162	2,025,063	3,208,449	333	266,227	4,334	1,571,229	3,206	1,376,071
		1890	374	3,417,454	590,478	340,935	869,936	1,616,105	557	371,805	2,391	1,016,390	1,923	931,802
		1880	105	570,276							752	317,528	668	
102	Oakland, Cal	1900	752	6,364,651	665,260	593,405	2,617,063	2,488,923	347	319,263	4,012	2,129,598	2,928	1,818,018
		1890	342	6,629,468	1,130,525	953,731	2,167,889	2,377,323	520	521,073	3,918	2,568,934	3,182	2,369,452
		1880	72	1,371,457							1,387	759,917	1,369	
103	Omaha, Nebr	1900	838	34,478,014	3,990,965	7,275,340	14,219,320	8,992,389	1,026	907,155	7,537	3,804,076	6,209	3,464,144
		1890	675	18,319,594	2,787,575	3,803,950	3,316,038	8,412,031	1,191	1,251,752	8,223	4,863,542	7,187	4,589,411
		1880	154	1,835,800							1,688	726,918	1,466	
104	Oshkosh, Wis	1900	285	8,018,038	1,129,025	838,607	1,499,013	4,551,393	278	268,479	4,587	1,762,410	3,629	1,529,627
		1890	423	6,461,812	679,831	732,959	1,153,571	3,895,451	466	306,004	4,317	1,713,022	4,064	1,577,441

[1] Includes only boroughs of Manhattan and Bronx.

CITIES SHOWN SEPARATELY FOR 1880, 1890, AND 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.				MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.										
5,035	$1,600,722	105	$26,575	$2,270,595	$320,791	$75,271	$1,618,382	$256,151	$25,456,798	$25,240,548	$216,250	$41,633,845	79
5,642	2,183,657	85	18,168	2,045,531	426,713	78,604	1,109,340	430,874	23,039,987	22,759,540	280,447	44,223,845	
3,489		37							17,433,455			26,828,023	
96	24,269	178	43,911	428,226	29,594	37,797	300,886	59,949	22,309,161	21,007,172	1,301,989	37,074,136	80
95	25,346	151	24,562	737,562	15,010	115,746	577,067	29,739	10,617,338	10,440,317	177,021	17,432,721	
669	114,249	269	39,758	445,078	37,433	39,092	341,738	26,815	3,741,167	3,652,863	88,304	6,495,767	81
471	96,586	235	20,279	219,988	40,641	44,243	135,104		2,664,498	2,544,702	119,796	5,171,530	
1,132	381,848	43	7,762	790,518	39,902	74,263	563,043	113,310	4,607,400	4,549,587	57,813	7,959,292	82
1,655	623,087	55	15,581	498,174	31,456	64,172	402,546		5,901,817	5,818,488	83,329	9,592,501	
8,236	2,511,181	494	109,098	1,548,205	136,448	236,948	1,161,916	12,893	14,755,640	14,383,556	372,084	26,607,600	83
7,367	2,259,920	249	36,050	1,072,875	121,991	211,164	717,420	22,300	11,872,289	11,539,305	332,984	20,187,295	
5,748		458							7,901,066			14,136,305	
586	174,961	187	33,268	1,078,649	204,136	96,078	716,989	61,446	9,656,969	9,453,977	202,992	17,923,059	84
337	82,144	91	17,936	813,951	181,529	121,970	507,652	2,800	7,090,190	6,925,942	164,248	13,244,538	
69		69							2,419,341			4,413,422	
1,435	420,506	75	15,037	1,085,142	47,614	81,540	851,388	104,600	5,861,612	5,686,116	175,496	13,485,640	85
1,373	412,995	15	1,998	1,460,571	62,305	97,627	1,145,795	154,844	4,900,594	4,760,037	140,557	11,962,172	
7,501	1,625,281	2,991	452,236	16,690,165	870,027	471,449	14,619,855	728,834	65,118,719	62,982,647	2,136,072	123,786,449	86
7,478	1,332,008	779	99,095	8,285,410	664,972	2,783,249	4,748,361	88,828	55,815,485	54,226,347	1,589,138	97,503,951	
3,922		949							28,975,872			43,473,812	
4,090	1,060,101	190	36,304	5,237,162	670,649	216,351	3,560,745	789,417	78,175,735	77,453,060	722,675	110,943,043	87
2,463	684,392	228	37,113	3,682,928	618,416	340,527	2,279,209	444,776	54,592,210	53,982,700	609,510	82,922,974	
457		185							24,274,623			29,973,476	
83	20,030	58	5,538	272,987	56,366	22,336	180,395	13,890	2,046,400	1,986,002	60,398	4,451,062	88
172	24,961	75	7,554	226,987	51,503	30,235	145,249		1,814,463	1,795,004	19,459	3,826,399	
37		45							830,961			1,335,579	
360	74,887	143	15,768	342,890	36,577	28,038	276,712	1,563	2,902,054	2,840,353	61,701	5,035,190	89
116	34,806	47	4,941	140,829	30,940	19,597	86,292	4,000	1,753,166	1,703,234	49,932	3,234,962	
560	113,311	122	15,320	386,488	16,687	41,708	315,531	12,562	2,631,279	2,556,585	74,694	5,097,059	90
122	28,111	76	7,198	478,391	32,034	140,979	305,378		4,795,251	4,767,367	27,884	8,278,160	
1,700	377,451	387	43,932	1,440,394	117,628	87,471	906,884	328,411	10,472,173	10,297,271	174,902	18,469,823	91
1,151	282,885	351	50,167	681,619	123,914	154,062	397,243	6,400	7,994,751	7,840,486	154,265	14,590,823	
538		438							5,312,527			8,597,278	
596	105,871	38	5,294	231,771	16,860	17,289	180,207	17,415	2,364,138	2,252,628	111,510	4,179,490	92
631	140,430	140	15,868	608,026	25,115	55,656	511,775	15,480	3,470,492	3,244,595	225,897	6,631,924	
11,133	3,258,135	1,323	222,747	10,050,907	958,213	454,109	8,023,599	614,986	67,105,944	65,663,142	1,442,802	126,954,049	93
8,966	2,573,427	741	109,607	6,112,239	903,437	1,372,496	3,309,866	526,440	46,020,536	44,957,781	1,062,755	93,476,652	
5,178		2,586							44,534,415			69,051,075	
5,759	1,941,115	946	212,721	1,703,408	91,280	367,662	1,204,196	40,270	12,727,776	12,307,450	420,326	25,681,671	94
3,659	1,110,785	387	56,496	980,306	72,133	192,028	716,045	100	8,581,373	8,309,306	272,067	17,025,779	
1,538		359							5,907,874			9,835,955	
1,223	369,492	81	12,424	354,456	59,465	29,269	234,290	31,432	3,123,590	3,016,930	106,660	6,497,088	95
1,270	355,721	152	23,654	472,773	66,466	56,853	328,849	20,605	3,521,078	3,412,333	108,745	6,964,287	
4,884	1,428,956	259	40,273	3,181,004	289,483	193,099	2,277,087	421,335	18,493,593	18,026,797	466,796	40,762,015	96
3,477	922,996	33	4,333	2,696,245	330,608	333,171	1,222,516	809,950	14,400,638	14,029,368	371,270	33,396,311	
4,780		378							14,482,163			24,040,225	
5,135	1,045,171	718	82,502	4,759,877	402,741	296,591	3,771,782	288,763	43,361,525	42,635,031	726,494	63,514,505	97
6,558	1,158,171	475	59,783	3,295,077	592,757	775,029	1,925,491	1,800	28,271,445	27,737,726	533,719	48,295,449	
1,286		552							10,771,892			18,808,096	
639	130,656	37	4,320	866,620	22,869	18,783	599,905	225,063	2,017,773	1,932,149	85,624	4,888,169	98
1,015	232,639	26	3,899	335,404	87,047	70,835	177,522		3,072,313	2,996,760	75,553	6,687,987	
35		105							2,526,936			3,996,995	
445	122,004	25	5,133	388,922	43,836	38,418	185,818	120,850	3,065,921	3,005,674	60,247	6,322,232	99
643	181,656	61	8,003	243,663	25,173	24,724	193,766		2,175,249	2,116,962	58,287	4,335,764	
106,777	35,221,621	3,602	632,894	131,879,774	20,687,811	2,804,101	58,292,028	50,095,834	463,795,294	458,394,400	5,400,894	975,168,202	100
90,764	31,091,444	2,063	361,363	59,991,710	19,134,359	8,112,881	28,844,262	3,900,208	366,422,722	362,546,569	3,876,153	777,222,721	
69,240		8,913							286,267,774			468,443,248	
1,023	180,972	105	14,186	701,597	107,723	39,827	304,594	249,453	5,283,975	5,178,011	105,964	9,397,355	101
440	82,106	28	2,482	265,675	92,660	25,845	147,170		2,542,790	2,509,328	33,462	5,100,408	
61		23							861,026			1,455,987	
919	280,722	165	30,858	620,459	144,220	34,555	290,928	150,756	4,277,647	4,129,441	148,206	9,174,257	102
449	156,673	287	42,809	438,010	94,569	37,056	306,210	175	4,687,699	4,466,783	220,916	9,112,778	
13		5							2,012,695			3,181,066	
1,238	324,128	90	15,804	3,864,988	263,847	84,940	3,333,177	183,024	22,211,573	21,776,089	435,484	43,168,876	103
785	233,241	251	40,890	3,673,516	271,254	2,504,473	892,689	5,100	29,260,102	28,608,842	651,260	42,339,321	
64		158							2,527,476			4,280,866	
620	151,926	338	80,857	616,564	34,742	48,392	513,159	20,271	4,742,744	4,695,134	47,610	8,781,248	104
733	117,422	120	18,159	526,149	43,058	78,614	404,477		4,668,843	4,631,276	37,567	8,620,626	

TABLE 2.—COMPARATIVE SUMMARY FOR THE PRINCIPAL

	Cities.	Year.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Total. Wages.	Men, 16 years and over. Average number.	Men, 16 years and over. Wages.
105	Oswego, N. Y.	1900	207	$7,322,907	$347,182	$1,161,655	$1,732,185	$4,081,885	273	$346,689	3,845	$1,543,905	2,829	$1,322,913
		1890	249	6,254,200	406,008	1,146,385	1,286,140	3,415,667	448	401,291	2,967	1,102,352	2,175	952,875
		1880	178	2,511,238							2,007	728,418	1,716	
106	Paterson, N. J.	1900	995	43,510,481	2,777,382	6,019,607	11,519,306	23,194,186	1,242	1,617,999	30,190	12,812,538	19,242	9,561,443
		1890	599	27,603,549	1,950,236	4,016,068	7,692,190	13,945,055	1,034	1,138,357	23,198	10,439,725	14,512	7,917,201
		1880	340	11,613,442							18,755	6,679,437	9,868	
107	Pawtucket, R. I.	1900	534	22,399,187	2,051,770	3,725,920	5,983,459	10,638,038	552	781,628	12,776	5,230,268	7,464	3,687,395
		1890	371	16,693,984	1,094,815	2,727,558	6,126,736	6,744,875	589	527,050	8,919	3,552,529	5,113	2,521,490
108	Peoria, Ill.	1900	871	27,971,613	5,147,070	6,088,827	8,288,473	8,452,243	767	768,574	8,022	3,901,186	6,945	3,637,390
		1890	556	15,085,862	1,308,458	2,704,078	6,177,755	4,895,571	890	805,796	6,816	3,538,216	5,577	3,267,850
		1880	296	4,160,707							4,067	1,507,666	3,619	
109	Petersburg, Va.	1900	225	3,960,987	141,387	595,774	1,153,793	2,070,033	251	227,544	4,730	1,043,550	2,729	801,127
		1890	271	3,911,240	209,950	590,200	1,201,160	1,909,930	417	238,863	5,108	1,128,551	2,979	868,639
		1880	115	1,755,415							4,196	602,749	2,209	
110	Philadelphia, Pa.	1900	15,887	476,529,407	43,726,855	64,859,709	113,918,281	254,024,562	19,113	20,154,836	246,445	111,847,076	172,011	91,540,077
		1890	18,166	375,249,715	38,679,356	47,296,048	80,953,236	208,321,075	25,617	22,610,848	234,647	113,306,173	169,225	95,263,788
		1880	8,481	178,765,206							174,952	61,152,952	109,071	
111	Pittsburg, Pa.	1900	1,938	193,162,900	19,612,219	23,001,802	41,161,172	109,387,707	5,064	5,457,443	69,977	36,684,563	62,381	34,809,175
		1890	1,420	108,368,838	17,575,302	14,038,695	27,107,372	49,647,469	3,475	4,008,666	52,963	29,889,486	47,426	28,544,797
		1880	1,112	52,645,010							36,930	17,168,989	32,011	
112	Portland, Me.	1900	639	6,991,251	503,023	755,747	1,381,330	4,351,151	611	519,425	5,699	2,612,817	4,288	2,252,430
		1890	662	6,887,557	386,610	560,638	1,494,200	4,446,109	922	746,239	5,338	2,413,893	4,204	2,099,082
		1880	302	4,243,225							7,129	1,541,997	4,841	
113	Portland, Oreg.	1900	1,064	13,331,500	1,420,388	1,907,171	3,853,004	6,150,937	806	844,847	8,572	4,347,876	7,220	4,019,211
		1890	569	16,863,568	4,764,749	2,364,785	2,701,127	7,032,907	1,078	1,372,583	8,653	6,220,337	8,035	5,990,154
114	Poughkeepsie, N. Y.	1900	377	5,688,058	336,125	890,859	1,271,699	3,189,375	197	240,593	3,432	1,583,268	2,701	1,406,200
		1890	303	4,850,650	583,803	822,583	1,119,128	2,325,136	444	341,860	3,328	1,495,796	2,509	1,318,103
		1880	140	3,728,700							2,482	761,711	1,766	
115	Providence, R. I.	1900	1,933	83,513,679	5,576,066	9,284,019	21,664,478	46,989,116	2,766	3,239,419	44,978	19,998,362	31,198	16,009,629
		1890	1,934	61,133,598	4,489,618	8,004,643	16,487,572	32,151,765	3,137	3,107,509	38,987	17,685,890	26,176	14,236,038
		1880	1,205	27,177,006							22,891	9,464,110	16,050	
116	Pueblo, Colo.	1900	241	12,374,248	754,427	3,806,645	3,877,615	3,935,561	320	370,428	4,911	3,044,280	4,756	3,000,093
		1890	102	1,278,792	191,220	93,685	485,867	508,020	134	139,587	937	629,759	837	593,953
117	Quincy, Ill.	1900	421	6,879,846	552,537	1,179,713	1,851,194	3,296,402	491	400,233	4,509	1,918,452	3,612	1,757,955
		1890	394	6,554,810	603,750	1,118,684	1,245,439	3,586,937	533	443,426	4,577	1,986,408	3,775	1,832,242
		1880	318	4,078,200							3,326	1,271,995	2,866	
118	Racine, Wis.	1900	252	16,753,215	912,865	1,849,908	2,750,132	11,240,310	876	861,900	6,785	2,994,100	5,531	2,652,878
		1890	190	11,533,207	716,208	1,110,241	1,442,836	8,263,922	412	408,629	4,460	2,009,869	3,827	1,867,531
119	Reading, Pa.	1900	843	27,975,628	2,458,523	4,469,370	6,999,595	14,048,140	1,073	924,551	19,165	7,544,950	14,351	6,449,263
		1890	435	14,083,374	1,445,178	2,723,603	3,405,642	6,508,951	755	680,823	12,211	4,780,470	9,779	4,319,238
		1880	329	7,488,256							6,635	2,219,290	5,373	
120	Richmond, Va.	1900	763	20,848,620	2,252,946	2,377,697	6,164,891	10,053,086	1,166	1,266,270	16,692	5,181,659	11,565	4,292,348
		1890	966	16,785,242	1,290,230	1,597,629	3,750,853	10,146,530	1,621	1,438,783	16,891	5,753,863	12,338	4,941,415
		1880	598	6,884,386							14,047	3,006,456	9,218	
121	Rochester, N. Y.	1900	2,616	49,086,212	3,550,688	5,695,879	10,918,912	28,920,733	3,279	3,292,451	33,408	13,832,122	22,560	11,042,593
		1890	1,892	46,301,058	4,125,334	6,214,087	7,694,316	28,267,321	3,758	3,674,609	28,962	13,144,957	21,231	11,293,005
		1880	734	13,141,870							14,556	5,207,713	9,276	
122	Rockford, Ill.	1900	450	14,126,834	2,431,596	3,178,915	3,788,303	4,728,020	456	422,547	6,620	2,765,709	5,190	2,433,307
		1890	246	7,715,069	591,292	921,164	1,583,344	4,619,269	356	308,607	4,867	2,166,096	3,787	1,902,873
123	Sacramento, Cal.	1900	275	7,369,013	650,111	1,399,247	2,615,876	2,703,779	188	216,504	4,365	2,977,764	3,954	2,855,413
		1890	302	5,654,782	598,600	798,543	1,200,648	3,056,991	324	315,085	4,186	2,652,869	3,436	2,508,971
		1880	160	1,672,400							924	547,692	868	
124	Saginaw, Mich.	1900	480	7,558,806	531,125	917,919	1,658,744	4,451,018	394	371,741	4,866	1,936,558	4,288	1,823,485
		1890	335	12,406,823	2,794,587	1,433,534	2,008,413	6,170,289	411	381,512	5,305	2,271,623	4,922	2,186,739
125	St. Joseph, Mo.	1900	440	11,068,825	983,535	1,907,849	3,323,616	4,853,825	562	516,083	7,429	3,109,647	4,994	2,500,822
		1890	276	5,230,697	658,245	659,693	1,189,975	2,722,784	447	381,460	4,579	1,970,231	3,135	1,610,954
		1880	238	1,423,650							2,258	896,762	2,040	
126	St. Louis, Mo.	1900	6,732	162,179,331	17,360,313	23,899,872	39,870,415	81,048,731	9,778	10,994,620	82,672	38,191,076	64,111	33,537,466
		1890	6,148	141,872,386	14,834,325	18,754,990	25,798,268	82,484,803	11,140	11,599,896	82,911	41,794,734	66,669	37,870,367
		1880	2,924	50,832,885							41,825	17,743,532	33,980	
127	St. Paul, Minn.	1900	1,591	28,208,389	2,134,257	3,733,941	8,289,147	14,051,044	2,292	2,012,574	17,593	7,669,805	13,391	6,583,370
		1890	1,442	22,501,211	2,871,430	1,599,494	5,280,553	12,749,734	2,279	1,978,846	16,279	8,394,550	13,765	7,614,005
		1880	593	3,738,791							5,230	2,254,340	3,930	
128	Salem, Mass.	1900	446	7,450,935	283,041	901,652	2,107,250	4,158,992	236	214,656	6,424	2,842,678	4,120	2,172,215
		1890	513	6,250,164	252,087	798,953	2,056,464	3,142,660	671	472,110	5,127	1,973,966	3,278	1,515,121
		1880	241	3,978,850							4,181	1,401,592	2,632	
129	Salt Lake City, Utah	1900	432	4,048,906	524,428	480,269	1,331,872	1,712,337	364	282,418	2,977	1,601,253	2,404	1,452,935
		1890	175	3,354,035	483,550	402,525	715,017	1,752,943	301	293,958	1,986	1,205,454	1,633	1,114,324
		1880	166	860,415							928	425,537	696	

CITIES SHOWN SEPARATELY FOR 1880, 1890, AND 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.				MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
877	$198,702	139	$22,290	$667,109	$54,304	$39,083	$572,391	$1,331	$4,611,975	$4,512,417	$99,558	$8,137,950	105
719	145,021	73	4,456	684,969	54,842	58,255	571,872		4,604,096	4,556,228	47,868	7,482,378	
202		89							3,423,382			5,287,966	
9,502	3,015,922	1,446	235,173	5,059,521	396,912	203,516	2,230,994	2,228,099	26,882,183	26,199,597	682,586	52,287,975	106
7,818	2,379,464	868	143,060	2,143,318	309,174	370,134	1,456,935	7,070	22,480,727	21,904,321	576,406	42,263,531	
6,145		2,742							13,992,233			25,339,300	
4,343	1,374,723	969	168,150	2,040,261	585,764	146,245	960,148	348,104	12,933,104	12,545,761	387,343	24,080,328	107
3,292	944,878	514	86,161	1,051,697	92,040	89,299	869,358	1,000	9,415,654	9,118,965	296,689	16,303,729	
1,021	256,536	56	7,260	25,122,825	202,821	83,093	24,669,859	167,052	14,986,348	14,408,981	577,367	48,871,596	108
1,101	247,075	138	23,291	24,475,327	135,437	23,538,742	784,023	17,125	9,996,379	9,756,346	240,033	55,535,023	
313		135							9,556,476			14,228,134	
1,615	206,061	386	36,362	658,689	30,999	48,129	526,186	53,375	3,747,656	3,695,090	52,566	6,464,464	109
1,691	222,459	438	37,453	834,420	33,360	586,251	213,209	1,600	4,384,462	4,327,618	56,844	7,167,004	
1,245		742							3,290,116			4,643,015	
61,688	18,151,177	12,746	2,155,822	55,575,685	5,607,288	1,222,710	28,978,408	19,767,279	326,877,441	320,684,140	6,193,301	603,466,526	110
55,626	16,475,633	9,796	1,566,752	39,615,476	6,182,238	3,853,280	24,678,131	4,901,827	311,645,804	306,533,500	5,112,304	577,234,446	
51,459		14,422							190,451,376			309,424,156	
5,873	1,542,689	1,723	332,699	15,293,017	929,081	699,025	11,045,033	2,619,878	116,833,174	110,858,518	5,974,656	203,261,251	111
3,405	910,976	2,132	433,713	7,561,199	729,868	1,639,349	5,027,215	164,767	69,892,195	66,829,013	3,063,182	126,859,657	
1,681		3,238							42,109,777			75,915,033	
1,380	354,985	31	5,402	759,854	158,207	49,995	411,266	140,386	5,566,225	5,444,790	121,435	11,440,201	112
1,117	312,830	17	1,981	585,149	165,035	48,519	343,345	28,250	6,286,438	6,141,129	145,309	11,371,487	
1,550		738							6,813,962			9,832,931	
1,211	305,477	141	23,188	1,186,072	339,775	66,492	587,708	192,097	13,312,036	13,049,172	262,864	23,451,132	113
522	211,281	96	18,902	1,220,577	343,713	148,553	564,711	163,600	12,807,106	12,629,758	177,348	25,427,603	
566	166,664	65	10,404	411,495	61,479	17,670	327,124	5,222	3,475,100	3,252,318	222,782	6,826,769	114
688	164,231	131	13,462	311,022	63,837	46,151	165,034	36,000	3,200,593	3,021,087	179,506	6,254,132	
493		223							2,781,289			4,392,900	
12,090	3,682,472	1,690	306,261	5,815,066	777,303	329,263	4,272,366	436,134	46,357,130	45,390,515	966,615	88,168,897	115
10,906	3,141,669	1,905	308,183	5,082,048	694,542	370,209	3,924,558	92,739	39,794,241	38,886,207	908,034	77,467,283	
5,125		1,716							22,794,227			42,597,512	
127	39,667	28	4,520	577,501	46,480	34,232	430,926	65,863	22,589,669	21,448,078	1,141,591	30,795,481	116
72	30,552	28	5,254	92,792	25,627	10,954	56,011	200	999,966	963,018	36,948	2,374,631	
771	143,354	126	17,143	779,653	75,957	40,169	629,149	34,378	4,952,797	4,845,579	107,218	9,234,988	117
565	123,229	237	30,937	648,086	101,465	240,303	306,318		5,701,973	5,541,094	160,879	10,395,102	
151		309							5,089,880			8,103,277	
1,076	312,060	178	29,162	1,004,165	42,767	52,919	891,760	16,719	6,253,372	6,089,773	163,599	12,502,796	118
500	121,150	133	21,188	662,448	28,724	60,105	521,919	51,700	4,340,308	4,236,378	103,930	8,462,359	
3,786	958,704	1,028	136,983	5,085,456	169,140	92,480	1,570,746	3,253,090	19,089,332	18,301,154	788,178	36,902,511	119
1,729	376,921	703	84,311	1,042,366	96,876	218,991	726,499		12,009,332	11,153,831	855,501	20,855,165	
715		547							8,354,310			13,168,595	
4,399	796,997	728	92,314	6,158,301	181,456	132,687	5,263,566	580,592	13,161,697	12,838,895	322,802	28,900,616	120
4,006	754,669	547	57,779	3,290,170	232,936	1,576,474	1,410,588	70,172	14,014,214	13,745,346	268,868	27,792,672	
2,872		1,957							12,141,512			20,790,106	
9,889	2,641,241	959	148,288	9,143,154	755,433	190,459	5,889,483	2,307,779	32,082,063	31,557,122	524,941	69,129,820	121
6,798	1,720,379	933	131,573	5,613,852	592,082	984,297	2,822,466	1,215,007	33,320,398	32,915,604	404,794	65,091,156	
4,027		1,253							16,414,515			26,418,266	
1,200	297,293	230	35,109	821,352	77,486	42,808	636,920	64,138	6,928,941	6,659,240	269,701	12,586,116	122
1,001	249,000	79	14,223	549,317	64,167	33,436	441,305	10,409	4,248,001	4,162,022	85,979	8,888,904	
380	116,174	31	6,177	703,922	66,328	65,815	456,713	115,066	6,057,837	5,767,106	290,731	11,141,896	123
676	136,571	74	7,327	439,227	83,093	66,758	241,403	47,973	6,033,317	5,876,696	156,621	10,424,582	
10		46							2,911,889			4,093,934	
547	107,505	31	5,568	594,269	51,166	42,825	479,746	20,532	5,816,237	5,711,066	105,171	10,034,499	124
244	68,300	139	16,584	667,399	65,651	134,665	459,885	7,198	6,587,763	6,535,407	52,356	11,303,006	
2,297	587,140	138	21,685	1,160,912	116,371	43,879	805,110	195,552	25,068,215	24,842,997	225,218	31,690,736	125
1,367	348,626	77	10,651	496,472	91,935	70,484	334,053		7,848,353	7,708,548	139,805	11,916,141	
94		124							3,210,080			5,143,585	
15,548	4,113,863	3,013	539,747	33,271,804	2,262,390	745,815	24,489,616	5,773,983	117,861,443	115,458,275	2,403,168	233,629,733	126
13,816	3,514,803	2,426	409,564	17,734,350	2,270,881	7,382,129	8,081,340		122,216,570	119,444,809	2,771,761	229,157,343	
4,761		3,084							75,379,867			114,333,375	
3,922	1,046,002	280	40,433	3,668,047	435,990	115,650	2,323,554	792,853	19,464,570	19,098,732	365,838	38,541,030	127
2,332	750,002	182	30,543	1,740,518	484,542	226,573	994,788	34,615	15,867,573	15,644,137	223,436	33,035,073	
1,092		208							5,719,067			10,286,363	
2,135	641,272	169	29,191	464,618	89,915	51,756	264,262	58,685	7,159,987	7,041,871	118,116	12,257,449	128
1,735	445,476	114	13,369	424,772	72,929	52,942	286,961	11,940	4,738,643	4,618,121	120,522	8,522,751	
1,309		240							7,264,447			9,926,564	
485	132,679	88	15,639	479,634	107,785	32,588	291,397	47,864	2,743,674	2,662,250	81,424	6,109,409	129
268	77,668	85	13,462	291,255	87,466	40,539	133,750	29,500	1,966,818	1,904,725	62,093	4,624,419	
114		118							812,736			1,610,133	

TABLE 2.—COMPARATIVE SUMMARY FOR THE PRINCIPAL

	Cities.	Year.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Total. Wages.	Men, 16 years and over. Average number.	Men, 16 years and over. Wages.
130	San Antonio, Tex	1900	312	$4,252,197	$350,483	$766,378	$1,158,345	$1,976,991	209	$244,252	3,073	$1,755,008	2,781	$1,691,882
		1890	309	3,004,425	544,600	432,925	890,725	1,136,175	419	417,370	2,022	1,216,936	1,869	1,169,837
		1880	71	310,050							361	137,781	300	
131	San Francisco, Cal	1900	4,002	80,103,367	8,468,392	5,820,445	24,824,345	40,990,185	4,041	4,619,033	41,978	22,037,527	31,722	19,106,879
		1890	4,059	74,834,301	7,995,535	6,613,851	20,300,815	39,924,100	6,682	6,388,258	41,764	24,591,116	32,508	21,926,757
		1880	2,969	35,358,639							28,407	14,918,834	23,651	
132	Savannah, Ga	1900	155	5,716,491	566,850	928,194	1,368,399	2,853,048	220	231,377	2,870	1,176,150	2,782	1,157,417
		1890	244	5,379,774	844,448	1,040,268	1,394,887	2,100,171	341	302,772	2,419	1,059,348	2,296	1,031,464
		1880	120	1,102,970							1,130	447,640	996	
133	Scranton, Pa	1900	710	19,954,525	2,303,113	3,768,815	5,227,697	8,654,900	661	791,589	12,669	5,191,522	8,776	4,509,263
		1890	177	16,237,271	1,152,484	2,888,540	4,298,342	7,897,905	298	344,178	8,825	3,928,834	7,466	3,722,789
		1880	216	4,470,631							3,549	1,313,287	2,908	
134	Seattle, Wash	1900	953	10,131,651	1,440,701	597,024	3,030,039	5,063,887	768	684,662	8,480	5,575,253	7,870	5,372,091
		1890	331	4,758,283	628,240	682,735	1,430,352	2,016,956	280	321,792	3,768	3,083,731	3,565	2,998,983
135	Sioux City, Iowa	1900	329	5,691,644	502,323	1,108,779	1,416,046	2,664,496	322	295,157	3,104	1,485,066	2,610	1,380,013
		1890	196	5,222,626	735,747	569,450	959,551	2,957,878	379	350,849	2,629	1,520,576	2,425	1,468,657
136	Somerville, Mass	1900	378	10,131,596	1,112,394	2,020,145	1,187,235	5,811,822	294	266,918	4,342	2,199,491	3,877	2,059,410
		1890	404	3,883,859	598,040	683,575	601,909	2,000,335	496	426,942	2,789	1,357,037	2,360	1,250,546
		1880	100	1,682,795							1,296	564,508	1,191	
137	South Bend, Ind	1900	302	18,156,638	2,405,343	3,390,258	1,858,555	10,502,482	539	577,520	8,257	3,409,637	6,926	3,043,233
		1890	208	11,252,887	906,337	1,444,847	945,947	7,955,256	338	337,542	5,750	2,504,562	4,683	2,246,008
138	Springfield, Ill	1900	320	5,030,438	387,057	839,902	1,666,533	2,136,946	235	195,622	3,871	1,730,891	3,367	1,611,619
		1890	374	3,641,415	319,040	496,335	1,138,512	1,687,528	416	354,851	2,853	1,390,307	2,472	1,304,509
		1880	116	1,709,775							1,698	656,253	1,391	
139	Springfield, Mass	1900	817	17,105,947	1,535,730	2,677,919	4,858,021	8,034,277	958	1,035,696	10,123	5,176,299	7,453	4,362,605
		1890	692	13,199,283	1,266,006	2,078,698	4,055,647	5,798,932	1,091	1,025,258	9,159	4,843,636	6,944	4,152,723
		1880	434	9,177,250							7,360	2,906,130	4,881	
140	Springfield, Mo	1900	245	2,111,048	140,802	475,637	591,788	902,821	121	99,110	2,127	1,017,345	1,956	981,721
		1890	277	1,454,613	244,815	186,636	349,028	674,134	126	92,793	1,296	584,353	1,076	543,857
141	Springfield, Ohio	1900	305	14,091,175	636,895	1,539,570	2,034,378	9,880,332	1,313	1,113,310	6,638	3,160,119	6,119	3,041,460
		1890	372	14,567,931	804,266	3,069,932	2,022,498	8,671,235	592	532,769	6,101	2,662,672	5,860	2,611,583
		1880	170	7,255,953							3,970	1,637,212	3,741	
142	Syracuse, N. Y	1900	1,383	31,358,055	2,901,602	5,044,222	8,882,531	14,529,700	1,431	1,424,279	14,917	6,735,177	11,880	5,975,574
		1890	1,246	22,853,424	1,981,642	3,366,067	6,025,732	11,479,983	1,948	1,787,667	15,570	6,733,010	12,270	6,080,974
		1880	724	8,186,818							10,966	3,042,135	7,513	
143	Tacoma, Wash	1900	381	8,146,691	1,531,033	1,035,283	2,035,307	3,545,068	293	326,340	4,347	2,356,028	4,104	2,285,516
		1890	225	7,227,201	2,781,899	629,036	1,565,326	2,250,940	409	557,585	3,658	2,723,235	3,519	2,673,851
144	Taunton, Mass	1900	284	11,737,399	445,836	1,974,207	2,660,336	6,657,020	330	430,818	7,102	3,331,680	5,235	2,757,650
		1890	316	7,891,382	484,680	1,163,105	1,979,646	4,263,951	318	304,079	6,148	2,837,194	4,603	2,379,510
		1880	148	4,086,134							5,154	2,083,185	3,585	
145	Terre Haute, Ind	1900	429	8,938,107	730,715	1,531,520	3,046,181	3,629,691	353	351,127	5,427	2,298,585	4,344	2,044,323
		1890	367	4,965,184	521,500	889,561	1,363,178	2,190,945	485	364,559	4,720	1,789,442	3,762	1,614,675
		1880	224	2,566,750							3,376	1,406,352	3,090	
146	Toledo, Ohio	1900	1,050	25,591,916	2,180,994	4,570,338	6,653,454	12,187,130	1,278	1,224,281	15,383	6,845,687	12,717	6,240,139
		1890	734	12,700,372	1,369,328	2,071,140	3,171,354	6,088,550	1,066	881,121	9,247	4,333,322	7,665	3,994,057
		1880	440	5,534,285							6,738	2,260,456	5,028	
147	Topeka, Kans	1900	399	3,891,530	214,291	867,930	1,329,600	1,479,709	319	232,602	3,758	2,110,721	3,443	2,040,237
		1890	371	3,282,899	355,600	760,425	1,058,437	1,108,437	346	275,580	3,044	1,579,353	2,722	1,505,454
148	Trenton, N. J	1900	570	26,174,895	3,402,780	4,947,856	4,726,605	13,097,654	839	996,482	14,457	6,791,026	11,641	6,090,836
		1890	885	19,278,041	2,980,838	3,469,552	3,898,859	8,928,792	1,221	1,134,490	13,763	6,834,404	10,809	6,125,204
		1880	404	6,966,830							8,902	3,150,119	6,691	
149	Troy, N. Y	1900	662	23,531,622	1,433,776	3,238,085	4,730,918	14,128,843	917	1,045,237	21,564	8,571,923	7,852	4,252,669
		1890	840	24,030,753	1,784,690	2,792,095	5,583,598	13,870,370	1,256	1,253,182	23,901	8,291,580	9,888	5,116,097
		1880	513	13,413,853							22,431	6,744,144	10,337	
150	Utica, N. Y	1900	733	19,289,502	897,213	2,330,190	4,659,432	11,402,667	883	792,574	10,759	4,148,415	6,874	3,177,594
		1890	565	14,332,510	708,242	1,613,109	3,358,853	8,652,306	971	908,097	11,627	3,418,614	5,479	2,453,639
		1880	317	5,905,635							6,710	1,917,657	3,752	
151	Washington, D. C	1900	2,754	41,981,245	5,887,958	9,043,349	15,738,779	11,311,159	2,083	1,833,437	24,693	14,643,714	20,415	12,449,136
		1890	2,295	28,865,089	5,438,756	5,396,278	8,543,897	9,486,158	2,998	2,358,122	20,406	12,264,142	17,114	10,724,792
		1880	971	5,552,526							7,146	3,924,612	5,496	
152	Waterbury, Conn	1900	404	23,421,640	1,948,595	3,271,036	5,807,273	12,394,736	699	1,005,814	14,914	7,564,198	10,779	6,108,534
		1890	219	17,682,500	1,186,150	2,569,650	3,519,979	10,406,721	514	623,786	9,840	4,984,868	6,984	4,090,838
153	Wheeling, W. Va	1900	406	13,224,577	1,086,022	2,113,951	2,545,192	7,479,412	465	439,582	7,219	3,096,730	5,302	2,750,586
		1890	418	8,494,630	755,943	1,244,451	2,618,387	3,875,849	743	566,565	6,107	2,471,162	4,503	2,203,718
		1880	227	4,868,288							5,512	2,192,255	4,658	
154	Wichita, Kans	1900	328	2,108,524	202,513	395,760	715,963	794,288	144	110,935	1,505	639,271	1,284	592,693
		1890	144	3,062,696	305,000	635,775	573,188	1,548,733	241	233,937	1,445	673,994	1,203	626,422
155	Wilkesbarre, Pa	1900	438	10,501,537	825,426	1,629,129	3,963,148	4,083,834	340	406,823	5,977	2,286,676	3,727	1,847,462
		1890	270	5,598,139	684,373	1,093,495	1,567,468	2,252,803	264	250,752	4,141	1,808,226	2,969	1,591,674
		1880	89	1,146,500							645	223,399	613	

CITIES SHOWN SEPARATELY FOR 1880, 1890, AND 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.				MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.										
262	$58,881	30	$4,245	$654,339	$54,563	$33,691	$563,904	$2,181	$3,284,524	$3,176,847	$107,677	$6,821,797	130
132	43,548	21	3,551	494,744	67,825	101,241	324,178	1,500	2,387,984	2,261,388	126,596	5,623,612	
13		48							328,476			642,412	
9,321	2,734,984	935	195,664	8,826,167	2,083,400	354,450	5,295,847	1,092,470	79,492,952	77,797,077	1,695,875	133,069,416	131
8,184	2,469,137	1,072	195,222	8,322,483	2,254,842	1,146,798	4,471,310	449,533	78,656,470	76,725,782	1,930,688	135,625,754	
3,574		1,182							47,966,677			77,801,949	
85	18,267	3	466	469,918	65,208	50,681	352,229	1,800	3,915,884	3,822,410	93,474	6,461,816	132
92	23,697	31	4,187	484,497	82,861	53,351	348,285		3,297,804	3,188,080	109,724	6,319,066	
68		66							2,457,606			3,396,297	
2,863	525,849	1,030	156,410	1,857,881	154,034	91,394	1,159,672	452,781	18,411,022	17,340,548	1,070,474	27,646,418	133
1,019	164,365	340	41,680	874,621	50,873	220,926	593,522	9,300	16,922,753	16,208,349	714,404	24,341,745	
456		185							6,671,479			8,561,850	
543	188,969	67	14,193	1,479,604	245,735	48,671	686,731	498,467	14,211,191	14,056,769	154,422	26,373,402	134
198	83,396	5	1,352	495,061	131,119	88,357	270,285	5,300	4,778,384	4,672,828	105,556	10,203,007	
438	95,925	56	9,128	664,486	73,239	25,611	550,221	15,415	10,669,672	10,489,555	180,117	15,469,702	135
152	44,684	52	7,235	494,489	133,424	23,542	329,098	8,425	10,295,190	10,183,298	111,892	14,119,843	
425	130,942	40	9,139	706,415	54,000	69,471	443,367	139,577	17,346,772	17,171,501	175,271	21,776,511	136
418	104,765	11	1,726	439,673	54,584	194,154	190,863	72	4,420,128	4,338,396	81,732	7,307,522	
84		21							4,608,192			5,852,535	
1,120	332,670	211	33,734	950,093	96,656	82,023	762,454	8,960	7,510,806	7,335,302	175,504	14,236,331	137
911	229,603	156	28,951	538,151	34,630	60,779	442,742		4,607,716	4,497,284	110,432	9,812,513	
469	113,945	35	5,327	631,823	62,392	25,410	422,352	121,669	3,290,207	3,175,004	115,203	6,612,286	138
354	82,477	27	3,321	303,368	53,272	57,461	189,870	2,765	3,790,754	3,703,331	87,423	6,562,470	
75		232							3,156,279			4,123,883	
2,536	785,460	134	28,234	2,067,702	261,276	105,406	1,178,641	522,379	9,194,841	8,991,127	203,714	21,207,039	139
2,138	676,163	77	14,750	875,334	226,271	131,225	501,088	16,750	7,817,534	7,629,627	187,907	17,040,692	
2,138		341							7,726,119			12,891,826	
145	32,222	26	3,402	154,290	27,832	14,526	68,827	43,105	2,274,705	2,222,823	51,882	4,126,871	140
157	35,294	63	5,202	270,601	34,767	29,302	81,147	125,385	1,657,877	1,627,410	30,467	3,062,095	
496	115,055	23	3,604	1,286,798	55,322	78,470	1,129,968	23,038	5,569,261	5,425,089	144,172	12,777,173	141
209	45,219	32	5,870	1,046,292	67,250	53,882	925,060	100	4,752,062	4,553,543	198,519	10,760,965	
47		182							4,550,569			8,462,443	
2,779	719,719	258	39,884	3,428,671	317,769	115,058	2,329,899	665,945	14,771,128	14,304,196	466,932	31,948,055	142
3,109	620,651	191	31,385	2,689,781	289,187	380,839	1,224,657	795,098	14,104,504	13,715,685	388,819	29,297,241	
2,871		582							8,544,436			14,695,674	
203	60,695	40	9,817	461,017	71,002	45,075	327,635	17,305	7,389,166	7,278,464	110,702	12,029,497	143
93	37,724	46	11,660	464,674	72,652	75,321	316,701		5,171,658	5,106,810	64,848	10,432,955	
1,541	511,325	326	62,705	908,180	41,305	98,606	751,381	16,888	5,993,237	5,772,053	221,184	12,594,814	144
1,481	446,945	64	10,739	707,629	42,272	67,357	593,300	4,700	4,799,287	4,610,009	189,278	9,936,829	
898		671							4,272,451			7,618,958	
1,067	252,081	16	2,181	15,358,415	62,749	47,734	15,088,687	159,245	8,029,285	7,798,189	231,096	27,784,619	145
764	151,414	194	23,353	3,903,928	52,430	3,594,870	187,826	68,802	6,785,616	6,623,187	162,429	13,720,529	
144		142							6,743,719			9,185,246	
2,404	551,721	262	53,827	3,068,389	259,845	153,514	2,490,855	164,175	21,986,798	21,477,275	509,523	37,372,355	146
1,343	306,439	239	32,826	1,246,042	199,184	423,303	616,355	7,200	12,189,924	11,964,406	225,518	21,651,574	
1,020		690							6,355,399			10,600,074	
291	66,628	24	3,856	417,231	67,882	33,250	242,111	73,988	6,023,934	5,911,064	112,870	9,977,605	147
256	64,210	66	9,689	276,038	78,175	24,611	161,602	11,650	3,670,106	3,601,443	68,663	6,752,449	
2,484	638,600	332	61,590	2,057,474	97,659	107,882	1,774,730	77,203	18,057,504	17,366,069	691,435	31,645,695	148
2,601	654,131	353	55,069	1,319,216	158,211	107,618	1,053,387		12,625,400	11,889,364	736,036	25,628,223	
1,084		1,127							7,421,399			12,712,762	
13,457	4,278,878	255	40,376	2,350,664	230,820	90,808	1,620,473	408,563	11,291,740	10,953,355	338,385	28,209,259	149
13,815	3,146,779	198	28,704	2,837,802	249,845	328,051	2,094,029	165,877	13,150,156	12,428,534	721,622	29,248,750	
11,114		980							13,442,219			26,492,363	
3,272	875,813	613	95,008	2,133,972	147,994	115,868	1,468,899	401,211	9,405,370	9,222,034	183,336	19,550,850	150
5,779	911,108	369	53,867	992,294	146,754	202,049	638,691	4,800	7,790,766	7,664,557	126,209	15,615,715	
2,620		338							5,180,598			8,873,306	
4,162	2,176,195	116	18,383	4,433,652	678,664	99,713	1,922,757	1,732,518	19,369,571	18,959,471	410,100	47,667,622	151
3,159	1,516,240	133	23,110	1,589,114	545,117	238,054	805,943		17,194,667	16,766,788	427,879	39,331,437	
1,389		261							5,365,400			11,882,316	
3,787	1,369,527	348	86,137	1,664,050	122,849	115,560	1,143,591	282,050	19,821,401	19,303,364	518,037	33,778,905	152
2,617	848,901	239	45,129	1,155,304	73,234	113,321	968,749		8,715,921	8,456,493	259,428	17,712,829	
1,775	323,019	142	23,125	1,954,205	73,767	66,168	1,728,315	85,955	9,076,978	8,569,619	507,359	16,747,544	153
1,099	193,294	505	74,150	1,205,931	83,155	634,313	488,463		7,381,940	6,902,033	479,907	13,022,589	
196		658							5,203,931			9,259,844	
200	42,810	21	3,768	176,146	46,511	10,833	81,171	37,631	3,060,661	3,014,051	46,610	4,724,068	154
172	37,932	70	9,640	304,458	39,583	12,778	252,097		3,380,478	3,324,874	55,604	5,074,913	
1,780	379,615	470	59,599	1,142,358	86,479	32,194	736,454	287,231	5,167,777	5,090,803	76,974	10,758,348	155
1,031	194,612	141	21,940	578,640	65,489	94,228	227,896	191,027	4,026,579	3,967,751	58,828	7,746,371	
17		15							660,649			1,133,344	

TABLE 2.—COMPARATIVE SUMMARY FOR THE PRINCIPAL

	Cities.	Year.	Number of establishments.	Capital.					Salaried officials, clerks, etc.		Average number of wage-earners and total wages.			
											Total.		Men, 16 years and over.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Number.	Salaries.	Average number.	Wages.	Average number.	Wages.
156	Williamsport, Pa	1900	396	$9,863,811	$912,145	$977,480	$2,094,664	$5,879,522	397	$352,348	5,595	$2,065,930	3,679	$1,587,052
		1890	302	12,335,423	2,783,778	826,547	1,759,761	6,965,337	460	406,048	5,653	2,271,531	4,688	2,073,874
157	Wilmington, Del	1900	759	28,372,043	3,201,197	4,382,350	7,703,295	13,085,201	1,051	1,138,361	16,055	7,439,210	13,725	6,892,440
		1890	590	20,585,646	2,575,882	3,135,902	4,353,300	10,520,562	1,007	956,281	13,370	6,707,867	11,827	6,356,470
		1880	258	10,744,389	----------	----------	----------	----------	----------	----------	7,852	3,174,821	6,871	----------
158	Wilmington, N. C	1900	131	2,968,199	736,350	471,580	817,216	943,053	120	103,178	1,850	568,250	1,495	519,145
		1890	121	1,752,667	174,350	269,240	646,865	662,212	141	89,260	1,358	460,608	1,178	435,124
159	Woonsocket, R. I	1900	242	14,279,361	766,592	3,201,245	3,697,841	6,613,683	166	258,715	8,093	3,080,280	4,972	2,212,008
		1890	201	10,096,619	836,405	1,238,838	3,519,812	4,501,564	227	220,388	6,190	2,141,229	3,227	1,367,918
160	Worcester, Mass	1900	1,071	42,966,743	3,051,618	5,084,905	11,370,982	23,459,238	1,430	1,791,000	25,593	12,894,784	20,421	11,431,473
		1890	996	25,230,620	1,752,855	2,455,949	5,836,413	15,185,403	1,485	1,573,707	20,244	10,120,414	16,383	9,066,644
		1880	638	11,247,104	----------	----------	----------	----------	----------	----------	16,248	6,792,382	13,498	----------
161	Yonkers, N. Y	1900	387	13,097,205	1,681,818	1,406,697	3,601,228	6,407,462	329	453,426	8,615	3,888,892	5,564	2,899,613
		1890	628	10,989,789	856,150	970,538	2,213,884	6,949,217	860	803,168	10,443	5,073,977	6,668	3,997,678
162	York, Pa	1900	464	9,640,784	926,336	1,357,974	2,210,686	5,115,788	404	438,281	7,785	2,679,175	5,802	2,283,326
		1890	350	3,842,453	524,245	506,900	872,991	1,938,317	451	289,038	3,669	1,320,418	2,883	1,186,536
163	Youngstown, Ohio	1900	260	22,360,097	1,634,360	3,081,032	10,834,301	6,810,404	434	492,823	9,150	4,951,460	8,905	4,885,779
		1890	245	7,542,742	646,585	992,160	2,170,663	3,733,334	357	311,707	5,486	3,295,952	5,158	3,219,256
164	Zanesville, Ohio	1900	293	5,162,067	423,530	1,016,554	1,172,137	2,549,846	424	319,864	4,603	1,786,005	3,590	1,582,538
		1890	301	4,200,409	398,967	824,777	935,546	2,041,119	299	235,343	3,388	1,325,590	2,727	1,216,333

CITIES SHOWN SEPARATELY FOR 1880, 1890, AND 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.				MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.										
1,614	$434,185	302	$44,693	$517,059	$54,824	$19,754	$400,698	$41,783	$6,420,337	$6,349,847	$70,490	$11,199,600	156
871	185,527	94	12,130	626,646	58,496	58,449	449,872	59,829	5,919,284	5,853,261	66,023	11,107,037	
1,835	465,629	495	81,141	1,658,908	148,719	84,141	1,323,269	102,779	19,451,815	18,911,506	540,309	34,053,324	157
960	254,724	583	96,673	1,131,648	102,044	124,962	722,330	182,312	13,050,152	12,616,392	433,760	24,568,125	
459	----------	522	----------	----------	----------	----------	----------	----------	7,884,847	----------	----------	13,205,370	
260	41,030	95	8,075	158,723	18,644	24,987	103,662	11,430	1,734,054	1,692,125	41,929	2,960,028	158
106	16,768	74	8,716	105,571	14,729	12,928	74,114	3,800	1,014,384	991,765	22,619	1,904,147	
2,635	782,236	486	86,036	589,795	60,679	48,369	423,657	57,090	7,563,204	7,378,053	185,151	15,627,539	159
2,487	696,171	476	77,140	393,282	75,109	40,105	278,068	----------	5,532,286	5,400,830	131,456	9,613,264	
4,589	1,336,473	583	126,838	4,258,926	452,388	281,664	3,230,681	294,193	26,666,176	25,798,828	867,348	53,348,783	160
3,646	1,020,047	215	33,723	1,827,815	373,361	216,292	1,236,721	1,441	21,208,904	20,407,178	801,726	39,533,869	
2,366	----------	384	----------	----------	----------	----------	----------	----------	16,274,319	----------	----------	26,712,093	
2,782	936,586	269	52,693	1,059,522	98,585	46,452	850,668	63,817	10,555,218	10,385,957	169,261	19,580,324	161
3,168	918,914	607	157,385	819,340	180,650	47,432	591,258	----------	10,995,699	10,783,998	211,701	21,319,017	
1,501	335,093	482	60,756	798,453	50,851	19,727	654,429	73,446	6,078,070	5,869,260	208,810	11,961,706	162
656	119,218	130	14,664	358,635	36,697	101,870	220,068	----------	3,170,840	3,068,018	102,822	5,968,223	
226	61,824	19	3,857	968,636	40,806	52,383	868,908	6,539	23,541,769	21,489,503	2,052,266	34,801,101	163
222	54,363	106	22,333	462,785	42,678	56,297	358,350	5,460	9,380,929	8,326,738	1,054,191	14,667,260	
1,000	201,505	13	1,962	365,338	31,861	39,284	291,772	2,421	3,756,489	3,511,162	245,327	7,468,839	164
601	101,762	60	7,495	393,616	27,980	79,990	285,646	----------	3,331,626	3,077,320	254,306	6,053,484	

TABLE 3.—SUMMARY FOR 1,341 CITIES,

	Cities, towns, and villages.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.	Average number of wage-earners and total wages. Men, 16 years and over. Average number.	Average number of wage-earners and total wages. Men, 16 years and over. Wages.
1	Total	307,433	$7,771,225,987	$711,244,749	$1,110,702,637	$1,951,669,602	$3,997,608,999	338,156	339,330	$353,864,977	4,250,306	$1,930,450,703	3,210,367	$1,655,628,215
2	Aberdeen, Miss	32	179,625	18,500	34,400	63,725	63,000	37	9	5,520	194	40,229	177	36,109
3	Abilene, Kans	70	232,181	10,271	35,125	55,595	131,190	79	59	20,320	192	63,251	161	58,499
4	Abington, Mass	67	758,395	9,800	104,000	126,998	517,597	77	56	52,962	1,568	713,181	1,109	562,076
5	Adams, Mass	107	6,646,981	315,265	1,187,949	3,058,359	2,085,408	114	56	125,874	3,315	1,234,459	1,907	818,353
6	Adrian, Mich	166	1,756,050	117,561	278,002	400,371	960,116	191	196	129,328	1,151	499,879	974	464,979
7	Akron, Ohio	431	24,199,310	1,208,661	4,596,380	5,970,113	12,424,156	427	1,130	1,019,025	9,030	3,971,307	7,299	3,529,449
8	Albany, N. Y	1,566	21,328,764	2,607,764	3,817,985	4,564,761	10,338,254	1,703	918	1,016,805	12,389	6,111,059	9,734	5,350,042
9	Albert Lea, Minn	83	466,426	63,300	76,250	100,292	226,584	98	21	14,363	336	146,104	282	134,237
10	Albion, Mich	61	1,420,593	35,982	166,643	276,447	941,521	70	85	67,447	520	221,913	491	215,892
11	Albion, N. Y	58	352,261	49,777	61,853	118,923	121,708	68	8	5,865	235	87,245	198	81,338
12	Albuquerque, N. M	102	793,644	71,425	122,185	327,363	272,671	117	28	22,080	926	497,268	894	490,378
13	Alexandria, Ind	95	3,062,182	144,090	1,112,380	1,110,620	695,092	98	40	86,719	1,903	993,815	1,700	952,050
14	Alexandria, Va	172	1,779,334	171,820	364,772	532,416	710,326	196	104	79,728	1,065	443,024	947	421,000
15	Allegan, Mich	54	193,453	29,185	30,595	51,360	82,313	66	9	5,166	184	65,371	161	61,160
16	Allegheny, Pa	893	50,122,503	5,598,172	6,295,361	6,783,766	31,445,204	1,040	2,027	2,098,121	20,804	10,352,502	17,820	9,753,687
17	Allentown, Pa	491	11,996,971	819,039	2,328,729	3,155,260	5,693,943	617	390	325,762	8,447	3,150,970	5,251	2,479,054
18	Alliance, Ohio	145	5,804,953	344,740	1,289,654	1,402,961	2,767,598	158	136	120,703	1,749	784,989	1,614	748,604
19	Alpena, Mich	98	2,585,476	251,307	328,646	613,235	1,392,288	120	60	48,351	1,004	420,334	935	406,158
20	Alton, Ill	160	2,967,168	184,460	496,813	553,616	1,732,279	177	124	112,198	2,360	1,127,545	1,996	1,060,369
21	Altoona, Pa	230	8,108,819	506,098	1,751,119	2,682,558	3,169,044	267	380	266,527	8,090	4,619,828	7,458	4,494,347
22	Americus, Ga	47	393,736	13,710	53,950	202,625	123,451	48	31	25,320	544	202,533	524	199,435
23	Amesbury, Mass	152	2,949,565	144,375	376,288	587,915	1,840,987	191	75	68,212	2,347	1,027,222	1,662	844,464
24	Amherst, Mass	67	559,085	24,041	104,708	134,572	295,764	71	22	21,560	525	253,906	320	172,510
25	Amsterdam, N. Y	213	10,119,879	598,241	1,219,204	2,537,060	5,765,374	257	197	223,221	6,769	2,680,359	3,904	1,722,464
26	Anaconda, Mont	57	17,135,601	134,885	5,582,548	1,480,156	9,938,012	54	95	185,215	2,484	2,198,005	2,455	2,187,359
27	Anderson, Ind	311	5,709,965	368,396	872,146	1,747,742	2,721,681	337	269	260,394	4,583	2,363,994	3,886	2,214,554
28	Anderson, S. C	52	1,280,111	29,563	222,026	580,087	448,435	65	26	22,325	910	166,313	471	108,052
29	Andover, Mass	57	2,096,294	94,500	311,516	251,944	1,438,334	58	48	53,602	1,103	436,212	683	314,100
30	Angola, Ind	38	201,548	11,700	22,500	80,075	87,273	42	8	4,372	141	47,300	129	44,833
31	Annapolis, Md	91	188,195	23,435	51,019	77,897	35,844	94	12	7,120	244	101,608	212	95,569
32	Ann Arbor, Mich	231	1,304,694	125,153	213,073	379,714	586,754	273	88	56,297	1,187	462,181	941	407,762
33	Anniston, Ala	59	2,396,273	146,540	451,830	929,320	868,583	52	64	64,566	1,997	649,983	1,593	591,581
34	Anoka, Minn	47	620,833	22,270	70,360	136,532	391,671	57	11	11,873	291	123,908	254	115,418
35	Ansonia, Conn	94	6,309,281	401,125	1,208,000	1,453,241	3,246,915	83	190	202,296	3,407	1,769,361	2,886	1,627,555
36	Antigo, Wis	65	469,185	50,006	77,470	116,557	225,152	69	16	14,746	373	147,591	352	144,837
37	Appleton, Wis	240	4,975,397	741,292	1,203,908	1,628,750	1,401,447	273	122	139,400	2,226	951,147	1,783	859,122
38	Argentine, Kans	45	10,753,128	270,744	3,530,085	4,459,926	2,492,373	51	42	20,739	741	436,226	734	434,752
39	Arkansas City, Kans	74	677,649	17,835	237,269	147,143	275,402	74	39	30,474	319	151,963	289	146,039
40	Arlington, Mass	90	406,128	18,674	62,625	122,509	202,320	97	20	13,922	323	197,099	292	188,006
41	Asheville, N. C	135	1,405,923	181,375	183,761	387,358	653,429	148	66	48,647	1,136	354,511	838	300,202
42	Ashland, Ky	82	2,980,975	121,947	703,917	662,163	1,492,948	83	72	82,346	1,620	575,152	1,556	564,320
43	Ashland, Pa	54	307,871	16,925	34,875	177,296	78,775	65	7	3,525	168	85,640	156	82,582
44	Ashland, Wis	129	6,017,653	2,490,230	255,173	807,024	2,465,226	135	72	81,903	1,830	875,715	1,776	861,679
45	Aspen, Colo	53	104,675	3,050	14,265	35,075	52,285	50	3	1,073	68	41,939	54	36,801
46	Ashtabula, Ohio	90	764,127	65,305	85,286	295,839	317,697	80	48	35,763	440	188,562	390	175,894
47	Astoria, Oreg	81	3,145,983	229,274	1,576,845	620,677	719,187	79	67	77,892	841	419,201	779	402,446
48	Atchison, Kans	111	1,139,313	75,800	172,950	318,386	572,177	127	53	39,738	881	415,816	724	384,214
49	Athens, Ga	59	801,744	43,650	86,586	281,877	389,631	71	37	21,631	844	175,183	466	128,307
50	Athens, N. Y	16	236,610	35,750	41,801	57,403	101,656	20	5	5,120	256	101,207	170	74,413
51	Athens, Ohio	39	306,632	14,310	90,038	62,117	140,167	45	30	17,554	215	95,865	192	90,021
52	Athens, Pa	51	843,719	143,146	161,135	95,276	444,162	54	38	29,107	589	220,250	517	210,828
53	Athol, Mass	129	1,722,593	133,850	258,969	493,178	836,596	142	104	95,398	1,455	668,445	1,016	526,904
54	Atlanta, Ga	390	16,045,156	1,216,811	1,692,831	6,740,771	6,394,743	386	780	851,801	9,356	3,103,989	6,442	2,572,230
55	Attica, Ind	46	389,945	25,945	50,816	55,208	257,976	54	56	36,604	313	94,550	200	74,499
56	Attleboro, Mass	179	5,833,100	154,240	713,984	1,783,385	3,181,491	233	278	287,177	5,106	2,354,880	3,570	1,839,469
57	Auburn, Ind	59	620,612	34,051	85,169	83,842	417,550	66	50	50,435	470	193,080	444	187,226
58	Auburn, Me	147	3,372,694	236,372	431,398	519,802	2,185,122	159	205	173,186	2,908	1,262,010	1,985	957,686
59	Auburn, N. Y	316	12,810,363	587,200	1,623,859	1,704,799	8,894,505	355	343	333,495	6,530	2,706,948	4,669	2,243,504
60	Augusta, Ga	383	8,990,989	903,439	1,904,576	3,290,809	2,892,165	374	262	277,556	7,092	1,806,654	4,341	1,353,885
61	Augusta, Me	171	3,488,474	110,035	426,750	1,466,965	1,484,724	190	102	117,290	2,227	798,638	1,242	587,828
62	Aurora, Ill	229	6,304,454	692,981	1,403,473	2,152,823	2,055,177	246	338	311,158	4,647	1,952,025	3,508	1,702,663
63	Aurora, Ind	59	515,494	19,260	53,173	164,786	278,275	55	39	31,755	515	172,542	427	154,895
64	Au Sable, Mich	6	9,380	2,655	1,150	3,575	2,000	6	2	2,700	38	17,700	35	17,150
65	Austin, Minn	69	469,671	41,420	137,080	106,871	184,300	85	19	13,293	265	107,206	215	97,937
66	Austin, Tex	279	825,293	51,088	84,496	343,340	346,369	298	60	47,590	967	471,818	854	443,100
67	Baker City, Oreg	79	482,181	62,150	52,625	124,046	243,360	94	6	5,000	345	218,433	315	209,057
68	Baldwinsville, N. Y	55	821,470	124,500	108,928	234,112	353,930	54	33	31,944	349	163,976	285	152,455
69	Ballston Spa, N. Y	62	3,415,471	422,522	682,493	953,378	1,357,078	65	22	51,612	992	439,183	973	434,980
70	Baltimore, Md	6,359	117,062,459	10,235,468	21,231,486	17,888,603	67,706,902	7,163	6,267	6,190,269	78,738	29,220,460	50,954	23,494,225
71	Bangor, Me	315	2,743,648	131,500	244,735	589,675	1,777,738	360	176	142,561	2,669	1,291,941	2,239	1,170,588
72	Bangor, Pa	73	804,517	55,650	61,250	206,301	481,316	81	70	44,700	944	348,687	810	327,062
73	Baraboo, Wis	75	371,969	43,000	83,050	93,705	152,214	85	21	15,432	405	178,509	324	162,153
74	Barberton, Ohio	27	3,366,386	443,028	561,399	765,508	1,596,451	26	65	96,423	1,115	461,082	931	422,556
75	Barnesville, Ga	16	528,408	18,575	66,900	171,715	271,218	15	23	21,570	572	117,703	262	82,018
76	Barnesville, Ohio	56	503,124	31,974	126,066	97,230	247,854	68	31	22,276	418	183,033	303	166,724

TOWNS, AND VILLAGES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.				MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.										
914,954	$254,642,043	124,985	$20,180,445	$920,203,268	$88,034,701	$37,322,328	$629,441,072	$165,405,167	$5,856,380,318	$5,701,474,224	$154,906,094	$10,541,767,614	1
16	4,000	1	120	10,765	2,577	1,617	6,571	----------	110,914	107,161	3,753	228,278	2
24	3,687	7	1,065	26,587	3,672	1,804	20,011	1,100	365,596	357,597	7,999	534,619	3
349	147,405	110	3,700	56,423	3,362	4,553	48,208	300	1,712,764	1,702,662	10,102	2,684,641	4
1,252	383,363	156	32,743	251,319	7,132	52,517	168,284	23,386	1,839,969	1,719,983	119,986	4,189,239	5
166	33,197	11	1,703	164,186	14,219	8,050	127,305	14,612	1,041,707	1,018,662	23,045	2,424,678	6
1,666	433,314	65	8,544	1,779,804	56,626	111,104	1,236,162	375,912	13,474,282	13,114,806	359,476	23,610,099	7
2,541	739,767	114	21,250	2,383,917	309,631	105,062	1,747,941	221,283	11,121,501	10,865,899	255,602	24,992,021	8
51	11,317	3	550	28,777	8,770	2,830	17,177	----------	402,032	389,466	12,566	750,100	9
26	5,587	3	434	118,988	5,591	6,210	106,800	387	503,879	493,367	10,512	1,080,426	10
33	5,545	4	362	14,802	4,897	1,273	7,432	1,200	203,695	199,156	4,539	405,774	11
32	6,890	----------	----------	70,476	17,537	6,076	32,178	14,685	953,597	918,514	35,083	1,879,413	12
84	16,715	119	25,050	139,082	6,719	13,887	118,476	----------	1,237,069	1,190,979	46,090	2,929,596	13
99	20,565	19	1,459	282,115	12,419	9,810	248,983	10,903	788,671	764,783	23,888	1,890,383	14
23	4,211	----------	----------	15,195	2,963	2,548	9,651	33	218,375	207,935	10,440	363,278	15
2,467	498,848	517	99,967	5,120,269	204,342	179,698	3,781,492	954,737	29,478,781	28,516,193	962,588	54,136,967	16
2,574	598,527	622	73,389	1,310,643	79,022	28,480	838,971	364,170	9,846,047	9,435,081	410,966	16,947,722	17
123	34,387	12	1,998	160,343	12,674	8,825	138,380	464	1,906,204	1,846,748	59,456	3,730,144	18
52	11,903	17	2,273	126,462	6,953	16,024	103,485	----------	1,476,613	1,443,121	33,492	2,445,896	19
125	24,209	239	42,967	258,922	16,601	12,686	228,203	1,432	2,654,463	2,554,238	100,225	4,633,035	20
432	95,013	200	30,468	350,501	39,385	10,887	242,741	57,488	8,376,488	8,182,520	193,968	14,250,656	21
14	2,470	6	628	27,356	4,646	5,064	17,646	----------	313,395	299,460	13,935	664,706	22
621	172,079	64	10,679	227,659	33,982	19,250	169,205	5,222	2,090,449	2,033,800	56,649	3,898,251	23
204	81,283	1	113	73,716	4,972	3,327	24,187	41,230	716,093	699,710	16,383	1,316,143	24
2,694	909,464	171	48,431	584,019	36,889	32,564	494,223	20,343	6,424,315	6,313,755	110,560	11,502,316	25
18	5,740	11	4,906	323,291	12,852	98,536	209,103	2,800	12,098,075	11,563,880	534,195	21,334,952	26
367	79,635	330	69,805	418,526	30,840	43,598	332,518	11,570	6,204,219	6,033,722	170,497	10,941,854	27
184	32,389	255	25,872	58,753	4,422	7,477	45,354	1,500	637,879	599,625	38,254	1,127,483	28
341	113,226	79	8,886	110,106	8,247	17,369	75,490	9,000	1,073,222	1,050,203	23,019	1,888,329	29
9	2,035	3	432	12,309	2,108	1,206	8,935	60	268,280	263,443	4,837	420,937	30
27	5,545	5	494	9,797	5,130	2,156	2,331	180	170,043	166,298	3,745	393,086	31
239	53,536	7	883	209,967	24,271	7,679	76,461	101,556	1,238,260	1,214,663	23,597	2,340,138	32
242	36,803	162	21,599	134,530	6,168	13,093	109,779	5,490	1,414,873	1,342,384	72,489	2,594,758	33
37	8,490	----------	----------	56,246	4,983	5,580	31,723	13,960	1,451,288	1,438,856	12,432	1,847,812	34
515	141,203	6	603	348,682	13,496	27,314	293,367	14,505	15,051,022	14,786,728	264,294	18,736,179	35
15	2,137	6	617	42,760	3,204	3,982	35,124	450	385,939	381,354	4,585	728,755	36
390	85,125	53	6,900	304,724	17,522	40,615	241,749	4,838	3,251,621	3,047,777	203,844	5,330,669	37
5	1,312	2	162	118,218	1,611	8,056	108,551	----------	15,016,721	14,913,629	103,092	20,337,170	38
20	4,892	10	1,032	68,277	6,963	10,619	50,695	----------	725,361	706,537	18,824	1,078,555	39
27	8,322	4	771	53,915	13,192	2,881	17,213	20,629	268,934	257,181	11,753	681,010	40
216	35,536	82	18,773	59,362	21,311	7,575	30,211	265	1,065,023	1,041,200	23,823	1,866,109	41
14	2,314	50	8,518	169,151	14,972	11,680	137,449	5,050	3,046,856	2,575,506	471,350	4,595,809	42
11	2,914	1	144	9,779	2,617	776	6,386	----------	132,909	128,551	4,358	274,765	43
50	13,621	4	415	300,286	16,477	52,256	149,765	81,788	1,929,656	1,745,359	184,297	4,157,718	44
14	5,138	----------	----------	12,663	5,848	1,653	5,162	----------	87,084	83,656	3,428	206,447	45
49	12,472	1	196	67,950	8,219	4,377	23,323	32,031	575,249	563,438	11,811	997,848	46
57	15,695	5	1,060	187,231	12,527	9,359	109,923	55,422	1,530,436	1,507,691	22,745	2,528,370	47
146	30,162	11	1,440	97,926	17,019	7,719	68,188	5,000	1,699,953	1,667,587	32,366	2,600,459	48
230	36,300	148	10,576	42,030	6,638	6,093	29,119	180	553,201	536,445	16,756	950,234	49
76	25,169	10	1,625	3,845	329	643	2,673	200	178,777	170,798	7,979	354,540	50
18	5,172	5	672	27,671	3,203	3,389	14,701	6,378	158,314	145,957	12,357	366,052	51
48	6,423	24	2,999	54,356	12,280	826	36,413	4,837	618,956	606,767	12,189	1,012,183	52
421	133,996	18	7,545	119,906	11,128	11,364	85,895	11,519	1,307,815	1,291,410	16,405	2,549,704	53
2,129	424,777	785	106,982	1,352,444	149,904	92,766	1,055,778	53,996	8,563,524	8,400,347	163,177	16,707,027	54
113	20,051	----------	----------	416,719	3,778	3,465	409,302	174	250,291	247,083	3,208	955,478	55
1,472	502,117	64	13,294	359,736	62,681	31,862	232,033	33,160	4,106,820	4,039,166	67,654	9,442,752	56
25	5,754	1	100	37,988	3,295	3,270	28,763	2,660	655,775	648,498	7,277	1,152,250	57
880	298,140	43	6,184	257,089	20,209	25,317	200,563	11,000	4,144,815	4,110,398	34,417	6,326,851	58
1,709	437,496	152	25,948	644,549	49,381	35,778	529,005	30,385	5,630,925	5,499,075	131,850	10,591,109	59
2,081	382,634	670	70,135	617,178	61,152	117,213	433,713	5,100	6,234,176	6,098,234	135,942	10,041,900	60
910	196,434	75	14,376	666,785	29,506	25,765	355,258	256,256	1,459,662	1,418,883	40,779	3,822,679	61
982	226,237	157	23,125	495,077	47,420	29,407	415,250	3,000	3,490,279	3,374,381	115,898	7,370,029	62
81	16,807	7	840	32,920	3,212	3,391	24,309	2,008	481,483	474,193	7,290	877,139	63
3	550	----------	----------	621	70	353	198	----------	25,644	25,469	175	57,725	64
48	9,019	2	250	26,065	5,970	1,662	18,433	----------	474,286	447,688	26,598	757,455	65
91	26,115	22	2,603	152,199	30,055	7,284	47,801	67,059	896,750	871,400	25,350	1,921,853	66
26	8,941	4	435	55,598	10,388	4,392	26,061	14,757	398,986	388,993	9,993	944,872	67
60	11,244	4	277	69,891	3,230	2,692	63,969	----------	628,762	619,306	9,456	1,085,262	68
17	3,753	2	450	87,250	2,976	10,687	73,587	----------	2,107,160	2,014,037	93,123	3,075,836	69
23,710	5,149,416	4,074	576,819	14,512,809	1,654,441	677,341	9,660,685	2,520,342	87,175,134	85,947,690	1,227,444	161,249,240	70
427	120,928	3	425	260,703	53,941	18,103	149,072	39,587	2,740,287	2,698,230	42,057	5,172,733	71
101	17,975	33	3,650	110,955	61,399	1,017	48,539	----------	552,647	529,839	22,808	1,230,350	72
80	16,136	1	220	43,109	5,226	3,154	29,014	5,715	346,458	336,988	9,470	695,731	73
174	87,326	10	1,200	323,720	924	14,383	308,413	----------	1,804,453	1,733,641	70,812	3,256,844	74
195	26,519	115	9,166	23,162	580	4,340	18,242	----------	596,399	587,169	9,230	1,024,949	75
103	15,312	7	997	37,903	2,754	3,794	30,914	441	358,674	344,536	14,138	657,060	76

TABLE 3.—SUMMARY FOR 1,341 CITIES,

	Cities, towns, and villages.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Total. Wages.	Men, 16 years and over. Average number.	Men, 16 years and over. Wages.
77	Barre, Vt	239	$1,343,544	$95,100	$140,340	$329,512	$778,592	366	55	$47,724	2,123	$1,315,790	2,089	$1,305,066
78	Batavia, Ill	37	2,020,528	225,942	311,218	350,765	1,132,603	36	89	91,470	838	364,812	779	351,390
79	Batavia, N. Y	126	3,532,968	81,700	409,182	546,197	2,495,889	133	192	168,354	1,773	753,494	1,400	691,583
80	Bath, Me	142	3,256,726	338,399	365,951	688,690	1,863,686	154	89	87,551	2,249	1,191,092	2,147	1,167,749
81	Battle Creek, Mich	177	7,354,492	322,031	634,529	808,225	5,589,707	190	448	409,557	2,323	1,079,934	1,953	989,991
82	Baton Rouge, La	27	778,570	53,990	123,757	347,731	253,092	22	40	31,782	302	110,855	300	110,398
83	Bay City, Mich	376	5,645,525	365,503	633,736	1,106,111	3,540,175	403	233	201,312	3,307	1,466,328	3,021	1,395,041
84	Bayonne, N. J	225	26,583,058	3,849,989	2,617,376	10,160,849	9,954,844	236	251	414,099	5,083	2,856,776	4,890	2,812,448
85	Beatrice, Nebr	79	594,679	41,350	82,045	163,348	307,936	82	45	31,819	436	172,330	374	159,388
86	Beaufort, S. C	18	34,331	5,500	5,500	16,130	7,201	18	1	900	29	6,833	27	6,633
87	Beaumont, Tex	51	3,113,766	1,157,034	187,088	432,308	1,337,336	48	58	83,788	954	439,078	943	434,503
88	Beaverdam, Wis	57	1,181,842	86,650	194,353	300,803	600,036	64	28	35,600	707	215,526	515	179,803
89	Beaver Falls, Pa	119	6,367,196	339,305	1,300,458	1,778,327	2,949,106	110	134	161,828	2,231	1,022,075	1,951	964,939
90	Bedford, Ind	55	438,793	73,850	103,371	110,550	151,022	62	13	13,503	315	154,771	292	150,358
91	Belfast, Me	79	517,055	15,950	58,367	125,724	317,014	105	24	17,721	679	251,639	392	173,535
92	Bellaire, Ohio	94	3,612,811	155,545	677,319	2,134,276	645,671	97	88	114,520	2,141	923,305	1,838	854,682
93	Bellefontaine, Ohio	104	620,585	69,800	106,360	192,538	251,887	119	50	35,578	713	311,942	648	301,079
94	Bellefonte, Pa	62	874,076	60,025	275,306	207,087	331,658	71	44	38,011	506	219,770	459	209,364
95	Belle Plaine, Iowa	41	89,742	15,500	20,125	20,425	33,692	55	4	2,787	135	58,338	126	57,132
96	Belleville, Ill	260	2,573,648	144,775	429,009	508,542	1,491,322	305	130	118,634	1,800	832,610	1,594	782,033
97	Bellevue, Ky	30	73,463	6,850	8,000	47,803	10,810	32	3	1,686	79	27,839	51	22,940
98	Bellevue, Ohio	38	661,742	29,222	81,988	69,496	481,036	37	34	37,286	301	125,986	278	120,872
99	Beloit, Wis	103	2,593,589	137,343	437,648	635,997	1,382,601	118	119	130,178	2,055	981,217	1,878	934,035
100	Belton, Tex	53	309,003	21,550	65,425	159,228	62,800	58	9	6,693	189	74,462	168	71,747
101	Belvidere, Ill	106	1,695,879	67,339	338,431	474,886	815,223	118	87	91,685	1,147	636,482	1,070	620,666
102	Bennington, Vt	82	3,129,196	151,475	356,380	899,289	1,722,052	85	88	101,805	1,855	701,030	994	429,732
103	Benton Harbor, Mich	89	1,215,244	69,656	163,256	524,691	457,641	98	58	47,550	700	247,166	587	224,047
104	Benwood, W. Va	16	4,727,266	477,240	1,102,825	1,679,844	1,467,357	11	77	72,379	2,995	1,388,601	2,874	1,362,431
105	Berkley, Va	48	1,740,919	764,050	141,550	233,484	601,835	46	56	64,301	1,186	485,434	1,021	463,906
106	Berlin, Conn	30	1,915,065	134,761	306,865	373,105	1,100,334	25	61	110,094	996	500,530	902	470,495
107	Berlin, N. H	69	7,572,021	1,301,533	889,750	2,504,290	2,876,448	75	71	93,295	2,705	1,061,795	2,430	987,653
108	Berlin, Wis	65	458,021	72,200	58,850	84,420	242,551	70	35	23,570	376	134,514	245	117,980
109	Berwick, Pa	33	2,446,463	86,775	441,050	569,287	1,349,351	28	53	61,882	1,335	730,505	1,292	721,244
110	Bessemer, Ala	42	3,620,082	519,287	1,166,534	833,260	1,101,001	33	49	57,639	1,669	605,741	1,652	602,488
111	Bessemer, Mich	27	87,975	2,700	6,800	10,400	68,075	25	8	9,000	43	23,992	40	23,452
112	Bethel, Conn	47	437,800	16,330	52,500	132,756	236,214	54	43	47,370	780	383,252	533	319,905
113	Bethlehem, Pa	106	1,871,072	156,370	348,128	823,150	543,424	117	44	46,480	1,265	326,954	631	207,310
114	Beverly, Mass	227	2,552,955	78,987	160,002	667,056	1,646,910	286	116	75,073	2,810	1,390,066	2,097	1,158,435
115	Biddeford, Me	108	6,067,194	304,586	650,800	2,282,952	2,828,856	122	44	75,545	4,527	1,554,146	2,404	954,745
116	Big Rapids, Mich	59	554,666	52,877	99,524	135,108	267,157	64	22	17,848	454	180,285	429	175,116
117	Biloxi, Miss	39	417,902	29,987	45,578	116,451	225,886	40	17	11,300	593	136,441	225	89,192
118	Binghamton, N. Y	594	9,295,859	707,736	1,086,719	2,549,843	4,951,561	663	517	490,442	6,106	2,461,084	3,970	1,878,395
119	Birdsboro, Pa	26	1,095,356	21,925	203,480	329,025	540,926	30	24	47,226	861	335,450	759	312,729
120	Birmingham, Ala	283	7,434,654	579,430	1,527,434	2,466,453	2,861,337	284	359	405,424	6,675	2,587,221	5,980	2,440,998
121	Blackstone, Mass	23	5,023,339	528,087	710,101	567,754	3,217,397	16	51	82,687	1,742	776,201	1,243	619,018
122	Bloomfield, N. J	150	3,354,149	180,370	396,495	696,441	2,080,843	162	148	224,014	1,840	899,298	1,401	768,578
123	Bloomington, Ill	185	2,465,300	121,050	375,625	865,569	1,103,056	196	207	147,282	2,030	974,736	1,761	921,990
124	Bloomington, Ind	58	317,937	44,900	49,800	93,600	129,637	67	14	12,170	391	123,949	374	119,978
125	Bloomsburg, Pa	65	2,093,473	134,750	509,587	608,313	840,823	69	66	63,090	1,029	328,385	635	250,986
126	Bluffton, Ind	91	416,432	31,100	48,800	86,458	250,074	84	43	24,126	461	175,829	372	157,030
127	Boone, Iowa	114	400,260	40,875	46,290	89,736	223,359	146	29	19,590	680	315,833	592	300,906
128	Booneton, N. J	39	575,470	13,830	68,375	174,460	318,805	42	32	30,418	574	218,613	456	189,943
129	Booneville, Mo	97	299,128	18,900	75,550	82,795	121,883	119	9	6,064	203	89,426	164	82,285
130	Bordentown, N. J	35	590,439	35,540	81,075	95,713	378,111	36	12	9,615	469	123,632	96	44,980
131	Boston, Mass	7,247	143,311,376	11,828,389	17,376,624	33,725,878	80,380,485	8,009	8,840	9,114,118	72,142	39,184,191	52,831	32,886,426
132	Boundbrook, N. J	47	716,323	17,303	95,203	272,935	330,882	44	24	34,794	523	190,005	421	164,317
133	Bowling Green, Ky	104	624,907	57,700	77,225	190,413	299,569	119	48	34,167	782	290,774	658	264,867
134	Braddock, Pa	121	2,724,303	323,222	389,723	691,145	1,320,213	132	71	60,828	1,437	893,037	1,374	877,892
135	Bradford, Pa	149	2,674,380	132,453	283,837	860,663	1,397,427	183	101	97,397	1,965	1,031,949	1,821	985,255
136	Braidwood, Ill	14	12,455	675	2,600	5,725	3,455	14	-------	----------	11	4,936	8	4,468
137	Brainerd, Minn	54	1,924,045	209,810	219,010	409,372	1,085,853	62	55	59,288	989	528,012	972	523,802
138	Brandon, Vt	61	205,645	36,880	28,540	58,849	81,376	69	11	5,414	239	83,472	195	75,856
139	Branford, Conn	40	802,721	128,195	219,978	133,288	321,260	37	25	31,652	908	426,952	808	404,977
140	Brattleboro, Vt	119	1,334,492	61,175	200,812	275,357	797,148	132	63	68,861	854	376,647	581	289,374
141	Brazil, Ind	124	1,469,183	161,230	222,375	628,830	456,748	138	46	36,687	809	375,614	759	365,649
142	Brewer, Me	44	735,924	83,450	166,100	111,110	375,264	47	25	22,540	364	170,268	328	160,890
143	Bridgeport, Conn	832	33,066,890	2,047,221	3,775,717	8,653,129	18,590,823	839	1,163	1,498,768	19,301	9,123,790	13,609	7,454,429
144	Bridgeport, Ohio	23	1,717,473	85,500	285,500	1,046,939	299,534	23	74	84,757	1,614	911,421	1,494	885,576
145	Bridgeport, Pa	28	1,954,100	55,590	371,747	589,606	937,157	24	22	30,207	833	265,209	402	174,970
146	Bridgton, Me	43	738,503	83,787	171,630	176,744	306,342	54	12	9,469	376	132,539	303	109,367
147	Bridgeton, N. J	135	2,357,651	249,336	343,000	452,077	1,313,238	154	119	109,344	2,333	836,188	1,775	734,680
148	Bridgewater, Mass	54	866,911	42,305	114,035	160,820	549,751	55	39	39,839	838	478,381	705	422,485
149	Brigham, Utah	33	104,944	14,663	28,805	25,142	36,334	36	10	2,283	74	27,709	61	25,775
150	Bristol, Conn	143	3,764,528	306,052	828,698	911,246	1,718,532	135	142	199,424	2,476	1,188,943	1,920	1,030,305
151	Bristol, Me	37	205,495	25,925	43,000	65,870	70,700	40	4	4,650	226	65,030	168	52,520
152	Bristol, Pa	72	3,616,181	81,545	189,551	1,288,827	2,056,258	72	57	67,902	2,027	751,033	1,135	502,412
153	Bristol, R. I	72	3,919,260	122,800	747,612	927,239	2,121,609	79	73	93,743	2,009	828,366	1,164	551,227
154	Bristol, Tenn	59	742,605	174,464	82,700	109,362	376,079	66	62	41,066	511	138,898	394	119,241
155	Bristol, Va	56	860,211	146,755	241,783	200,594	271,079	63	57	38,501	746	241,380	712	236,383
156	Brockport, N. Y	39	528,469	18,018	61,835	112,863	335,753	48	32	29,984	400	134,792	305	114,340

TOWNS, AND VILLAGES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.				MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
31	$10,224	3	$500	$215,116	$25,226	$7,191	$111,799	$70,900	$993,625	$937,536	$56,089	$3,242,274	77
59	13,422	----------	----------	79,459	3,518	10,369	65,372	200	1,091,220	1,078,905	12,315	1,868,989	78
369	61,399	4	512	219,002	15,920	12,347	148,235	42,500	1,425,436	1,401,151	24,285	2,993,297	79
99	22,961	3	382	179,255	12,239	11,801	106,306	48,909	2,126,388	2,074,324	52,064	4,036,815	80
363	88,634	7	1,309	1,467,100	22,759	26,312	1,404,049	13,980	2,351,015	2,296,231	54,784	6,753,208	81
1	400	1	57	95,917	2,654	4,714	88,549	----------	406,538	387,078	19,460	748,401	82
279	70,204	7	1,083	385,641	38,420	42,363	283,076	21,782	3,820,599	3,765,276	55,323	7,087,624	83
117	30,640	76	13,688	805,433	34,854	82,146	622,095	66,338	34,094,479	33,051,109	1,043,370	39,352,248	84
45	11,444	17	1,548	31,192	7,668	3,169	19,171	1,184	436,314	430,481	5,833	789,228	85
----------	----------	2	200	2,146	1,417	489	240	----------	21,894	20,517	1,377	46,981	86
8	4,090	3	485	71,167	7,385	15,273	48,269	240	1,184,094	1,173,935	10,159	2,014,501	87
161	31,379	31	4,344	60,237	4,192	6,543	49,372	130	529,527	504,293	25,234	1,002,255	88
174	38,253	106	18,883	303,189	9,464	10,275	283,450	----------	3,780,051	3,657,751	122,300	6,245,501	89
21	4,118	2	295	28,382	6,126	4,169	18,087	----------	275,609	267,010	8,599	566,185	90
281	77,272	6	832	36,035	6,389	2,495	19,854	7,297	540,314	524,964	15,350	964,738	91
243	58,626	60	9,997	250,403	7,904	15,875	226,606	18	6,129,193	5,418,518	710,675	9,150,462	92
52	9,379	13	1,484	44,706	9,394	6,919	22,793	5,600	662,703	641,592	21,111	1,189,201	93
45	10,242	2	164	46,731	10,632	1,173	34,376	550	652,436	560,480	91,956	1,175,668	94
6	988	3	218	8,819	2,568	755	3,296	2,200	122,413	118,704	3,709	232,581	95
92	14,061	114	36,516	916,492	15,893	10,857	737,015	152,727	1,293,228	1,240,864	52,364	3,766,988	96
26	4,494	2	405	20,047	1,718	1,186	3,993	13,150	61,619	60,600	1,019	149,558	97
10	2,602	13	2,512	25,057	2,967	1,947	20,143	----------	539,671	533,003	6,668	834,880	98
170	46,090	7	1,092	135,927	12,621	8,357	107,483	7,466	1,543,086	1,486,772	56,314	3,185,080	99
20	2,625	1	90	16,963	3,061	3,011	9,491	1,400	279,922	269,699	10,223	467,504	100
73	15,416	4	400	118,168	11,481	6,331	84,994	15,362	928,730	919,132	9,598	2,036,734	101
840	267,178	21	4,120	161,755	25,811	8,131	114,891	12,922	1,443,830	1,407,233	36,597	2,805,608	102
101	22,011	12	1,108	65,208	8,000	4,659	46,349	6,200	737,546	721,449	16,097	1,269,243	103
2	416	119	25,754	141,352	170	16,454	109,913	14,815	6,572,629	6,055,049	517,580	11,142,268	104
159	20,722	6	806	117,420	10,627	7,367	72,276	27,150	1,482,572	1,476,901	5,671	2,391,048	105
92	29,691	2	344	70,972	1,136	3,703	63,098	3,035	1,242,414	1,194,699	47,715	2,222,134	106
260	71,167	15	2,975	406,907	5,803	34,286	248,589	118,229	3,281,365	2,975,004	306,361	6,314,496	107
124	15,568	7	966	32,112	5,301	2,704	22,857	1,250	412,259	402,776	9,483	736,247	108
35	8,162	8	1,099	111,067	2,040	3,095	101,845	4,087	2,808,813	2,726,499	82,314	4,372,953	109
4	960	13	2,293	317,590	9,343	19,431	288,816	----------	2,206,654	1,491,059	715,595	3,561,549	110
2	440	1	100	6,552	2,233	316	4,003	----------	70,659	68,358	2,301	141,466	111
244	62,897	3	450	70,204	5,989	2,194	44,266	17,755	592,921	575,168	17,753	1,229,651	112
439	98,607	195	21,037	240,028	14,443	4,054	122,944	98,587	995,368	974,546	20,822	1,832,219	113
667	223,184	46	8,447	215,536	43,160	9,340	87,587	75,449	2,546,186	2,511,318	34,868	4,933,752	114
1,927	567,315	196	32,086	519,361	12,413	89,810	264,121	153,017	3,098,244	3,050,019	48,225	5,769,844	115
24	5,049	1	120	32,699	3,539	4,698	24,094	368	401,545	398,859	2,686	761,634	116
245	33,835	123	13,414	32,022	3,196	1,867	26,959	----------	605,663	596,458	9,205	949,031	117
2,113	579,134	23	3,555	1,040,419	86,397	29,385	893,400	31,237	6,339,365	6,231,353	108,012	12,638,547	118
58	15,568	44	7,153	58,240	15,095	2,836	40,309	----------	1,321,574	999,662	321,912	2,026,928	119
484	122,975	211	23,248	533,368	82,801	40,630	380,920	29,017	6,045,552	4,893,413	1,152,139	12,581,066	120
421	143,798	78	13,385	86,602	1,139	28,457	57,003	3	2,850,300	2,807,061	43,239	6,593,641	121
372	119,341	67	11,379	256,025	14,176	12,469	192,001	37,379	1,895,655	1,854,220	41,435	3,860,796	122
242	48,868	27	3,878	202,807	36,983	15,393	117,326	33,105	2,008,907	1,958,324	50,583	3,845,768	123
14	3,697	3	274	21,611	4,764	4,836	12,011	----------	405,636	400,153	5,483	714,838	124
308	63,892	86	13,507	106,093	8,615	3,183	44,256	50,039	978,508	960,711	17,797	1,732,559	125
87	18,340	2	459	49,299	8,662	3,910	34,727	2,000	525,428	516,948	8,480	973,993	126
60	12,640	28	2,287	28,725	14,450	3,694	10,346	235	471,794	455,155	16,639	975,645	127
117	28,598	1	72	48,295	13,726	2,269	32,300	----------	1,009,005	993,313	15,692	1,458,942	128
25	5,079	14	2,062	28,129	5,948	2,144	20,037	----------	271,425	266,644	4,781	473,455	129
280	64,058	93	14,594	35,555	1,831	1,795	31,877	52	405,675	400,253	5,422	663,706	130
18,584	6,166,107	727	131,658	23,652,792	3,834,456	919,161	12,262,280	6,636,895	99,557,019	98,023,933	1,533,086	206,081,767	131
83	23,001	19	2,687	69,737	5,936	3,037	51,099	9,665	352,133	335,215	16,918	742,374	132
111	24,605	13	1,302	64,174	11,162	5,188	36,002	11,822	855,636	844,030	11,606	1,557,952	133
37	10,247	26	4,898	875,170	16,632	4,061	462,227	392,250	3,111,916	3,045,666	66,250	5,643,152	134
120	38,148	24	8,546	224,962	17,977	5,001	175,084	26,900	2,011,858	1,938,070	73,788	4,101,339	135
----------	----------	3	468	1,096	468	91	537	----------	12,939	12,321	618	28,322	136
12	3,425	5	785	102,130	5,435	6,832	89,863	----------	1,112,037	1,093,784	18,253	1,943,962	137
33	6,446	11	1,170	11,816	2,441	997	6,517	1,861	158,691	155,681	3,010	326,249	138
70	15,860	30	6,115	40,871	1,641	2,682	32,178	4,370	239,507	213,199	26,308	917,147	139
263	85,999	10	1,274	90,213	18,851	6,400	63,055	1,907	665,599	644,338	21,261	1,544,457	140
35	7,422	15	2,543	62,593	7,292	4,841	36,565	13,895	1,077,795	1,018,657	59,138	1,815,474	141
36	9,378	----------	----------	72,121	8,393	6,329	34,559	22,840	540,326	527,709	12,617	889,779	142
5,446	1,609,413	246	59,948	2,564,392	196,367	106,339	2,040,428	221,258	19,133,236	18,709,995	423,241	37,883,721	143
62	15,315	58	10,530	61,653	1,959	14,608	44,986	100	2,874,661	2,798,456	76,205	4,793,847	144
333	76,847	98	13,392	66,292	2,484	3,140	60,668	----------	1,358,235	1,343,050	15,185	1,821,585	145
73	23,172	----------	----------	37,577	2,201	2,555	32,696	125	409,096	394,072	15,024	662,391	146
441	83,813	117	17,695	99,557	12,294	9,455	66,316	11,492	1,216,192	1,091,457	124,735	2,649,919	147
127	54,704	6	1,192	43,933	4,107	5,451	31,875	2,500	1,300,927	1,257,679	43,248	2,075,377	148
9	1,466	4	468	4,650	593	598	3,459	----------	98,892	97,133	1,759	172,101	149
541	155,292	15	3,346	207,650	13,281	19,152	162,265	12,952	2,224,314	2,142,149	82,165	4,364,097	150
31	7,835	27	4,675	5,593	275	1,128	3,190	1,000	137,965	134,912	3,053	266,380	151
664	208,844	228	39,777	332,920	25,478	2,012	303,409	2,021	2,577,508	2,510,090	67,418	4,008,248	152
794	270,596	51	6,543	317,873	5,422	7,907	298,744	5,800	2,028,612	1,982,737	45,875	3,670,251	153
71	13,428	46	6,229	109,020	6,808	2,367	99,781	64	533,743	527,686	6,057	988,073	154
20	3,160	14	1,837	38,056	6,159	7,585	24,312	----------	579,654	542,095	37,559	1,092,628	155
94	20,302	1	150	75,433	4,307	2,214	68,912	----------	480,284	475,518	4,766	816,208	156

TABLE 3.—SUMMARY FOR 1,341 CITIES,

	Cities, towns, and villages.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Total. Wages.	Men, 16 years and over. Average number.	Men, 16 years and over. Wages.
157	Brockton, Mass	428	$10,193,688	$447,562	$766,755	$1,585,551	$7,393,820	494	631	$654,785	10,986	$6,166,462	8,161	$4,954,968
158	Brookfield, Mass	35	393,859	14,600	12,050	59,080	308,129	33	10	8,500	455	202,800	334	163,737
159	Brookfield, Mo	64	101,293	11,150	24,515	32,130	33,498	74	4	2,160	193	89,698	161	84,237
160	Brooklyn, Conn	17	1,404,043	29,650	391,825	616,975	365,593	13	11	18,038	725	226,824	413	146,606
161	Brookville, Ind	40	155,082	11,700	33,300	54,560	55,522	47	17	9,960	199	71,294	185	68,294
162	Brownsville, Tenn	25	78,554	3,275	10,750	20,344	44,185	34	6	2,145	59	15,240	51	13,795
163	Brownsville, Tex	36	96,905	6,680	15,544	42,382	32,299	37	9	2,007	63	17,646	59	17,290
164	Brunswick, Ga	73	423,826	49,400	70,602	155,440	148,384	76	18	16,540	550	247,516	534	244,292
165	Brunswick, Me	80	1,673,359	166,450	267,428	610,551	628,930	85	33	29,754	970	350,726	516	227,317
166	Bryan, Ohio	59	315,671	18,148	75,225	77,899	144,399	75	10	8,392	180	73,054	156	69,103
167	Bryan, Tex	37	182,870	8,116	24,750	96,893	53,111	43	10	7,000	120	42,387	110	40,320
168	Bucksport, Me	26	84,480	3,410	16,010	29,335	35,725	31	------	------	84	31,690	78	30,828
169	Bucyrus, Ohio	91	1,011,031	78,458	216,569	276,841	439,163	103	62	54,192	751	338,535	679	328,229
170	Buena Vista, Va	22	921,135	8,200	191,415	330,718	390,802	21	24	33,388	390	126,698	353	118,706
171	Buffalo, N. Y	3,902	103,939,655	11,658,359	15,563,836	31,705,763	45,011,697	4,280	4,184	3,680,491	43,422	19,915,817	36,252	18,432,353
172	Burlington, Iowa	340	5,235,624	1,284,792	499,200	1,169,563	2,282,069	358	303	203,540	2,598	1,013,998	2,199	945,303
173	Burlington, N. J	88	1,471,543	101,900	226,958	446,254	696,431	96	105	142,106	1,461	640,453	1,043	520,272
174	Burlington, Vt	196	5,066,377	308,512	727,437	1,137,553	2,892,875	199	243	301,689	2,794	1,008,188	2,058	836,887
175	Burrillville, R. I	64	2,922,075	208,250	312,931	393,090	2,007,804	64	49	68,576	1,865	739,988	1,220	534,533
176	Butler, Ind	25	170,911	8,650	31,578	36,667	94,016	27	20	10,362	175	51,925	146	47,449
177	Butler, Pa	129	1,696,396	154,175	285,422	532,314	724,485	159	40	47,668	1,003	505,468	905	482,462
178	Butte, Mont	212	5,683,033	497,950	1,786,503	696,776	2,701,804	227	114	121,734	1,379	1,355,286	1,241	1,305,290
179	Cadillac, Mich	63	2,553,064	862,073	91,043	330,432	1,269,516	86	34	28,853	788	362,660	738	351,135
180	Cairo, Ill	125	2,346,403	538,550	312,108	600,325	895,420	126	122	99,104	1,621	592,535	1,486	569,901
181	Calais, Me	73	1,715,940	463,263	108,848	184,067	959,762	82	42	41,650	855	317,575	697	289,403
182	Calvert, Tex	29	150,778	5,550	9,100	123,303	12,825	24	4	3,500	101	25,208	100	24,996
183	Cambridge, Mass	782	26,662,751	1,951,228	3,799,781	5,995,583	14,916,159	884	1,095	1,160,805	12,986	6,785,070	9,894	5,864,500
184	Cambridge, Ohio	65	1,201,662	62,625	132,340	416,555	590,142	74	63	58,077	849	523,339	809	513,585
185	Camden, Me	55	1,680,251	137,732	125,971	271,714	1,144,834	59	34	29,519	841	382,191	639	333,339
186	Camden, N. J	817	16,430,611	1,427,045	2,372,518	4,166,668	8,464,380	844	736	715,598	8,941	3,824,434	6,546	3,289,453
187	Camden, S. C	26	304,289	38,100	62,250	136,455	67,484	26	8	4,902	349	61,769	256	47,824
188	Canal Dover, Ohio	75	1,931,838	99,673	440,395	583,861	807,909	79	62	84,215	1,507	721,242	1,462	711,478
189	Canandaigua, N. Y	86	1,338,169	56,839	222,728	266,266	792,336	97	52	55,524	579	254,701	532	242,050
190	Canastota, N. Y	52	768,521	30,160	106,989	128,806	502,566	56	43	33,570	468	194,262	434	189,777
191	Cannelton, Ind	26	509,822	18,000	84,700	219,733	187,389	25	9	12,900	410	95,672	151	49,508
192	Canton, Ill	72	4,713,448	210,062	229,632	260,585	4,013,169	88	86	73,531	1,162	462,011	1,003	419,496
193	Canton, Mass	59	2,214,623	202,470	517,975	405,949	1,088,229	58	85	103,062	749	339,899	501	262,436
194	Canton, Ohio	502	10,094,813	935,518	1,625,524	1,959,271	5,574,500	541	562	523,561	6,455	2,970,245	5,530	2,735,277
195	Cape Girardeau, Mo	94	431,170	65,286	72,757	134,116	159,011	115	26	14,631	282	105,009	266	103,285
196	Carbondale, Pa	92	1,618,034	89,445	373,492	350,108	804,989	103	71	69,552	1,138	387,528	735	326,722
197	Caribou, Me	38	206,125	12,700	36,600	61,200	95,625	43	8	3,255	125	43,010	111	40,660
198	Carlisle, Pa	109	1,125,635	95,265	172,442	254,135	603,793	129	82	92,894	1,385	415,986	858	315,855
199	Carmi, Ill	35	115,166	13,300	17,200	31,731	52,935	42	3	1,120	98	36,463	92	34,998
200	Carnegie, Pa	53	465,830	62,546	66,150	120,375	216,759	55	14	15,678	381	231,519	358	225,875
201	Carrollton, Mo	48	215,760	14,850	39,750	56,695	104,465	60	8	4,220	120	41,445	100	36,548
202	Carson City, Nev	35	260,434	6,350	37,850	69,015	147,219	39	3	4,580	71	57,434	70	57,254
203	Cartersville, Ga	26	93,908	8,450	12,750	46,940	25,768	28	8	3,450	75	15,827	59	14,125
204	Carthage, Mo	94	859,385	110,929	97,533	325,356	325,567	107	48	40,698	523	217,237	403	189,004
205	Carthage, Ohio	24	404,420	16,750	65,650	78,400	243,620	27	21	20,846	369	143,361	363	141,041
206	Catasauqua, Pa	68	3,136,958	280,372	1,363,224	555,921	937,441	63	72	94,575	1,543	592,026	1,181	527,471
207	Catskill, N. Y	75	1,579,609	212,808	464,000	452,068	450,733	88	44	43,831	903	376,644	659	300,590
208	Cedar Falls, Iowa	67	658,605	144,855	134,550	140,410	238,790	75	33	23,703	315	123,090	239	108,035
209	Cedar Rapids, Iowa	241	6,256,801	475,675	1,314,867	1,390,512	3,075,747	281	336	286,448	3,105	1,313,821	2,543	1,193,715
210	Celina, Ohio	34	149,000	9,340	35,800	51,310	52,550	43	14	9,302	153	58,314	129	54,797
211	Centerville, Iowa	54	173,910	29,850	43,450	74,245	26,365	59	13	6,931	203	82,667	162	75,290
212	Central Falls, R. I	134	3,389,256	292,880	698,390	987,387	1,410,599	138	69	84,647	2,092	800,852	1,198	567,408
213	Centralia, Ill	66	624,385	42,255	112,850	187,875	281,405	75	29	29,754	636	243,628	510	226,532
214	Chambersburg, Pa	107	853,037	85,556	91,780	263,297	412,404	124	35	25,425	793	283,676	600	245,233
215	Champaign, Ill	122	510,371	64,695	70,750	186,505	188,421	139	34	27,080	515	234,461	425	215,122
216	Chanute, Kans	54	98,261	13,500	14,405	35,750	34,606	65	5	4,500	154	71,627	122	63,490
217	Chariton, Iowa	46	126,090	8,770	17,890	24,338	75,092	52	5	3,549	175	64,837	147	60,517
218	Charleroi, Pa	62	2,395,002	136,044	725,285	778,141	755,532	65	66	79,673	1,270	671,371	1,011	615,070
219	Charles City, Iowa	61	288,313	59,400	58,967	60,581	109,365	73	6	4,326	184	77,479	166	73,504
220	Charleston, S. C	364	12,473,187	515,003	2,047,951	1,822,032	8,088,201	363	268	291,148	5,027	1,489,966	4,017	1,340,062
221	Charleston, W. Va	119	1,371,807	136,275	152,990	429,243	653,299	110	95	81,995	1,176	454,578	1,059	428,521
222	Charlotte, Mich	65	360,900	18,895	51,925	116,314	173,766	82	43	23,363	327	120,069	274	108,155
223	Charlotte, N. C	112	4,102,342	204,531	479,592	1,591,620	1,826,599	101	185	174,848	2,988	699,846	1,704	520,138
224	Charlottesville, Va	79	827,234	75,436	121,417	186,767	443,614	87	55	56,708	487	153,857	346	126,237
225	Chattanooga, Tenn	332	8,103,870	666,583	1,402,205	1,752,453	4,282,629	332	486	442,348	5,472	1,889,795	4,899	1,780,270
226	Cheboygan, Mich	61	1,845,540	143,502	179,482	347,997	1,174,559	69	38	40,549	665	280,188	646	276,065
227	Chelsea, Mass	308	8,211,682	499,237	935,194	1,652,923	5,124,328	328	342	346,985	3,332	1,625,875	2,421	1,330,520
228	Chelsea, Mich	40	207,550	14,200	30,100	50,050	113,200	47	26	13,254	188	70,415	171	67,120
229	Chester, Pa	315	18,977,710	1,565,692	3,044,227	5,838,218	8,529,573	327	324	494,821	7,682	3,462,196	5,935	2,941,151
230	Chester, S. C	26	480,624	25,042	91,591	180,685	183,306	31	18	12,492	584	114,108	369	83,850
231	Chetopa, Kans	30	57,296	4,920	12,555	24,010	15,811	36	1	300	27	9,524	19	8,300
232	Cheyenne, Wyo	71	645,105	47,150	157,350	292,840	147,765	79	25	21,403	589	474,111	568	466,423
233	Chicago, Ill	19,203	534,000,689	54,226,853	71,586,976	142,136,393	266,050,467	19,872	35,003	34,374,733	262,621	131,065,337	210,687	116,525,569
234	Chicago Heights, Ill	67	2,866,541	160,950	420,181	770,933	1,514,477	60	159	208,607	1,529	790,645	1,491	779,560
235	Chicopee, Mass	122	6,595,802	449,495	1,179,121	1,814,499	3,152,687	129	123	158,509	4,331	1,668,362	2,495	1,160,573
236	Chillicothe, Mo	111	323,685	27,292	49,903	99,385	147,105	133	12	9,520	290	114,007	228	100,682

TOWNS, AND VILLAGES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.				MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.										
2,754	$1,195,231	71	$16,263	$1,189,168	$115,447	$57,927	$903,605	$112,129	$15,980,653	$15,876,063	$104,590	$26,384,881	157
115	37,849	6	1,214	33,067	13,436	1,430	18,191	10	544,591	528,174	16,417	809,420	158
25	4,275	7	1,186	12,109	6,985	806	4,318	----------	135,336	130,590	4,746	329,889	159
267	76,346	45	3,872	38,895	621	7,089	30,585	600	351,198	338,709	12,489	756,235	160
11	2,692	3	308	14,488	1,829	1,104	11,555	----------	173,049	168,322	4,727	817,968	161
6	1,354	2	91	10,711	2,274	403	1,089	6,945	68,338	66,159	2,179	128,432	162
----------	----------	5	356	3,478	685	883	1,379	531	58,292	55,817	2,475	108,680	163
6	1,970	10	1,254	39,144	12,095	6,479	13,200	7,370	551,817	541,411	10,406	1,171,378	164
392	113,761	62	9,648	118,462	8,385	11,809	97,518	750	551,472	539,040	12,432	1,194,275	165
22	3,676	2	275	24,232	3,898	1,813	18,501	20	208,349	203,492	4,857	396,757	166
6	1,510	4	557	18,160	3,165	1,087	8,908	5,000	142,811	138,549	4,262	306,362	167
6	862	----------	----------	5,243	1,095	1,230	2,918	----------	90,919	90,379	540	160,014	168
56	8,974	16	1,332	73,535	7,542	8,166	55,827	2,000	557,220	541,930	15,290	1,300,327	169
37	7,992	----------	----------	30,495	1,204	2,606	26,685	----------	1,063,877	888,689	175,188	1,477,150	170
6,606	1,408,828	564	74,636	9,559,245	963,661	416,299	7,579,805	599,480	73,359,466	71,774,498	1,584,968	122,230,061	171
312	56,744	87	11,951	414,819	53,785	22,350	305,053	33,631	2,809,536	2,753,641	55,895	5,334,196	172
403	117,698	15	2,483	101,573	7,377	6,824	63,332	24,040	1,788,443	1,751,638	36,805	2,905,991	173
690	162,867	46	8,434	1,064,709	38,193	22,117	954,228	50,171	3,751,186	3,696,421	54,765	7,094,538	174
557	188,711	88	16,744	256,248	49,439	6,440	147,330	53,039	2,574,503	2,538,253	36,250	4,089,160	175
23	3,770	6	706	12,089	789	1,011	10,189	100	194,511	191,406	3,105	327,600	176
64	15,593	34	7,413	144,796	8,630	15,040	75,990	45,136	749,216	686,737	62,479	1,877,419	177
115	44,306	23	5,690	265,989	70,328	22,416	120,725	52,520	3,966,492	3,599,430	367,062	8,958,782	178
44	10,403	6	1,122	104,501	4,368	34,024	66,109	----------	1,364,339	1,360,471	3,868	2,164,787	179
31	8,239	104	14,395	199,109	23,422	11,421	151,320	12,946	2,119,681	2,098,479	21,202	3,466,015	180
156	27,912	2	260	98,317	4,538	15,859	77,570	350	872,768	863,780	8,988	1,493,126	181
1	212	----------	----------	14,718	1,917	993	11,808	----------	236,767	226,878	9,889	527,005	182
3,028	906,619	64	13,951	2,229,106	226,463	202,576	1,471,814	328,253	23,986,638	23,634,781	351,857	39,164,013	183
40	9,754	----------	----------	82,401	5,062	5,458	71,356	525	1,438,670	1,393,829	44,841	2,459,368	184
202	48,852	----------	----------	60,560	4,504	4,925	50,131	1,000	933,518	913,868	19,650	1,618,017	185
2,115	493,605	280	41,376	1,487,751	114,274	58,317	909,243	405,917	11,499,151	11,194,586	304,565	20,451,874	186
45	8,123	48	5,822	25,845	720	1,882	23,103	140	125,826	115,920	9,906	241,632	187
31	7,065	14	2,699	128,719	3,290	6,288	98,941	20,200	2,026,574	1,822,186	204,388	3,380,494	188
46	12,555	1	96	267,964	8,700	5,722	253,542	----------	789,719	774,928	14,791	1,514,576	189
27	3,173	7	1,312	37,779	3,960	1,671	31,446	702	463,604	448,062	15,542	890,365	190
245	44,664	14	1,500	18,859	663	5,774	12,422	----------	189,758	182,299	7,459	375,592	191
152	42,037	7	478	161,660	13,237	5,977	141,346	1,100	671,217	649,332	21,885	1,806,640	192
244	76,695	4	768	83,839	4,732	12,004	66,113	990	929,509	874,246	55,263	1,650,829	193
903	231,657	22	3,311	1,081,809	45,345	49,913	765,643	220,908	5,604,399	5,406,643	197,756	12,258,427	194
3	468	13	1,256	35,871	5,429	2,450	27,742	250	331,749	320,959	10,790	612,259	195
210	40,211	193	20,595	100,701	13,939	10,383	76,379	----------	572,101	554,405	17,696	1,384,662	196
11	2,050	3	300	8,289	2,124	1,542	4,523	100	200,245	196,281	3,964	341,294	197
495	97,079	32	3,052	83,436	12,583	2,630	62,553	5,670	1,249,456	1,234,789	14,667	2,131,239	198
6	1,465	----------	----------	9,406	1,780	968	6,612	46	81,977	79,070	2,907	169,171	199
18	4,994	5	650	67,192	6,914	7,220	27,269	25,789	434,660	415,196	19,464	909,890	200
19	4,797	1	100	11,525	4,253	1,004	6,268	----------	185,757	180,690	5,067	311,368	201
----------	----------	1	180	17,377	3,185	3,318	10,874	----------	61,977	56,721	5,256	185,387	202
8	975	8	727	5,266	1,348	1,035	2,467	416	54,151	51,635	2,516	115,941	203
110	26,916	10	1,317	90,658	13,098	4,289	27,971	45,300	543,592	522,953	20,639	1,176,981	204
6	2,320	----------	----------	802,443	1,453	1,750	799,240	----------	415,216	399,510	15,706	1,557,273	205
208	42,343	154	22,212	190,598	2,769	11,558	135,045	41,226	1,660,319	1,380,471	279,848	3,197,297	206
221	72,582	23	3,472	74,116	7,795	6,518	59,803	----------	495,860	430,224	65,636	1,196,543	207
75	14,935	1	120	55,380	5,289	4,335	45,686	70	678,000	671,300	6,700	1,049,557	208
442	97,026	120	23,080	518,455	43,800	18,033	408,458	48,164	8,969,992	8,874,586	95,406	12,715,897	209
20	3,013	4	504	11,881	2,764	1,170	7,022	925	235,619	232,536	3,083	410,097	210
36	7,027	5	350	14,695	3,673	1,936	3,986	5,100	168,272	162,259	6,013	341,169	211
809	216,102	85	17,342	221,472	14,312	20,819	78,204	108,137	2,119,055	2,065,048	54,007	3,749,783	212
125	16,976	1	120	23,137	5,119	2,872	15,126	20	637,728	627,348	10,380	1,081,230	213
165	34,218	28	4,225	62,527	10,829	1,574	34,724	15,400	633,952	623,475	10,477	1,127,423	214
79	18,692	11	647	60,736	15,085	3,317	16,546	25,788	372,801	364,165	8,636	867,995	215
31	8,009	1	128	9,224	4,832	701	3,491	200	132,216	129,998	2,218	280,370	216
24	3,940	4	380	12,068	5,070	658	5,140	1,200	155,346	152,477	2,869	323,900	217
48	11,612	211	44,689	278,069	2,133	12,150	229,086	34,700	700,669	614,034	86,635	1,871,505	218
15	3,819	3	156	15,021	3,944	1,655	8,892	530	231,804	227,352	4,452	433,985	219
790	133,647	220	16,257	796,573	45,787	85,226	654,329	11,231	5,633,578	5,499,100	134,478	9,562,387	220
103	24,149	14	1,908	95,991	23,988	9,776	61,321	906	1,033,443	1,013,913	19,530	2,052,762	221
53	11,914	----------	----------	23,351	4,620	2,742	13,989	2,000	285,638	279,869	5,769	528,317	222
807	131,730	477	47,978	218,221	17,142	21,933	175,232	3,914	2,892,587	2,783,466	109,121	4,702,301	223
139	27,420	2	200	43,938	7,895	3,203	27,840	5,000	387,690	378,977	8,713	858,144	224
432	94,530	141	14,995	778,998	55,543	46,305	631,932	45,218	7,322,503	6,882,605	439,898	12,033,780	225
16	3,329	3	794	118,522	5,434	11,981	101,107	----------	1,054,867	1,046,138	8,729	1,730,843	226
902	293,908	9	1,447	678,248	55,349	55,155	463,759	103,985	5,764,409	5,666,973	97,436	10,333,549	227
15	3,000	2	295	8,705	1,543	932	6,230	----------	123,785	120,118	3,667	293,452	228
1,451	469,662	296	51,383	1,222,400	87,265	41,259	802,561	291,315	9,261,886	8,782,471	479,415	16,421,725	229
117	20,565	98	9,693	41,367	1,152	3,597	36,618	----------	376,980	355,460	21,520	645,444	230
8	1,224	----------	----------	3,332	1,729	631	920	52	71,704	70,170	1,534	112,789	231
20	7,480	1	208	71,546	10,055	5,834	31,957	23,700	542,428	534,300	8,128	1,254,074	232
44,961	13,218,194	6,973	1,321,574	80,414,823	7,394,488	2,322,950	55,222,254	15,475,131	538,401,562	527,421,626	10,979,936	888,945,311	233
26	8,441	12	2,644	194,949	6,010	5,921	146,731	36,287	2,063,722	1,970,767	92,955	3,902,338	234
1,716	486,742	120	21,047	433,337	15,416	75,345	331,426	11,150	5,666,713	5,585,075	81,638	8,704,907	235
54	12,250	8	1,075	20,154	8,980	1,874	8,928	372	309,296	304,146	5,150	608,767	236

TABLE 3.—SUMMARY FOR 1,341 CITIES,

	Cities, towns, and villages.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Total. Wages.	Men, 16 years and over. Average number.	Men, 16 years and over. Wages.
237	Chillicothe, Ohio	115	$914,447	$98,690	$198,510	$244,956	$372,291	128	75	$37,368	1,223	$454,644	945	$414,357
238	Chippewa Falls, Wis	72	1,847,675	772,500	173,725	202,366	699,084	79	46	51,680	555	243,161	514	234,487
239	Cincinnati, Ohio	5,127	109,582,142	10,024,369	13,894,633	23,414,761	62,248,379	5,805	6,657	6,776,141	63,240	27,189,069	46,882	23,275,688
240	Circleville, Ohio	83	1,168,592	98,525	231,875	369,493	468,699	113	50	28,941	686	221,470	542	202,627
241	Claremont, N. H	89	1,767,883	126,075	312,757	655,814	673,237	91	68	71,478	1,428	579,624	839	376,034
242	Clarinda, Iowa	44	126,706	8,325	27,860	31,206	59,315	57	4	1,659	85	33,449	74	31,167
243	Clarksville, Tenn	105	1,402,405	79,877	250,411	227,511	844,606	131	111	107,121	912	247,202	697	215,311
244	Clay Center, Kans	54	179,558	39,150	20,900	39,945	79,563	60	9	3,751	71	25,311	49	21,696
245	Cleburne, Tex	75	459,325	31,740	78,035	241,823	107,727	75	41	42,423	807	406,011	785	399,880
246	Cleveland, Ohio	2,927	98,303,682	7,649,793	12,094,490	28,116,093	50,443,306	3,078	5,410	5,732,145	58,810	27,892,689	49,240	25,582,476
247	Cleveland, Tenn	29	238,785	14,950	29,700	66,675	127,460	30	19	15,200	453	97,653	185	52,804
248	Clinton, Ill	23	125,072	14,190	44,000	23,395	43,487	26	15	12,246	190	95,067	186	93,967
249	Clinton, Iowa	224	4,537,200	488,115	333,806	777,119	2,938,160	208	202	232,612	3,080	1,137,019	2,738	1,068,104
250	Clinton, Mass	104	7,098,744	150,892	1,231,765	1,874,147	3,841,940	111	85	115,312	4,021	1,600,948	2,409	1,049,994
251	Clinton, Mo	62	333,364	31,440	61,150	141,527	99,247	72	16	12,667	172	69,099	133	61,683
252	Clyde, N. Y	46	533,305	35,384	75,906	78,510	343,505	52	21	16,904	222	97,658	161	88,598
253	Coatesville, Pa	70	4,772,487	112,543	906,308	878,757	2,874,879	73	113	95,805	1,854	840,322	1,674	808,961
254	Coffeyville, Kans	64	406,444	28,280	77,290	170,012	130,862	71	25	19,294	417	148,823	377	140,772
255	Cohoes, N. Y	316	11,316,482	256,835	2,429,154	3,762,828	4,867,665	327	215	257,138	8,673	3,140,668	4,246	1,755,035
256	Colchester, Vt	31	1,298,233	91,529	206,561	321,893	678,250	29	42	41,115	932	251,499	623	177,943
257	Coldwater, Mich	119	1,925,720	261,227	283,661	972,348	408,484	132	72	71,428	846	324,389	695	294,992
258	Collinsville, Ill	51	408,614	16,850	114,087	129,116	148,561	57	19	22,235	344	150,604	332	147,935
259	Colorado Springs, Colo	159	1,446,189	187,621	121,713	619,223	517,632	180	109	71,719	822	489,337	748	467,995
260	Columbia, Pa	142	2,403,571	235,475	344,349	751,329	1,072,418	141	86	61,522	2,729	968,288	1,728	797,399
261	Columbia, S. C	92	5,277,306	153,891	1,017,150	2,465,062	1,641,203	89	87	108,021	3,250	759,200	2,140	597,709
262	Columbia, Tenn	167	574,789	61,830	114,985	172,488	225,486	191	34	24,556	648	198,636	502	171,561
263	Columbia City, Ind	60	340,995	28,290	51,500	105,450	155,755	56	16	12,704	254	109,313	205	97,316
264	Columbus, Ga	134	5,687,392	331,948	835,243	1,760,967	2,759,234	150	196	192,655	4,810	1,200,360	2,777	786,220
265	Columbus, Ind	94	2,637,825	99,208	253,339	349,059	1,936,219	116	155	116,356	1,347	522,427	1,279	510,321
266	Columbus, Miss	57	610,431	65,813	135,134	236,206	173,278	59	29	19,635	584	138,639	428	118,223
267	Columbus, Ohio	914	25,392,136	2,456,310	3,644,451	6,966,529	12,324,846	968	1,759	1,644,304	17,066	7,718,824	14,528	7,091,119
268	Concord, N. H	298	4,811,982	441,162	699,897	1,075,941	2,594,982	355	162	144,051	3,101	1,612,966	2,776	1,503,277
269	Concord, N. C	32	2,040,351	51,562	379,079	1,103,159	506,551	25	38	35,049	1,953	410,215	1,095	265,462
270	Concordia, Kans	48	98,619	10,400	15,875	30,150	42,194	56	3	1,820	98	43,570	85	41,228
271	Conneaut, Ohio	68	595,115	74,670	111,008	146,725	262,712	87	31	35,375	651	285,634	542	263,718
272	Connersville, Ind	68	1,880,511	77,850	270,525	321,431	1,210,705	68	105	94,505	1,455	589,095	1,393	575,427
273	Connellsville, Pa	121	1,283,667	109,887	174,035	367,000	632,745	149	57	45,230	916	495,761	831	477,787
274	Conshohocken, Pa	55	3,957,818	205,350	542,275	1,105,919	2,104,274	51	129	178,180	1,951	896,797	1,525	773,299
275	Coraopolis, Pa	20	471,294	25,976	80,048	86,881	278,389	19	41	69,436	397	171,916	295	141,380
276	Corinth, Miss	38	441,689	25,425	47,800	98,585	269,879	41	39	47,800	476	151,657	335	132,873
277	Corinth, N. Y	23	71,930	13,200	15,300	23,545	19,885	28	2	550	67	22,411	33	15,425
278	Corning, N. Y	138	2,212,109	144,665	380,640	368,123	1,318,681	154	135	154,442	1,965	870,770	1,688	789,657
279	Corpus Christi, Tex	39	75,770	6,760	7,790	27,493	33,727	40	3	2,520	80	32,210	67	30,205
280	Corry, Pa	109	830,727	79,540	164,457	165,073	421,657	112	36	28,318	585	255,129	524	241,089
281	Corsicana, Tex	118	929,030	37,600	88,231	417,848	385,351	139	53	42,731	508	262,292	453	248,483
282	Cortland, N. Y	118	2,857,094	215,629	485,914	692,772	1,462,779	130	123	128,691	1,629	715,749	1,405	655,255
283	Coshocton, Ohio	48	806,023	30,975	95,591	320,235	359,222	44	127	108,360	1,088	339,120	674	251,310
284	Council Bluffs, Iowa	198	1,176,408	118,838	188,162	378,428	490,980	213	126	110,013	1,179	609,905	1,034	578,270
285	Coventry, R. I	34	1,808,570	173,708	508,413	562,213	564,236	27	21	34,650	1,335	465,321	747	318,395
286	Covington, Ky	404	4,754,786	452,285	719,298	1,665,406	1,917,797	435	218	215,860	3,972	1,555,089	3,066	1,381,411
287	Coxsackie, N. Y	36	499,385	37,205	74,810	164,530	222,840	40	21	20,320	353	170,684	278	155,700
288	Cranston, R. I	38	1,884,867	286,818	590,362	419,441	588,246	36	49	72,660	644	326,790	588	309,725
289	Cresco, Iowa	55	135,030	9,185	31,390	29,435	65,020	69	5	1,425	96	34,910	88	33,525
290	Creston, Iowa	103	398,925	25,735	132,202	157,675	83,313	105	29	22,295	418	177,476	370	169,715
291	Cripple Creek, Colo	127	342,256	34,200	46,925	82,700	178,431	137	34	31,370	400	336,591	352	320,329
292	Crawfordsville, Ind	71	402,497	42,300	58,918	143,925	157,354	78	38	29,668	318	133,502	274	122,568
293	Crookston, Minn	60	761,047	92,734	107,665	141,026	419,622	67	22	15,040	349	191,410	334	187,145
294	Cumberland, Md	142	2,946,748	268,134	725,217	644,255	1,309,142	151	176	131,085	1,992	815,503	1,800	775,784
295	Cumberland, R. I	27	4,488,459	308,600	1,851,093	905,287	1,423,479	29	35	52,931	1,688	660,997	998	491,735
296	Cuero, Tex	37	187,598	10,350	34,350	126,115	16,783	39	8	7,600	86	35,113	76	32,996
297	Cuyahoga Falls, Ohio	27	906,439	68,300	111,200	447,845	279,094	32	38	42,340	522	253,292	507	250,454
298	Dallas, Tex	373	6,897,015	419,074	845,097	1,757,153	3,875,691	386	540	547,271	3,756	1,852,485	2,947	1,666,150
299	Dalton, Ga	28	734,234	17,460	110,815	337,432	268,527	38	26	17,205	752	127,750	302	72,949
300	Dalton, Mass	33	1,724,823	53,015	534,828	318,285	818,695	36	53	85,633	848	351,101	423	225,609
301	Danbury, Conn	283	3,636,619	173,648	345,101	1,051,208	2,066,662	344	168	146,665	4,296	2,017,155	3,004	1,635,632
302	Dansville, N. Y	78	446,469	31,075	83,877	124,675	206,842	92	22	19,579	253	87,944	166	70,897
303	Danvers, Mass	90	1,398,834	60,040	119,555	265,020	954,219	109	51	53,671	974	489,432	760	416,741
304	Danville, Ill	174	1,585,156	107,220	356,158	454,565	667,213	209	53	50,238	1,257	598,624	1,072	558,238
305	Danville, Pa	92	2,836,268	112,179	302,306	1,110,576	1,311,207	107	74	75,998	2,414	855,306	1,968	798,944
306	Danville, Va	139	5,832,258	158,924	664,914	1,804,078	3,204,342	185	248	182,695	5,143	1,040,820	2,605	684,069
307	Darby, Pa	45	1,363,579	59,715	196,708	570,323	536,833	54	24	28,259	744	270,921	287	144,369
308	Davenport, Iowa	416	10,774,707	1,862,998	2,157,409	2,921,106	3,833,194	456	458	455,082	4,348	1,892,737	3,330	1,657,089
309	Dayton, Ky	59	193,690	23,750	24,575	55,910	89,455	62	4	2,440	236	86,218	147	70,227
310	Dayton, Ohio	1,096	28,027,518	1,822,675	3,936,778	4,861,843	17,406,222	1,197	1,455	1,570,994	16,869	7,959,792	13,576	7,059,503
311	Dayton, Tenn	21	621,268	4,350	382,650	120,513	113,755	22	11	6,160	606	134,030	600	133,230
312	Dayton, Wash	47	274,665	14,200	39,500	57,690	163,275	50	9	8,100	69	40,645	65	39,765
313	Decatur, Ala	24	229,807	33,500	23,875	82,645	89,787	25	10	7,052	198	54,650	189	52,792
314	Decatur, Ill	239	3,632,263	373,650	436,862	850,971	1,970,777	255	268	220,109	2,313	994,659	1,956	926,631
315	Decatur, Ind	83	389,040	68,200	50,400	80,400	190,040	107	20	15,898	341	128,181	292	121,231
316	Decorah, Iowa	85	318,540	26,750	69,175	78,505	144,310	97	8	5,491	174	75,619	144	69,360

TOWNS, AND VILLAGES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.				MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.										
264	$39,096	14	$1,191	$96,614	$11,666	$8,682	$76,266	----------	$914,665	$896,898	$17,767	$1,709,895	237
37	8,024	4	650	104,828	5,342	36,736	61,753	$997	1,273,597	1,266,237	7,360	2,131,067	238
15,314	3,761,098	1,044	152,283	22,873,620	1,649,757	562,399	17,792,211	2,869,253	77,539,292	76,516,468	1,022,824	157,806,834	239
108	15,613	36	3,230	59,518	7,084	7,659	44,175	600	1,273,874	1,234,472	39,402	1,933,996	240
459	166,165	130	37,425	100,826	7,244	13,107	72,015	8,460	1,429,533	1,380,956	48,577	2,502,632	241
10	2,140	1	142	9,434	2,759	1,017	3,618	2,040	97,158	94,581	2,577	179,996	242
136	23,906	70	7,985	257,310	22,665	6,439	222,306	5,900	1,698,720	1,627,535	71,185	2,765,876	243
18	3,208	4	407	11,809	4,453	1,228	5,928	200	182,221	179,180	3,041	279,283	244
16	5,373	6	758	22,573	6,945	2,838	9,015	3,775	593,060	576,421	16,639	1,202,797	245
9,074	2,216,588	496	93,625	11,565,697	1,040,108	515,999	7,844,372	2,165,218	71,597,595	68,738,696	2,858,899	139,849,806	246
218	38,849	50	6,000	15,832	1,181	1,146	6,355	7,150	267,301	262,498	4,803	464,412	247
4	1,100	----------	----------	4,984	1,590	999	2,395	----------	157,009	154,114	2,895	301,156	248
245	51,608	97	17,307	370,141	30,379	49,552	286,660	3,550	4,247,057	4,194,957	52,100	6,939,473	249
1,423	513,455	189	37,499	222,973	13,957	69,487	121,529	18,000	2,913,952	2,822,526	91,426	5,446,763	250
23	5,190	16	2,226	15,747	5,186	1,906	8,655	----------	195,664	186,496	9,168	372,194	251
48	6,950	13	2,110	22,441	5,205	1,722	15,504	10	352,998	336,208	16,790	557,169	252
128	20,951	52	10,410	219,305	7,809	7,981	150,235	53,280	3,752,864	3,528,226	224,638	6,356,079	253
38	7,835	2	216	42,900	5,292	4,378	26,930	6,300	697,955	671,974	25,981	1,066,386	254
4,049	1,309,678	378	75,955	653,130	59,023	83,959	489,123	21,025	6,120,342	5,910,552	209,790	11,636,130	255
303	72,630	6	926	81,797	1,595	4,359	48,459	27,384	764,284	750,042	14,242	1,258,603	256
142	27,921	9	1,476	104,750	9,136	5,194	90,305	115	1,200,058	1,178,280	21,778	1,935,543	257
2	480	10	2,189	15,005	3,078	2,050	9,877	----------	576,819	547,309	29,510	812,278	258
57	18,427	17	2,915	202,039	39,952	11,172	86,091	64,824	798,527	776,215	22,312	1,840,642	259
729	135,410	272	35,479	160,051	13,661	4,726	78,943	62,721	2,837,765	2,724,630	113,135	4,729,477	260
569	112,032	541	49,459	330,626	20,376	23,854	234,146	52,250	2,474,628	2,385,712	88,916	4,243,030	261
108	22,906	38	4,169	43,985	7,567	3,806	30,389	2,223	775,165	761,923	13,242	1,221,168	262
43	11,297	6	700	30,112	4,657	3,343	21,744	368	486,937	478,277	8,660	743,007	263
1,591	365,921	442	48,219	409,280	17,735	42,306	348,779	460	3,530,786	3,448,653	82,133	6,031,699	264
59	10,889	9	1,217	194,312	9,653	11,821	167,563	5,275	1,595,644	1,677,749	17,895	2,933,662	265
74	17,051	32	3,365	35,912	5,591	4,752	24,539	1,030	382,498	360,683	21,815	753,539	266
2,269	580,440	269	47,265	4,014,022	248,685	172,783	3,356,749	235,805	20,194,532	19,269,281	925,251	39,666,848	267
321	109,119	4	570	412,129	48,001	19,245	260,289	84,594	2,563,967	2,500,528	63,439	5,357,408	268
488	101,668	370	43,085	61,304	3,903	9,779	47,622	----------	1,162,109	1,069,413	92,696	1,981,411	269
12	2,246	1	96	8,081	3,079	853	4,149	----------	153,610	149,420	4,190	254,570	270
109	21,916	----------	----------	36,192	6,254	2,918	27,020	----------	540,056	530,737	9,319	1,008,423	271
43	10,782	19	2,886	153,537	6,673	10,288	136,576	----------	1,485,962	1,451,261	34,701	2,598,420	272
65	14,222	20	3,802	50,344	12,616	2,159	28,909	6,660	1,449,338	1,418,301	31,037	2,380,137	273
359	113,724	67	9,774	219,482	49,846	7,248	162,001	387	2,303,063	2,200,637	102,426	4,454,230	274
77	23,036	25	7,500	35,336	2,165	341	26,000	6,830	305,093	286,834	18,259	731,840	275
126	17,280	15	1,504	27,875	2,092	2,879	22,869	35	383,877	378,355	5,522	759,542	276
30	6,752	4	234	3,225	1,332	412	1,481	----------	40,047	39,296	751	81,722	277
256	61,923	21	19,190	109,733	22,211	7,472	72,400	7,650	1,429,473	1,351,115	78,358	3,061,172	278
7	1,405	6	600	5,541	1,747	453	3,341	----------	73,157	70,021	3,136	165,589	279
56	12,926	5	1,114	65,053	7,543	3,928	48,082	5,500	493,058	481,785	11,273	1,061,464	280
40	11,701	15	2,108	54,812	17,035	4,894	29,383	3,500	1,362,281	1,318,111	44,170	2,147,116	281
221	59,902	3	592	128,044	12,121	5,852	108,291	1,780	1,973,877	1,938,055	35,822	3,456,262	282
409	87,266	5	544	66,647	3,009	5,642	56,996	1,000	778,215	766,465	11,750	1,438,912	283
121	27,865	24	3,770	160,871	26,780	8,129	125,962	----------	1,224,814	1,188,049	36,765	2,596,830	284
453	125,636	135	21,290	52,115	1,790	7,527	42,798	----------	947,899	926,885	21,014	1,645,699	285
760	151,834	146	21,844	835,445	53,504	39,300	642,156	100,485	3,107,926	2,989,782	118,144	6,803,032	286
62	13,130	13	1,854	40,128	1,555	1,260	32,313	5,000	233,367	219,909	13,458	559,854	287
53	15,940	3	1,125	440,164	2,054	11,596	398,463	28,051	691,408	627,528	63,880	1,603,464	288
5	850	3	535	7,554	3,469	723	2,820	542	168,183	164,618	3,565	294,772	289
48	7,761	----------	----------	29,743	10,015	5,456	12,412	1,860	344,910	336,720	8,190	688,739	290
44	15,574	4	688	64,471	28,879	4,209	20,403	10,980	714,016	703,012	11,004	1,417,846	291
42	10,634	2	300	43,765	9,277	3,089	31,399	----------	343,241	334,706	8,535	735,536	292
13	3,975	2	290	59,071	4,940	6,830	45,701	1,600	635,330	621,059	14,271	1,102,064	293
153	33,687	39	6,032	218,955	21,222	17,481	175,747	4,505	2,006,710	1,954,747	51,963	3,526,422	294
585	147,594	105	21,668	53,425	1,224	11,600	40,601	----------	656,578	630,373	26,205	1,969,553	295
10	2,117	----------	----------	9,080	3,105	1,575	4,250	150	118,191	109,916	8,275	224,709	296
14	2,773	1	65	58,794	940	3,613	54,241	----------	921,147	891,947	29,200	1,462,767	297
618	157,169	191	29,166	665,954	98,388	38,631	451,747	77,188	6,270,870	6,137,509	133,361	11,480,499	298
224	35,828	226	18,973	28,239	1,998	6,203	18,338	1,700	981,967	969,020	12,947	1,365,159	299
414	123,092	11	2,400	143,454	4,870	16,890	121,594	100	726,946	685,780	41,166	1,619,191	300
1,276	379,332	16	2,191	406,556	52,817	16,760	329,792	7,187	3,542,000	3,423,153	118,847	7,213,555	301
86	16,897	1	150	38,204	5,019	1,876	30,884	425	246,940	241,449	5,491	490,007	302
197	68,971	17	3,720	89,659	7,008	6,686	56,367	19,598	1,756,846	1,723,719	33,127	2,654,936	303
162	37,946	23	2,440	97,207	24,635	8,341	51,635	12,596	1,433,006	1,400,913	32,093	2,616,515	304
209	35,808	237	20,554	227,030	8,715	7,932	208,983	1,400	2,759,707	2,489,451	270,256	4,317,776	305
1,585	253,268	953	103,483	678,040	54,691	46,345	566,684	10,320	5,187,771	5,142,501	45,270	8,103,484	306
293	93,237	164	33,315	78,366	5,043	3,290	64,490	5,543	570,333	559,043	11,290	1,152,278	307
859	212,665	159	22,983	855,397	76,598	44,681	650,735	83,383	6,854,677	6,665,896	188,781	11,573,670	308
86	15,454	3	537	6,903	1,131	732	5,040	----------	125,112	119,144	5,968	314,610	309
3,143	875,781	150	24,508	*,295,885	215,072	141,852	2,650,595	288,366	16,800,911	16,487,140	313,771	35,697,695	310
2	320	4	480	20,272	819	2,144	17,309	----------	952,783	624,983	327,800	1,332,591	311
4	880	----------	----------	13,947	3,934	2,635	7,378	----------	430,941	427,076	3,865	573,516	312
4	1,530	5	328	7,574	952	1,452	5,070	100	108,799	106,049	2,750	237,265	313
340	65,689	17	2,339	219,718	45,502	17,863	155,879	469	3,690,802	3,622,049	68,753	5,896,492	314
44	6,392	5	558	32,386	5,985	2,637	19,364	4,400	320,002	311,577	8,425	656,430	315
29	6,199	1	60	23,762	6,236	1,936	14,560	1,030	221,213	215,651	5,562	443,345	316

TABLE 3.—SUMMARY FOR 1,341 CITIES,

	Cities, towns, and villages.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Total. Wages.	Men, 16 years and over. Average number.	Men, 16 years and over. Wages.
317	Dedham, Mass	96	$777,098	$112,125	$108,952	$163,394	$392,627	96	15	$12,431	678	$305,824	516	$258,942
318	Defiance, Ohio	100	1,141,426	66,450	160,338	216,065	698,573	115	51	50,116	936	356,951	816	334,316
319	Dekalb, Ill	83	2,008,462	80,904	245,914	564,975	1,116,669	95	59	52,692	1,064	491,094	957	462,932
320	Delaware, Ohio	69	566,596	38,700	74,475	216,995	236,426	82	48	36,643	655	248,446	505	216,161
321	Delphi, Ind	54	234,026	16,400	38,775	111,810	67,041	65	8	3,589	183	76,889	157	72,021
322	Delphos, Ohio	59	369,524	40,125	55,883	110,601	162,915	72	10	6,801	286	119,202	265	115,327
323	Denison, Tex	87	1,212,851	82,533	295,765	654,779	179,774	90	61	43,054	779	402,070	725	392,129
324	Dennison, Ohio	33	378,143	9,926	97,710	154,287	116,220	34	57	43,641	892	524,693	878	521,628
325	Denver, Colo	1,474	30,883,046	2,898,293	7,924,109	10,668,624	9,392,020	1,461	1,139	1,243,703	10,926	6,824,003	9,561	6,330,903
326	Depere, Wis	48	854,321	194,945	164,304	201,078	293,994	53	15	19,110	360	115,730	209	88,086
327	Derby, Conn	84	4,328,442	195,800	522,482	1,222,401	2,387,759	79	72	112,427	2,311	1,116,078	1,696	955,353
328	Derby, Vt	19	215,924	7,250	37,350	62,750	108,574	17	10	9,490	184	71,200	181	70,600
329	Derry, N. H	26	344,504	18,150	39,250	54,437	232,667	29	11	11,250	887	359,089	580	256,372
330	Des Moines, Iowa	494	7,911,764	568,677	887,160	2,348,422	4,107,505	515	730	596,750	4,557	1,942,509	3,640	1,727,094
331	Detroit, Mich	2,847	71,751,193	5,736,363	8,399,579	21,571,058	36,044,193	3,123	5,448	5,042,299	45,707	18,718,081	33,943	16,177,088
332	Dixon, Ill	111	4,801,007	161,300	673,208	831,307	3,135,192	129	143	178,574	2,778	1,426,275	2,021	1,062,206
333	Dover, N. H	184	6,784,230	464,770	1,076,639	1,376,908	3,865,913	197	109	142,989	3,289	1,450,278	2,167	1,075,001
334	Dover, N. J	56	951,695	98,825	224,956	292,920	334,994	56	61	45,389	1,367	657,548	1,177	621,693
335	Dowagiac, Mich	71	1,215,933	29,550	54,690	77,594	1,054,099	81	73	55,316	667	333,495	639	326,741
336	Dubois, Pa	56	1,513,316	80,142	274,689	232,354	926,131	74	40	36,354	893	355,925	846	345,917
337	Dubuque, Iowa	460	8,117,358	855,053	1,262,088	1,231,064	4,769,153	526	579	455,306	5,503	2,012,153	4,242	1,785,760
338	Dudley, Mass	18	1,978,291	307,151	301,850	261,423	1,107,867	14	30	45,690	1,195	437,177	675	286,366
339	Duluth, Minn	433	8,872,940	2,728,821	618,712	1,615,678	3,909,729	478	245	245,448	3,998	2,145,444	3,682	2,063,098
340	Dunkirk, N. Y	86	4,226,495	118,581	583,905	1,033,976	2,490,033	89	122	121,655	2,615	1,374,017	2,449	1,338,683
341	Dunmore, Pa	53	1,336,477	118,869	260,561	341,362	615,685	51	66	60,458	893	354,922	711	322,350
342	Duquesne, Pa	19	14,358,059	1,421,000	635,494	5,775,411	6,526,154	24	77	88,877	1,497	1,075,152	1,493	1,074,348
343	Duquoin, Ill	48	279,945	15,400	53,850	112,445	98,250	50	21	13,750	104	44,177	91	41,795
344	Durham, N. C	82	1,727,205	112,377	211,598	644,165	759,065	87	151	253,619	2,787	535,289	1,184	314,092
345	Dyersburg, Tenn	36	532,375	151,500	42,250	134,415	204,210	38	23	15,600	233	83,364	225	81,429
346	East Chicago, Ind	17	2,768,122	246,339	414,648	1,241,035	866,100	9	63	85,405	1,448	627,855	1,441	626,805
347	East Greenwich, R. I	46	443,701	48,584	138,900	124,582	131,635	51	20	22,159	355	140,346	253	112,097
348	East Haddam, Conn	27	390,850	11,750	42,200	109,750	227,150	27	6	3,400	337	104,754	179	63,619
349	East Hampton, Mass	63	2,300,366	93,100	383,534	655,542	1,168,190	62	45	93,021	1,714	658,933	914	408,260
350	East Hartford, Conn	56	866,125	95,120	269,592	315,165	186,248	57	21	32,353	439	212,424	359	190,471
351	East Liverpool, Ohio	162	5,056,198	600,133	1,279,063	865,271	2,311,731	173	294	292,185	4,473	2,150,938	3,323	1,835,091
352	East Mauch Chunk, Pa	21	301,135	9,100	102,656	133,994	55,385	19	3	3,016	383	76,257	177	45,514
353	Easton, Mass	46	1,244,991	48,550	372,219	95,262	728,960	50	28	30,042	706	310,994	588	280,280
354	Easton, Pa	285	4,829,879	375,530	1,108,706	1,362,023	1,983,620	323	180	130,082	3,912	1,516,525	2,684	1,266,156
355	East Orange, N. J	167	2,311,585	151,909	328,536	478,406	1,352,734	191	161	197,660	1,354	724,495	1,166	669,299
356	Eastport, Me	62	3,037,366	75,954	255,855	621,367	2,084,190	65	69	61,838	2,213	479,805	1,218	354,732
357	East Providence, R. I	48	2,261,080	138,467	280,342	413,472	1,428,799	55	48	52,930	901	366,729	661	304,903
358	East St. Louis, Ill	183	10,466,412	1,251,801	1,888,783	2,809,593	4,516,235	180	274	290,088	5,642	2,624,749	5,293	2,543,900
359	East Tawas, Mich	23	193,176	28,325	24,450	34,270	106,131	24	10	3,800	71	25,636	58	23,152
360	East Windsor, Conn	26	751,474	18,375	182,422	149,256	401,421	24	12	18,829	361	158,775	249	129,744
361	Eaton Rapids, Mich	40	124,037	8,325	26,028	42,120	47,564	44	4	2,379	90	30,232	61	23,925
362	Eau Claire, Wis	148	4,756,338	895,041	368,534	877,305	2,615,458	157	127	137,915	1,858	726,565	1,659	687,647
363	Edinburg, Ind	26	160,503	13,300	25,000	19,345	102,858	32	2	1,500	117	41,920	109	40,445
364	Edwardsville, Ill	59	187,414	22,540	31,259	50,040	83,575	62	8	7,500	147	70,610	141	69,588
365	Elgin, Ill	209	8,603,283	729,618	1,173,287	3,059,098	3,641,280	238	158	191,584	4,764	2,249,009	2,860	1,560,159
366	Elizabeth, N. J	419	15,665,545	1,561,044	2,835,401	3,520,742	7,748,358	444	564	731,152	10,497	6,024,497	9,580	5,776,698
367	Elkhart, Ind	142	2,901,541	166,350	547,236	828,307	1,359,648	147	222	167,604	2,324	1,097,741	2,037	1,014,789
368	Ellenville, N. Y	59	353,768	14,875	64,733	105,209	168,951	77	5	3,856	248	88,338	181	77,896
369	Ellsworth, Me	82	696,999	157,375	50,430	129,990	359,204	92	24	14,412	452	185,292	374	159,041
370	Elmira, N. Y	362	7,365,534	534,504	953,706	1,776,104	4,101,220	392	315	276,897	4,914	1,965,056	3,504	1,683,952
371	Elmwood Place, Ohio	23	770,096	32,800	104,660	138,348	494,288	26	24	33,500	301	153,168	298	152,576
372	El Paso, Tex	136	4,550,604	245,366	1,827,431	1,853,863	1,123,944	140	86	118,450	2,171	1,036,517	2,107	1,018,937
373	Elwood, Ind	135	4,513,128	204,762	788,808	1,831,880	1,687,678	146	107	114,330	2,958	1,781,752	2,574	1,686,133
374	Elyria, Ohio	76	1,778,819	81,290	262,573	468,255	966,701	69	94	89,379	968	391,841	805	863,025
375	Emporia, Kans	77	232,606	13,350	39,750	131,489	48,017	89	5	3,300	224	101,720	187	92,969
376	Enfield, Conn	40	4,022,477	71,210	381,575	1,273,771	2,295,921	41	63	107,556	1,459	579,853	919	440,120
377	Ephrata, Pa	66	370,198	10,603	52,703	64,027	242,865	74	18	7,876	501	130,323	219	75,008
378	Erie, Pa	644	20,418,016	1,361,284	3,483,998	5,543,480	10,029,254	718	679	702,343	9,339	4,574,625	8,389	4,343,584
379	Etna, Pa	37	3,701,581	832,400	1,274,644	503,317	1,091,220	37	34	50,190	1,709	865,992	1,651	851,507
380	Evanston, Ill	126	1,564,305	161,750	189,050	727,887	485,618	150	44	35,187	775	430,529	718	411,476
381	Evansville, Ind	705	10,059,375	1,271,993	1,913,592	2,841,612	4,032,178	766	601	621,332	7,279	2,883,975	5,489	2,488,152
382	Everett, Mass	168	6,107,735	610,812	449,516	3,245,069	1,802,338	161	138	153,963	2,141	1,068,987	1,987	1,016,269
383	Everett, Wash	84	1,681,549	114,450	330,051	458,040	779,008	83	74	72,254	900	509,009	867	500,156
384	Exeter, N. H	104	1,507,485	99,146	222,527	404,631	781,181	106	43	39,265	1,290	582,756	889	425,120
385	Fairfield, Conn	42	221,548	14,290	34,265	46,875	126,118	47	7	13,200	130	71,727	120	70,111
386	Fairfield, Me	32	788,971	104,050	74,100	354,575	256,246	32	19	16,464	414	134,660	384	125,916
387	Fairhaven, Mass	47	329,491	34,690	46,450	110,279	138,072	49	13	7,331	313	170,096	284	159,131
388	Fair Haven, Vt	62	381,736	86,038	72,756	102,238	120,704	77	12	7,805	346	137,056	303	128,097
389	Fairhaven, Wash	30	1,163,291	22,100	118,665	148,696	873,830	30	18	19,547	1,026	287,493	941	269,873
390	Fairmount, Ind	37	272,528	18,565	120,207	44,020	89,736	44	11	11,966	649	343,572	489	326,990
391	Fairport, N. Y	33	352,871	25,825	63,500	79,225	184,321	31	36	30,849	212	76,064	133	56,386
392	Fall River, Mass	785	58,549,934	3,549,360	11,351,847	24,004,987	19,643,740	822	615	918,442	32,780	11,739,129	17,686	7,227,218
393	Fargo, N. Dak	93	1,092,026	63,700	182,450	312,574	533,302	98	45	40,122	705	383,500	644	366,754
394	Faribault, Minn	102	880,867	81,100	167,564	270,524	361,679	123	65	56,090	482	222,234	434	213,953
395	Farmington, Conn	38	554,437	53,550	110,200	158,990	231,697	39	26	30,866	553	226,135	405	188,300
396	Farmington, N. H	57	393,509	11,440	60,625	97,828	223,616	64	12	7,401	505	189,281	311	134,727

TOWNS, AND VILLAGES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.				MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Princial materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.										
151	$44,825	11	$2,057	$43,846	$6,363	$9,991	$27,008	$484	$687,550	$655,172	$32,378	$1,260,125	317
116	22,175	4	460	87,931	11,837	10,994	64,950	150	814,712	798,961	15,751	1,609,834	318
79	21,252	28	6,910	164,038	7,906	6,858	147,047	2,227	2,579,378	2,505,748	73,630	3,858,416	319
148	32,105	2	180	57,188	10,349	4,191	42,648	----------	351,467	341,973	9,494	846,645	320
23	4,409	8	459	12,856	4,463	1,396	6,997	----------	164,116	153,438	10,678	326,876	321
19	3,725	1	150	37,197	2,982	3,709	30,006	500	225,928	209,135	16,793	519,730	322
44	9,191	10	750	49,287	11,859	5,665	31,763	----------	468,848	442,965	25,883	1,017,613	323
14	3,065	----------	----------	73,480	1,486	5,099	66,545	350	584,396	567,565	16,831	1,295,334	324
1,275	474,249	90	18,851	2,409,785	435,196	142,420	1,527,371	304,798	24,572,199	23,806,530	765,669	41,868,698	325
145	27,194	6	450	35,489	1,588	4,823	25,390	3,688	689,331	664,747	24,584	980,800	326
580	153,190	35	7,535	302,878	14,412	13,142	260,224	15,100	1,304,256	1,266,919	37,337	3,456,561	327
----------	----------	3	600	7,101	1,328	1,139	4,634	----------	351,220	350,196	1,024	531,462	328
307	102,717	----------	----------	26,892	1,665	1,001	24,026	200	1,268,872	1,259,377	9,495	1,745,489	329
817	198,522	100	16,893	894,691	133,185	42,041	612,354	107,111	4,975,568	4,805,477	170,091	10,488,189	330
10,469	2,366,758	1,295	174,235	10,844,958	812,665	431,403	8,785,906	814,984	52,349,347	51,344,784	1,004,563	100,892,838	331
700	354,678	57	9,391	262,491	13,396	7,459	198,250	43,386	3,447,640	3,411,917	35,723	5,624,709	332
1,106	371,458	16	3,819	374,052	27,141	49,739	282,987	14,185	3,624,068	3,502,636	121,432	6,311,158	333
150	30,360	40	5,495	44,383	11,757	4,893	27,563	170	710,248	680,535	29,713	1,804,850	334
26	6,430	2	324	103,828	4,506	4,638	94,684	----------	601,115	589,069	12,046	1,389,216	335
35	7,358	12	2,650	89,756	6,709	6,304	76,743	----------	1,229,312	1,216,279	13,033	1,926,391	336
1,150	208,829	111	17,564	1,028,245	86,627	53,043	775,227	113,348	5,930,017	5,836,084	93,933	10,952,204	337
436	137,687	84	13,124	108,027	1,716	12,224	94,087	----------	1,018,132	992,322	25,810	1,661,978	338
275	71,426	41	10,920	572,266	112,221	41,543	353,882	64,620	5,861,499	5,792,369	69,130	10,628,957	339
108	24,834	58	10,500	324,324	7,282	13,646	300,311	3,085	3,084,197	2,996,239	87,958	5,393,053	340
138	25,918	44	6,654	180,467	11,532	3,647	141,788	23,500	662,486	649,592	12,894	1,472,675	341
----------	----------	4	804	435,881	1,678	34,637	399,566	----------	14,611,842	13,167,490	1,444,352	20,365,667	342
9	1,732	4	650	36,902	3,538	1,293	7,071	25,000	198,124	195,497	2,627	359,058	343
1,265	190,367	338	30,830	2,367,522	9,396	13,835	2,344,291	----------	2,502,449	2,466,518	35,931	7,084,540	344
4	1,260	4	675	27,198	2,788	2,791	21,619	----------	397,782	390,823	6,959	638,926	345
----------	----------	7	1,050	92,211	1,395	5,547	85,269	----------	1,723,381	1,608,521	114,860	3,055,689	346
90	26,178	12	2,071	23,864	3,099	1,835	18,930	----------	312,869	288,101	24,768	663,416	347
153	40,321	5	814	73,616	879	2,203	56,795	13,739	209,940	206,678	3,262	482,649	348
776	245,388	24	5,285	113,403	4,978	23,001	83,392	2,032	1,452,605	1,433,527	19,078	2,669,753	349
79	21,901	1	52	82,460	2,099	3,720	58,484	18,157	475,047	446,487	28,560	923,769	350
1,107	306,872	43	8,975	341,135	19,784	17,376	192,443	111,532	1,759,408	1,534,104	225,304	5,459,043	351
167	26,370	39	4,373	66,965	1,088	597	22,644	42,636	478,844	473,936	4,908	685,394	352
89	25,902	29	4,812	23,910	3,349	5,822	9,701	5,038	803,925	781,893	22,032	1,523,467	353
945	199,747	283	50,622	485,029	33,398	12,102	183,383	256,146	3,794,496	3,725,688	68,808	6,746,078	354
187	55,146	1	50	350,162	28,939	9,358	300,011	11,854	1,583,435	1,566,278	17,157	3,463,141	355
697	92,571	298	32,502	48,714	5,857	5,201	37,481	175	1,020,605	992,192	28,413	1,905,808	356
240	61,826	----------	----------	265,293	6,737	3,216	252,790	2,550	4,341,767	4,315,199	26,568	5,487,101	357
111	36,041	238	44,808	609,809	24,008	29,904	499,004	56,893	28,300,150	28,047,840	252,310	33,559,611	358
11	2,385	2	99	14,758	794	1,873	11,408	683	61,713	59,848	1,865	170,310	359
94	26,414	18	2,617	224,571	495	3,877	218,824	1,375	541,571	520,637	20,934	1,016,216	360
29	6,307	----------	----------	8,418	3,267	777	4,374	----------	156,541	154,293	2,248	246,919	361
155	32,705	44	6,213	298,327	17,566	59,185	206,587	14,989	2,491,102	2,461,135	29,967	4,366,230	362
6	1,325	2	150	6,404	1,128	1,232	3,994	50	66,648	64,900	1,748	160,720	363
6	1,022	----------	----------	12,005	5,289	1,179	5,537	----------	285,305	280,710	4,595	457,466	364
1,787	674,420	117	14,430	450,773	44,911	34,846	352,516	18,500	2,953,582	2,876,731	76,851	7,161,637	365
856	234,398	61	13,401	1,351,411	78,031	68,911	986,875	217,594	9,882,821	9,664,107	218,714	20,546,468	366
278	81,509	9	1,443	468,438	28,755	13,979	420,056	5,648	2,065,031	2,005,014	60,017	4,283,746	367
52	9,067	15	1,375	27,767	3,105	1,461	23,201	----------	211,167	205,911	5,256	413,078	368
78	26,251	----------	----------	24,941	4,275	3,670	16,246	750	482,746	475,571	7,175	808,858	369
1,243	257,863	167	23,241	486,960	59,226	22,519	397,118	8,097	4,961,635	4,836,140	125,495	8,558,786	370
1	200	2	392	8,227	1,045	2,151	5,031	----------	441,813	440,146	1,667	743,536	371
54	16,096	10	1,484	523,095	29,738	10,094	483,263	----------	6,371,489	6,010,486	361,003	8,846,045	372
176	44,582	208	51,037	175,187	12,009	23,886	134,792	4,500	6,999,786	6,862,209	137,577	9,929,311	373
144	27,272	19	1,544	137,958	9,282	8,604	109,572	10,500	999,280	981,253	18,027	1,760,500	374
31	8,290	6	461	29,361	9,608	2,048	11,205	6,500	234,994	230,725	4,269	474,519	375
486	131,876	54	7,857	100,058	3,194	15,609	80,055	1,200	1,139,636	1,096,518	43,118	2,090,609	376
232	49,488	50	5,827	65,227	2,886	759	51,380	10,202	308,958	300,016	8,942	634,359	377
699	183,811	251	47,230	1,197,411	106,948	64,153	916,462	109,848	9,107,305	8,796,402	310,903	19,053,202	378
8	3,015	50	11,470	64,848	1,263	12,635	50,780	170	2,515,585	2,007,678	507,907	5,655,269	379
49	17,819	8	1,234	91,894	34,580	5,517	47,927	3,870	750,894	707,702	43,192	1,831,501	380
1,652	375,627	138	20,196	988,542	99,453	90,633	726,299	72,157	7,504,660	7,377,122	127,538	14,193,320	381
151	52,170	3	548	702,785	22,883	45,575	580,780	53,547	2,725,197	2,617,068	108,129	5,038,120	382
19	4,825	14	4,028	168,022	9,791	7,000	150,946	285	1,820,523	1,777,113	43,410	2,803,382	383
383	153,694	18	3,942	80,757	8,866	7,919	61,251	2,721	1,539,743	1,518,499	21,244	2,537,896	384
10	1,616	----------	----------	49,276	1,436	702	37,138	10,000	319,911	316,389	3,522	538,225	385
29	8,594	1	150	14,840	2,279	2,247	10,314	----------	330,415	312,364	18,051	552,083	386
28	10,861	1	104	22,757	1,793	3,094	17,870	----------	126,508	118,101	8,407	408,099	387
41	8,500	2	459	13,391	2,778	1,628	6,830	2,155	213,330	204,439	8,891	483,858	388
58	12,450	27	5,170	161,803	2,797	4,005	155,001	----------	1,044,609	1,035,950	8,659	1,699,015	389
54	10,713	106	5,869	18,517	1,674	2,520	14,323	----------	316,112	309,108	7,004	833,517	390
79	19,678	----------	----------	14,599	1,882	1,463	11,254	----------	205,328	198,517	6,811	434,683	391
13,374	4,195,926	1,720	315,985	3,249,083	138,477	641,207	2,201,332	268,067	19,789,859	18,934,478	855,381	43,071,530	392
53	15,301	8	1,445	76,352	22,683	5,653	45,044	2,972	1,272,753	1,252,443	20,310	2,137,802	393
43	7,881	5	400	47,852	9,962	5,648	30,002	2,240	2,014,715	1,986,000	28,715	2,687,312	394
147	37,535	1	300	54,409	2,149	3,345	44,915	4,000	352,143	322,567	29,576	802,867	395
194	54,554	----------	----------	14,918	3,252	1,533	9,371	762	442,365	438,281	4,084	736,819	396

TABLE 3.—SUMMARY FOR 1,341 CITIES,

	Cities, towns, and villages.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Total. Wages.	Men, 16 years and over. Average number.	Men, 16 years and over. Wages.
397	Fayetteville, N. C	46	$446,970	$33,620	$67,943	$203,928	$141,479	39	33	$17,684	461	$81,424	263	$59,296
398	Fergus Falls, Minn	91	429,254	26,775	78,325	119,410	204,714	108	19	19,688	264	114,367	230	104,411
399	Findlay, Ohio	252	2,152,202	109,687	485,604	580,657	976,254	309	131	99,824	1,478	633,505	1,269	592,034
400	Fishkill Landing, N. Y.[1]	38	721,829	77,050	104,575	212,100	328,104	41	20	20,565	436	215,324	331	187,975
401	Fitchburg, Mass	308	13,033,898	1,181,833	1,683,684	2,822,108	7,346,273	336	322	376,675	6,796	3,113,078	4,794	2,512,222
402	Flint, Mich	154	2,605,428	134,046	211,460	375,822	1,884,100	174	93	74,220	2,186	895,186	1,918	826,621
403	Florence, Ala	33	871,373	60,200	219,326	178,309	413,538	30	52	39,937	595	177,813	557	173,177
404	Fond du Lac, Wis	188	2,745,438	299,395	439,302	479,354	1,527,387	189	123	120,886	1,834	677,977	1,410	605,156
405	Fort Atkinson, Wis	67	663,698	110,800	132,034	100,355	320,509	73	49	45,967	392	146,511	358	138,751
406	Fort Dodge, Iowa	88	903,834	81,389	171,875	303,774	346,796	88	89	62,621	527	224,124	427	197,921
407	Fort Fairfield, Me	37	148,225	18,800	40,800	32,620	56,005	40	7	2,290	72	23,365	63	21,805
408	Fort Madison, Iowa	83	1,546,574	86,395	272,923	338,276	848,980	75	74	92,388	966	409,351	930	403,618
409	Fort Payne, Ala	17	85,405	1,195	11,010	19,190	54,010	21	6	4,600	88	37,982	84	37,402
410	Fort Plain, N. Y	44	457,257	36,678	75,215	181,265	164,099	42	14	10,570	321	105,825	166	68,155
411	Fort Scott, Kans	97	675,097	71,798	93,770	285,161	224,368	104	32	29,496	535	255,803	470	239,994
412	Fort Smith, Ark	194	1,131,924	121,582	237,360	402,452	370,530	206	74	72,894	1,012	394,363	861	347,856
413	Fort Wayne, Ind	397	9,203,613	832,008	1,219,292	2,221,238	4,931,075	402	653	631,513	7,255	2,928,969	5,260	2,578,217
414	Fort Worth, Tex	209	2,668,045	205,014	509,469	805,858	1,147,704	234	131	145,904	1,449	845,477	1,349	817,555
415	Fostoria, Ohio	92	1,532,627	74,212	352,171	532,691	573,553	97	72	56,918	795	278,529	530	219,794
416	Foxboro, Mass	45	308,048	6,402	37,633	83,112	180,901	49	18	20,008	491	221,858	229	125,342
417	Framingham, Mass	144	3,092,662	259,640	538,891	601,661	1,692,470	159	83	75,551	2,475	1,018,339	1,349	693,398
418	Frankfort, Ind	86	544,645	49,485	105,490	154,468	235,202	97	67	43,268	672	292,349	614	280,173
419	Frankfort, Ky	66	1,594,791	114,115	194,225	354,294	932,157	75	89	83,888	367	161,474	333	154,614
420	Franklin, Ind	67	236,700	26,400	42,682	75,658	91,960	76	15	9,328	129	56,188	113	52,771
421	Franklin, Mass	51	1,823,556	101,500	249,672	382,195	1,090,189	49	42	48,208	888	397,846	595	303,668
422	Franklin, N. H	92	1,975,868	191,350	412,784	474,742	896,992	101	32	45,294	1,291	493,773	779	349,767
423	Franklin, Ohio	39	448,290	93,160	98,650	129,855	126,625	39	20	19,530	296	119,118	192	93,821
424	Franklin, Pa	120	4,523,916	186,600	276,601	354,463	3,706,252	156	156	271,365	758	354,318	685	338,455
425	Frederick, Md	133	1,217,702	101,135	248,203	294,004	574,360	149	77	51,968	1,131	252,383	654	206,988
426	Fredericksburg, Va	62	759,614	45,050	164,772	204,754	345,038	70	43	32,209	552	147,726	383	123,662
427	Fredonia, N. Y	41	514,975	26,100	45,100	49,622	394,153	50	45	41,668	210	68,363	91	42,095
428	Freeport, Ill	167	2,262,630	165,450	391,090	427,511	1,278,579	214	154	128,835	1,679	748,493	1,570	720,341
429	Fremont, Nebr	86	1,096,351	89,397	171,095	242,037	593,822	98	45	30,338	420	203,715	366	189,789
430	Fremont, Ohio	156	2,616,545	140,992	436,894	600,390	1,438,269	185	165	188,641	1,504	599,286	1,036	490,358
431	Fresno, Cal	159	1,648,138	126,946	272,747	394,033	854,412	192	104	101,021	1,009	513,064	687	424,578
432	Fulton, N. Y	68	1,910,181	188,107	431,078	661,843	629,153	74	58	57,814	730	301,017	671	288,535
433	Gadsden, Ala	35	1,184,805	155,575	395,260	222,586	411,384	47	25	25,078	520	165,475	503	162,008
434	Gainesville, Ga	37	282,712	24,400	36,300	103,645	118,367	48	19	14,350	500	126,097	392	112,082
435	Gainesville, Tex	76	733,711	60,636	192,099	284,985	195,991	77	33	31,960	338	146,758	312	140,209
436	Galena, Ill	91	390,171	22,565	74,948	95,601	197,057	112	41	28,874	276	89,751	217	80,064
437	Galena, Kans	61	174,028	16,375	29,125	48,955	79,573	86	6	4,963	182	92,834	161	88,220
438	Galesburg, Ill	177	1,499,216	179,685	309,775	505,293	504,463	214	123	100,326	1,478	719,605	1,386	695,850
439	Galion, Ohio	65	916,488	73,200	224,161	203,624	415,503	59	55	35,401	891	367,410	858	359,858
440	Gallipolis, Ohio	89	491,907	47,050	74,150	124,560	246,147	91	35	24,602	458	159,479	415	152,403
441	Galveston, Tex	295	6,073,845	983,243	1,287,357	2,016,847	1,786,398	315	153	183,996	2,058	981,827	1,593	881,024
442	Gardiner, Me	79	1,709,577	314,950	269,200	374,182	751,245	85	56	56,696	1,093	495,139	891	449,019
443	Gardner, Mass	118	6,073,152	204,255	725,197	662,677	4,481,023	128	120	130,892	3,083	1,299,492	2,686	1,177,979
444	Garrett, Ind	28	229,083	9,210	89,450	62,183	68,240	32	32	22,712	354	184,066	343	181,280
445	Gas City, Ind	36	1,606,938	64,582	270,245	431,804	840,307	29	68	72,578	1,427	840,747	1,205	797,537
446	Geneva, N. Y	161	2,617,661	155,192	319,361	571,820	1,571,288	169	138	155,489	1,586	689,101	1,258	634,390
447	Girard, Kans	37	123,340	8,140	26,150	42,334	46,716	47	6	2,572	218	87,445	191	82,345
448	Glastonbury, Conn	42	1,388,950	53,080	255,574	411,762	668,534	41	49	53,934	662	302,944	483	241,968
449	Glens Falls, N. Y	162	4,474,907	729,693	802,222	1,092,836	1,850,156	203	169	139,914	3,280	1,033,416	1,683	687,456
450	Gloucester, Mass	392	4,687,559	434,532	585,650	917,112	2,750,265	469	235	199,436	3,379	1,428,896	2,750	1,270,917
451	Gloucester City, N. J	74	3,038,922	123,350	187,840	622,531	2,105,201	75	72	218,294	1,555	535,923	637	314,680
452	Gloversville, N. Y	312	5,740,327	200,306	457,439	600,911	4,481,671	403	247	239,755	8,111	2,536,853	3,565	1,608,170
453	Goldsboro, N. C	46	620,932	42,300	93,850	218,080	266,702	44	39	33,462	507	123,899	407	110,354
454	Gorham, Me	26	73,508	7,303	24,742	18,716	22,747	31	1	414	34	12,538	31	11,823
455	Goshen, Ind	133	1,596,928	98,173	306,121	422,412	770,222	145	149	106,436	1,112	412,752	908	374,860
456	Grafton, Mass	49	1,938,007	106,875	395,850	642,027	793,255	50	42	56,398	1,256	466,729	672	283,102
457	Grand Forks, N. Dak	77	829,104	80,000	102,000	274,387	372,717	85	37	33,430	321	227,047	263	204,065
458	Grand Haven, Mich	56	576,910	43,350	104,082	152,854	276,624	64	23	15,324	533	194,473	466	181,261
459	Grand Island, Nebr	104	989,396	45,600	172,430	586,499	184,867	117	31	26,440	465	227,656	372	201,504
460	Grand Rapids, Mich	824	23,433,760	1,879,079	3,460,600	5,741,799	12,352,282	877	1,197	1,166,472	14,361	5,904,670	12,625	5,518,660
461	Grand Rapids, Wis	66	1,260,534	184,727	309,417	368,984	397,406	60	35	34,216	503	174,641	462	166,946
462	Great Barrington, Mass	94	1,436,391	72,280	212,978	390,836	760,297	96	37	49,567	1,010	415,547	742	344,510
463	Great Falls, Mont	74	1,409,694	75,588	382,756	458,039	493,311	74	66	88,443	624	469,513	580	458,057
464	Green Bay, Wis	191	3,383,717	595,965	472,493	661,155	1,654,104	227	117	112,069	1,719	702,829	1,466	659,265
465	Greencastle Ind	68	199,694	17,810	31,390	80,270	70,224	89	12	3,943	145	58,087	127	53,993
466	Greencastle Pa	26	48,526	3,670	7,630	8,665	28,561	29	1	100	61	19,476	39	15,473
467	Greenfield, Ind	59	402,936	30,750	90,850	113,856	167,480	63	53	25,454	383	195,512	299	176,335
468	Greenfield, Mass	141	1,725,880	69,600	180,805	329,643	1,145,832	147	99	95,080	1,223	551,550	997	487,492
469	Green Island, N. Y	46	2,472,997	71,223	257,390	413,174	1,731,210	50	65	84,224	933	470,980	788	421,353
470	Greensboro, N. C	79	1,711,629	154,316	480,968	531,611	544,734	72	87	65,143	1,587	295,820	1,061	225,517
471	Greensburg, Ind	76	353,430	30,430	64,550	76,911	181,539	99	29	21,984	324	123,982	278	112,834
472	Greenville, Mich	90	542,117	51,767	60,385	87,047	342,918	107	39	41,832	388	170,356	346	162,966
473	Greenville, N. H	15	728,004	24,225	162,305	184,575	356,899	13	5	7,609	477	167,501	322	123,799
474	Greenville, Ohio	97	349,412	18,400	28,020	105,932	197,060	119	16	8,438	330	109,192	222	86,210
475	Greenville, Pa	79	1,998,509	69,666	485,743	829,791	613,309	90	48	39,589	999	544,612	916	528,502
476	Greenville, S. C	64	2,858,388	85,732	503,089	1,125,311	1,144,256	65	55	63,418	2,153	370,392	1,178	248,832

[1] Given as Fishkill-on-Hudson in 1890.

TOWNS, AND VILLAGES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.				MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
158	$19,801	40	$2,327	$15,737	$1,997	$2,324	$9,689	$1,727	$316,680	$306,932	$9,748	$570,127	397
29	8,058	5	1,898	43,892	6,876	3,530	25,826	7,660	685,883	675,397	10,486	1,062,397	398
195	39,612	14	1,859	165,613	20,854	10,860	104,938	28,961	1,122,537	1,054,654	67,883	2,514,356	399
105	27,349	------	------	40,570	3,031	2,146	35,393	------	361,909	352,730	9,179	681,038	400
1,757	551,428	245	49,428	749,165	74,801	93,813	552,060	28,491	8,062,713	7,790,815	271,898	14,253,522	401
259	67,560	9	1,005	262,543	19,177	12,127	183,314	47,925	3,006,436	2,969,865	36,571	5,198,827	402
1	300	37	4,336	50,370	1,212	4,241	44,917	------	693,432	588,344	105,088	1,037,471	403
370	64,861	54	7,960	239,112	16,727	15,175	189,372	17,838	1,895,233	1,849,718	45,515	3,386,822	404
27	6,758	7	1,002	53,406	2,954	3,985	45,467	1,000	346,653	339,125	7,528	781,299	405
93	25,183	7	1,020	38,642	10,233	4,681	23,578	150	793,266	762,000	31,266	1,263,385	406
9	1,560	------	------	4,898	1,305	882	2,711	------	140,163	137,568	2,595	232,327	407
30	5,139	6	594	95,455	6,646	13,109	51,592	24,108	870,482	841,388	29,094	1,737,254	408
4	580	------	------	4,206	374	413	3,319	100	71,652	66,796	4,856	155,916	409
146	36,434	9	1,236	19,889	4,809	1,609	13,471	------	263,494	255,521	7,973	497,154	410
64	15,664	1	145	39,630	10,086	4,135	24,313	1,096	475,668	462,316	13,352	943,018	411
83	25,589	68	20,918	123,891	25,849	7,045	61,797	29,200	890,191	868,154	22,037	2,119,062	412
1,827	329,893	168	20,859	730,122	77,250	45,894	589,318	17,660	6,597,414	6,452,618	144,796	12,525,222	413
82	25,134	18	2,788	392,377	42,721	23,363	305,032	21,261	3,348,550	3,248,310	100,240	5,332,804	414
264	58,510	1	225	54,550	7,681	7,157	39,412	300	2,103,515	2,060,308	43,207	2,645,205	415
262	96,516	------	------	37,240	13,080	2,161	20,741	1,255	359,607	343,509	16,098	777,219	416
1,078	316,036	48	8,905	187,797	23,145	26,054	93,026	45,572	2,010,281	1,980,305	29,976	3,714,732	417
50	10,775	8	1,401	45,531	13,205	5,230	26,963	133	786,336	770,323	16,013	1,411,736	418
25	6,556	6	304	256,229	10,300	22,871	98,979	124,079	1,181,326	1,165,465	15,861	2,038,125	419
14	3,048	2	369	19,349	4,228	2,941	10,620	1,560	287,626	282,214	5,412	492,687	420
277	89,974	16	4,204	87,325	7,478	8,464	71,383	------	954,409	927,014	27,395	1,686,041	421
466	134,282	46	9,724	83,301	5,416	13,342	64,038	505	803,545	760,134	43,411	1,708,889	422
104	25,297	------	------	15,891	1,934	3,628	10,329	------	521,908	494,957	26,951	864,036	423
62	14,033	11	1,830	1,506,361	10,928	4,997	1,489,186	1,250	1,826,916	1,790,014	36,902	6,046,218	424
314	34,133	163	11,262	69,893	15,904	6,937	46,952	100	1,054,449	1,035,181	19,268	1,727,094	425
138	20,746	31	3,318	29,369	5,191	3,251	20,677	250	454,411	440,973	13,438	810,242	426
113	25,813	6	455	34,789	3,175	1,172	30,442	------	217,440	214,056	3,384	462,455	427
106	27,804	3	348	298,972	33,396	9,926	207,854	47,796	1,575,780	1,532,293	43,487	3,348,448	428
47	13,276	7	650	92,278	10,600	4,657	77,021	------	475,634	458,701	16,933	956,006	429
462	108,209	6	719	152,323	10,905	9,665	128,970	2,783	1,322,880	1,282,275	40,605	2,621,951	430
305	84,285	17	4,201	136,761	34,020	15,771	86,121	849	1,903,800	1,862,165	41,635	3,238,217	431
58	12,382	1	100	118,084	8,594	9,477	99,593	420	905,316	875,349	29,967	1,607,954	432
9	2,685	8	782	24,180	2,257	2,617	19,106	200	463,738	387,721	76,017	848,751	433
45	7,525	63	6,490	17,991	4,225	2,838	10,928	------	448,693	435,953	12,740	687,129	434
22	6,055	4	494	55,399	7,095	6,899	41,330	75	807,208	779,712	27,496	1,251,291	435
51	8,762	8	925	50,216	4,881	1,283	43,441	611	219,460	211,292	8,168	462,700	436
18	4,318	3	296	12,806	5,480	832	6,294	200	373,520	366,211	7,309	563,697	437
86	22,905	6	850	96,191	33,434	9,553	46,838	6,366	884,119	858,531	25,588	2,170,557	438
30	7,182	3	370	63,906	4,374	6,471	49,331	3,730	679,921	668,775	11,146	1,309,129	439
37	6,474	6	602	54,833	6,667	4,538	43,393	235	368,482	361,607	6,875	731,063	440
333	78,206	132	22,597	477,229	66,753	43,760	348,329	18,387	2,618,996	2,528,432	90,564	5,016,360	441
202	46,120	------	------	119,036	28,900	11,373	77,763	1,000	1,760,828	1,710,747	50,081	2,930,865	442
388	119,559	9	1,954	198,615	11,202	41,774	135,689	9,950	2,454,237	2,398,680	55,557	4,763,863	443
11	2,786	------	------	7,906	1,769	1,578	2,359	2,200	373,477	369,564	3,913	628,153	444
101	21,964	121	21,246	33,487	1,582	6,727	25,178	------	1,677,224	1,635,210	42,014	2,959,187	445
308	52,432	20	2,279	235,472	15,462	11,435	207,968	607	1,913,634	1,869,435	44,199	3,366,806	446
22	4,397	5	703	23,133	7,746	1,430	13,582	375	402,568	380,420	22,148	511,809	447
150	54,416	29	6,560	215,514	3,606	5,021	205,662	1,225	698,970	678,494	20,476	1,523,464	448
1,574	342,665	23	3,295	290,980	31,093	34,386	191,151	34,350	2,230,408	2,102,290	128,118	4,571,253	449
629	157,979	------	------	349,839	59,075	37,175	235,664	17,925	4,862,660	4,801,723	60,937	7,843,783	450
674	181,623	244	39,620	285,658	12,804	8,870	262,775	1,209	1,260,002	1,208,512	51,490	2,922,242	451
4,498	921,648	48	7,035	271,152	55,510	11,593	202,834	1,215	5,518,391	5,446,736	71,655	9,647,167	452
44	8,498	56	5,047	26,336	3,327	3,167	19,842	------	677,409	664,770	12,639	1,086,834	453
3	715	------	------	3,712	1,392	1,312	1,008	------	50,442	48,826	1,616	90,468	454
194	36,632	10	1,260	162,913	11,642	8,680	142,591	------	1,475,939	1,458,048	17,891	2,521,242	455
508	168,016	76	15,611	94,403	3,722	16,371	74,310	------	927,957	907,667	20,290	1,708,342	456
55	21,722	3	1,260	64,235	15,677	6,391	38,867	3,300	479,650	444,823	34,827	1,084,766	457
37	11,449	30	1,763	49,427	2,242	6,301	39,939	945	417,929	406,137	11,792	826,165	458
77	23,349	16	2,803	56,469	11,042	6,584	29,243	9,600	445,681	437,093	8,588	899,195	459
1,613	365,885	123	20,125	1,950,456	162,152	111,798	1,538,536	137,970	12,348,978	12,107,393	241,585	24,824,042	460
29	5,913	12	1,782	64,542	2,657	8,888	52,847	150	671,146	650,278	20,868	1,129,078	461
247	66,916	21	4,121	108,012	17,714	10,035	64,762	15,501	832,032	816,597	15,435	1,671,574	462
9	3,478	35	7,978	185,628	17,107	10,674	152,547	5,300	1,642,689	1,522,821	119,868	2,558,538	463
210	36,031	43	7,533	257,838	20,236	35,432	183,790	18,380	1,749,046	1,717,035	32,011	3,469,160	464
18	4,094	------	------	15,887	5,492	1,290	6,290	2,815	216,788	213,658	3,130	395,398	465
17	3,355	5	648	3,989	1,302	123	2,514	50	49,673	48,837	836	94,622	466
51	17,737	33	1,440	31,983	3,828	3,331	24,681	143	357,774	344,273	13,501	761,222	467
198	59,303	28	4,755	95,786	16,616	10,821	53,872	14,477	884,443	851,497	32,946	2,093,352	468
139	48,643	6	984	105,568	9,043	1,387	94,164	974	1,029,273	999,070	30,203	1,992,098	469
320	49,687	206	20,616	152,048	8,811	6,317	136,520	400	1,015,571	940,023	75,548	1,790,523	470
39	9,642	7	1,506	52,619	7,551	3,008	42,060	------	725,562	717,026	8,536	1,107,694	471
40	7,065	2	325	82,346	3,684	3,956	51,307	23,399	452,764	449,345	3,419	851,688	472
135	40,203	20	3,499	30,362	1,305	8,088	20,934	35	446,029	423,188	22,841	685,010	473
106	22,714	2	268	24,991	9,590	3,143	12,204	54	377,601	372,542	5,059	642,503	474
50	14,192	13	1,918	65,003	4,775	2,703	37,825	19,700	1,116,066	1,058,722	57,344	1,900,471	475
483	74,225	492	47,335	94,417	6,084	12,131	75,602	600	1,414,574	1,368,213	46,361	2,224,990	476

TABLE 3.—SUMMARY FOR 1,341 CITIES,

	Cities, towns, and villages.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Total. Wages.	Men, 16 years and over. Average number.	Men, 16 years and over. Wages.
477	Greenville, Tex	65	$528,607	$57,067	$73,818	$176,799	$220,923	77	23	$15,970	240	$101,247	226	$97,838
478	Greenwich, Conn	74	1,453,496	76,000	141,690	446,666	789,140	76	55	61,104	915	408,556	811	382,600
479	Gretna, La	16	2,774,077	221,239	463,052	1,009,019	1,080,767	10	72	67,878	791	196,014	785	193,014
480	Griffin, Ga	29	1,407,562	20,775	243,625	632,853	510,309	28	28	27,969	1,021	229,790	522	146,776
481	Grinnell, Iowa	81	812,940	14,437	39,853	46,658	711,992	102	33	23,207	334	145,664	270	125,610
482	Griswold, Conn	30	2,175,383	149,600	859,892	629,049	536,842	30	16	33,064	813	329,266	598	271,836
483	Groton, Conn	16	59,070	11,975	11,975	7,910	27,210	20	6	4,800	94	55,820	92	54,989
484	Groveland, Mass	11	798,941	14,973	125,388	53,415	605,165	11	8	7,700	415	172,308	243	122,245
485	Guilford, Conn	41	247,715	22,900	36,400	92,055	96,360	47	5	2,350	182	89,545	140	79,755
486	Guthrie, Okla	85	415,240	25,750	51,290	194,113	144,087	96	40	32,100	346	139,077	298	129,378
487	Guttenberg, N. J	43	302,807	39,400	101,900	80,100	81,407	43	8	7,244	125	85,670	120	84,450
488	Hadley, N. Y	6	101,297	24,800	14,550	21,550	40,397	7	4	4,800	72	24,578	72	24,578
489	Hagerstown, Md	203	1,375,281	85,664	169,489	355,304	764,824	223	96	52,279	1,873	502,307	929	335,135
490	Hallowell, Me	38	1,029,678	121,825	128,350	147,254	632,249	43	34	48,760	642	314,614	526	285,261
491	Hamburg, Pa	62	416,757	19,925	69,914	99,524	227,394	77	11	6,704	369	113,515	242	90,391
492	Hamden, Conn	25	801,581	94,802	152,914	206,469	347,396	25	34	46,913	494	204,010	398	181,164
493	Hamilton, Ohio	222	12,575,821	997,361	2,154,658	3,197,683	6,226,119	219	325	413,632	5,850	2,626,084	5,027	2,445,121
494	Hammond, Ind	52	6,326,907	333,850	1,053,497	1,790,384	3,149,176	49	291	331,388	2,738	1,265,521	2,215	1,138,151
495	Hampton, Va	40	189,377	14,800	14,450	22,967	137,160	43	13	7,024	217	110,352	208	108,428
496	Handsboro, Miss	5	155,221	16,540	13,520	76,531	48,630	5	6	5,900	133	34,280	124	33,160
497	Hannibal, Mo	172	1,890,718	126,332	261,208	461,343	1,041,835	170	145	117,305	1,420	611,859	1,189	572,059
498	Hanover, Pa	85	766,387	29,437	102,270	212,023	422,657	113	38	20,513	849	262,267	524	203,257
499	Hardwick, Mass	16	1,442,618	31,350	431,750	466,575	512,943	16	14	23,550	755	289,932	500	223,380
500	Harriman, Tenn	38	473,018	13,290	79,716	146,264	233,748	37	33	21,707	325	87,231	295	83,140
501	Harrisburg, Pa	446	8,749,516	941,464	1,316,977	2,177,204	4,313,871	464	404	391,086	7,362	2,949,544	5,435	2,593,264
502	Harrison, N. J	79	5,210,605	662,100	839,246	1,607,081	2,102,178	72	207	237,807	2,983	1,463,265	1,975	1,178,978
503	Harrisonburg, Va	55	521,573	62,550	100,895	102,530	255,598	66	12	15,352	244	78,553	227	76,169
504	Hartford, Conn	888	30,500,047	1,748,268	5,016,138	8,065,155	15,670,486	950	1,267	1,475,519	13,363	7,603,809	11,597	7,068,658
505	Hartford City, Ind	100	1,079,461	56,000	338,270	300,164	385,027	124	49	47,490	950	573,227	822	545,492
506	Harvey, Ill	55	2,582,255	170,886	411,361	621,275	1,378,733	58	190	180,602	1,581	714,940	1,388	666,784
507	Hastings, Mich	57	350,792	7,650	40,594	80,018	222,530	66	14	12,935	347	125,772	269	105,769
508	Hastings, Minn	59	238,372	13,670	63,300	37,726	123,676	65	12	10,022	172	70,764	158	68,842
509	Hastings, Nebr	111	425,794	17,500	66,005	132,751	209,538	115	6	5,280	337	149,265	243	125,514
510	Haverhill, Mass	685	6,801,565	227,775	489,658	1,618,515	4,465,617	838	501	380,014	10,600	5,035,882	7,270	3,909,154
511	Haverhill, N. H	44	257,007	76,700	83,925	34,430	61,952	46	20	4,730	170	63,103	162	61,528
512	Haverstraw, N. Y	110	1,306,235	186,445	225,403	368,572	525,815	131	20	15,753	1,174	510,864	1,116	495,689
513	Havre de Grace, Md	38	831,464	17,500	111,850	215,115	486,999	43	21	17,150	674	332,348	458	283,025
514	Hawley, Pa	28	716,842	73,550	69,200	114,155	459,937	34	12	11,200	448	140,953	288	112,206
515	Hazelton, Pa	141	1,488,290	136,276	368,395	479,125	504,494	156	78	53,241	1,049	341,769	557	270,206
516	Hearne, Tex	11	149,918	4,450	35,656	95,319	14,493	10	8	6,268	101	27,489	101	27,489
517	Helena, Ark	43	563,146	33,990	112,074	278,133	138,949	43	28	29,667	272	108,702	250	99,333
518	Helena, Mont	127	1,097,204	69,810	136,847	495,457	395,090	147	66	76,474	566	374,120	458	341,850
519	Henderson, Ky	107	2,913,716	160,270	425,383	518,049	1,810,014	120	86	68,601	1,475	392,452	867	283,501
520	Herkimer, N. Y	73	1,836,979	142,728	281,719	449,158	963,374	79	49	81,664	1,344	515,627	1,016	439,110
521	Hiawatha, Kans	45	111,280	21,830	23,290	25,635	40,525	55	1	500	84	34,256	68	29,511
522	High Point, N. C	47	834,673	34,750	81,774	173,449	544,700	37	47	38,918	1,116	205,009	875	182,670
523	Hillsboro, Ohio	48	331,539	20,450	44,912	74,445	191,732	49	28	29,029	293	114,135	260	109,151
524	Hillsboro, Ill	27	75,900	12,450	29,900	17,465	16,085	32	2	920	53	17,788	44	15,888
525	Hillsdale, Mich	88	606,278	38,238	93,212	165,129	309,699	96	33	28,555	332	152,337	237	120,421
526	Hinsdale, Mass	14	340,045	7,345	45,050	34,631	253,019	13	6	8,684	250	88,395	153	62,717
527	Hoboken, N. J	399	8,331,015	885,595	1,057,447	1,967,094	4,420,879	432	420	510,166	6,443	3,076,235	4,698	2,665,920
528	Hollidaysburg, Pa	38	167,649	22,100	22,775	23,155	99,619	41	11	7,051	197	77,736	183	75,236
529	Holton, Kans	60	163,649	25,850	30,650	40,960	66,189	71	13	5,280	104	36,347	79	32,060
530	Holyoke, Mass	433	26,760,031	2,823,067	4,356,487	6,524,352	13,056,125	395	628	843,399	13,454	5,730,998	7,705	4,025,971
531	Homer, N. Y	36	495,611	14,625	61,100	62,869	357,017	42	10	5,930	280	108,274	214	93,144
532	Homestead, Pa	52	2,591,815	517,421	279,935	776,762	1,017,697	63	87	86,113	1,030	439,247	1,006	433,265
533	Honesdale, Pa	71	1,357,399	67,000	225,957	276,142	788,300	81	60	51,694	680	238,684	350	161,414
534	Honolulu, Hawaii	119	2,964,332	135,764	481,883	541,594	1,805,091	159	146	224,866	1,708	976,784	1,641	962,866
535	Hoosick Falls, N. Y	57	3,070,843	93,315	514,499	456,137	2,006,892	58	75	79,288	1,405	669,893	1,001	549,310
536	Hopedale, Mass	4	3,031,796	68,047	686,860	381,082	1,895,807	6	50	107,181	1,464	790,439	1,458	789,019
537	Hopkinsville, Ky	73	445,770	42,360	100,090	115,140	188,180	90	68	30,747	547	136,346	481	126,163
538	Hopkinton, R. I	42	831,126	117,250	227,310	157,440	329,126	48	20	17,373	372	125,621	288	106,678
539	Hornellsville, N. Y	154	1,952,072	225,218	298,855	445,669	982,330	187	129	103,688	1,757	680,974	1,308	573,075
540	Horton, Kans	40	589,952	10,985	156,832	44,029	378,106	48	22	19,860	374	196,386	355	193,505
541	Houston, Tex	509	6,955,350	721,695	1,240,482	2,370,966	2,622,207	557	309	339,990	4,588	2,409,250	4,295	2,336,096
542	Hudson, Mass	74	1,615,132	43,625	162,300	279,618	1,129,589	76	48	66,321	1,571	769,625	1,051	556,406
543	Hudson, Mich	74	395,090	21,546	43,765	90,197	239,582	85	28	18,105	227	106 360	206	101,025
544	Hudson, N. Y	144	2,357,304	189,242	380,809	521,762	1,265,491	158	84	94,590	1,403	591,430	911	463,360
545	Hudson, Wis	41	631,920	24,175	248,750	97,515	261,480	42	24	19,552	422	226,001	414	223,900
546	Humboldt, Tenn	30	177,563	14,255	25,974	48,878	88,456	41	17	3,375	188	51,593	184	51,218
547	Huntingburg, Ind	51	171,854	19,580	44,160	32,400	75,714	51	15	6,583	173	64,329	165	62,925
548	Huntingdon, Pa	68	1,062,520	79,200	224,600	325,282	433,438	75	31	23,320	550	208,583	367	165,255
549	Huntington, Conn	64	3,121,834	184,200	504,738	735,067	1,697,829	63	98	130,927	1,622	701,333	1,142	571,324
550	Huntington, Ind	99	956,803	118,152	173,477	202,764	462,410	113	74	45,844	1,238	521,251	1,165	507,873
551	Huntington, W. Va	89	2,286,230	146,125	369,105	495,343	1,275,657	92	87	71,905	1,861	871,708	1,779	852,179
552	Huntsville, Ala	79	1,877,781	96,237	283,180	835,050	663,314	85	53	51,308	1,203	283,575	684	213,283
553	Hutchinson, Kans	140	1,151,138	78,125	318,149	364,226	390,638	176	47	35,476	703	279,188	614	259,927
554	Hyde Park, Mass	127	3,740,053	286,725	680,020	845,250	1,928,058	119	109	155,929	2,792	1,317,684	2,077	1,120,542
555	Ilion, N. Y	47	2,172,209	68,151	256,582	534,710	1,312,766	57	58	60,826	1,946	1,185,975	1,838	1,150,365
556	Independence, Iowa	57	312,405	35,800	58,850	109,530	108,225	56	8	5,060	159	57,375	129	52,210

TOWNS, AND VILLAGES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.				MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
12	$3,253	2	$156	$47,440	$9,587	$3,737	$32,046	$2,070	$299,069	$287,039	$12,030	$603,050	477
93	24,176	11	1,780	91,999	7,578	3,588	33,033	47,800	764,776	743,737	21,039	1,541,933	478
		6	3,000	118,210	1,003	28,005	89,202		3,572,492	3,524,318	48,174	4,075,787	479
263	55,358	236	27,656	44,981	1,012	8,973	34,946	50	561,874	540,717	21,157	1,079,133	480
64	20,054			37,045	4,259	1,357	18,746	12,683	426,632	421,677	4,955	1,004,642	481
176	49,296	39	8,134	123,772	1,358	10,613	110,611	1,190	505,748	454,263	51,485	1,173,969	482
2	831			6,032	1,409	332	1,791	2,500	88,731	87,511	1,220	197,106	483
127	39,214	45	10,849	34,119	159	4,502	29,458		594,025	559,809	34,216	857,736	484
37	8,640	5	1,150	7,561	714	1,094	3,383	2,370	119,083	116,373	2,710	293,400	485
43	8,869	5	830	36,706	13,364	3,829	19,313	200	430,869	413,693	17,176	837,374	486
4	1,004	1	216	62,093	2,886	982	57,595	630	116,433	110,769	5,664	344,531	487
				1,527	50	404	1,073		32,018	31,927	91	75,822	488
859	159,831	85	7,341	92,802	20,689	6,663	47,130	18,320	1,454,929	1,434,049	20,880	2,465,507	489
116	29,353			127,595	1,995	3,966	30,394	91,240	634,957	627,002	7,955	1,247,687	490
94	20,674	33	2,450	20,950	3,125	1,041	13,159	3,625	383,291	375,596	7,695	627,209	491
89	21,598	7	1,248	35,611	2,864	3,074	18,495	11,178	373,190	349,614	23,576	757,239	492
758	171,649	65	9,314	803,481	30,104	43,549	729,228	600	5,535,568	5,388,146	147,422	12,003,316	493
519	126,870	4	500	491,449	6,936	20,738	458,695	5,080	20,277,354	20,186,585	90,769	25,223,536	494
5	1,504	3	420	57,477	6,631	471	2,175	48,200	315,196	311,568	3,628	578,486	495
		9	1,120	4,070	50	430	3,590		127,833	127,158	675	213,844	496
216	38,249	15	1,551	141,634	18,274	8,039	113,771	1,550	1,890,909	1,848,719	42,190	3,025,349	497
309	56,267	16	2,743	78,399	4,971	1,348	72,080		557,542	540,304	17,238	1,153,492	498
209	57,902	46	8,650	72,438	340	10,038	59,485	2,575	691,354	648,498	42,856	1,173,776	499
9	1,504	21	2,587	14,408	1,322	1,789	11,297		449,311	433,152	16,159	615,441	500
1,812	342,986	115	13,294	646,950	141,425	24,365	380,105	101,055	9,402,516	8,992,718	409,798	16,064,597	501
911	270,156	97	14,131	385,948	25,822	19,620	324,506	16,000	3,297,663	3,218,506	79,157	6,331,783	502
8	1,526	9	858	30,187	2,817	2,674	19,571	5,125	458,558	453,181	5,377	682,654	503
1,698	521,065	68	14,086	3,375,585	252,105	118,180	1,666,192	1,339,108	14,103,167	13,791,041	312,126	31,145,715	504
63	16,960	65	10,775	56,324	6,775	5,987	43,412	150	765,340	749,714	15,626	1,747,090	505
119	30,685	74	17,471	132,428	3,958	6,138	118,332	4,000	1,318,415	1,268,786	49,629	2,812,592	506
78	20,003			37,413	6,545	1,677	29,191		382,962	370,122	12,840	691,046	507
11	1,632	3	290	36,872	12,216	2,185	19,721	2,750	1,024,625	1,010,712	13,913	1,270,209	508
87	22,932	7	819	35,409	12,207	2,627	16,293	4,282	340,094	328,678	11,416	720,615	509
3,274	1,114,133	56	12,595	1,336,232	196,125	41,962	369,620	728,525	15,628,972	15,497,631	131,341	24,937,073	510
7	1,455	1	120	8,940	1,236	1,554	6,150		215,528	210,385	5,143	334,519	511
45	12,345	13	2,830	177,327	107,686	6,109	42,208	21,324	405,601	284,500	121,101	1,366,158	512
144	44,545	72	4,778	16,491	5,277	1,278	9,636	300	913,676	906,688	6,988	1,372,420	513
88	18,756	72	9,991	21,825	1,234	1,737	8,404	10,450	587,627	574,638	12,989	809,724	514
396	60,472	96	11,091	166,935	18,513	5,353	123,148	19,921	520,222	511,128	9,094	1,478,503	515
				23,797	398	1,391	22,008		152,652	142,067	10,585	252,218	516
18	8,630	4	739	44,893	5,535	4,841	33,259	1,258	437,047	421,980	15,067	821,011	517
100	30,520	8	1,750	96,664	28,308	7,038	60,228	1,090	705,776	683,663	22,113	1,544,485	518
427	86,243	181	22,708	199,590	15,694	16,282	160,246	7,368	1,842,397	1,821,786	20,611	2,915,539	519
300	71,617	28	4,900	159,725	5,349	10,312	144,064		940,818	915,953	24,865	2,053,605	520
16	4,745			9,875	3,429	912	3,994	1,540	85,822	83,874	1,948	183,816	521
95	10,940	146	11,399	72,386	2,296	5,048	61,442	3,600	617,434	608,920	8,514	1,178,715	522
33	4,984			18,140	3,636	2,653	11,851		305,399	293,104	12,295	574,988	523
9	1,900			5,367	1,335	465	3,067	500	45,994	41,735	4,259	101,429	524
93	31,291	2	625	27,701	6,100	2,245	18,806	550	1,047,550	1,031,070	16,480	1,384,462	525
84	23,519	13	2,159	19,602	450	2,569	16,583		275,638	268,028	7,610	434,627	526
1,377	331,755	368	78,560	878,470	158,295	39,236	655,036	25,903	5,724,626	5,612,488	112,138	12,092,872	527
12	2,300	2	200	8,931	1,691	592	6,648		190,979	175,982	14,997	332,022	528
23	4,134	2	153	11,021	3,673	1,172	5,059	1,117	88,039	85,897	2,142	201,585	529
5,150	1,585,232	599	119,795	1,976,024	117,682	238,212	1,352,301	267,829	13,673,969	13,017,607	656,362	26,283,964	530
66	15,130			16,750	2,214	1,184	13,277	75	275,992	270,801	5,191	622,890	531
16	4,154	8	1,828	59,737	16,180	2,412	41,145		725,729	701,675	24,054	1,444,245	532
270	69,865	60	7,405	90,242	6,299	2,753	59,190	22,000	714,659	704,332	10,327	1,235,425	533
38	9,559	29	4,359	201,958	69,795	18,836	94,751	18,576	2,426,046	2,344,350	81,696	4,613,125	534
402	120,352	2	231	200,366	5,790	17,190	177,137	249	1,031,421	982,314	49,107	2,734,861	535
6	1,420			123,682	200	7,603	115,879		1,214,395	1,199,750	14,645	3,319,747	536
51	7,983	15	2,200	50,917	7,229	4,018	33,338	6,332	514,404	503,993	10,411	884,913	537
77	17,733	7	1,210	29,180	1,785	3,633	14,719	9,043	255,273	248,522	6,751	506,209	538
436	105,748	13	2,151	174,055	15,271	7,285	121,997	29,502	1,515,287	1,483,087	32,200	2,873,670	539
14	2,352	5	529	12,721	2,309	7,325	2,188	899	291,331	284,686	6,645	555,024	540
230	64,151	63	9,003	663,426	81,950	41,297	529,472	10,707	5,792,571	5,604,374	188,197	10,641,575	541
493	206,152	27	7,067	154,641	15,025	11,163	125,203	3,250	2,440,180	2,424,390	15,790	3,621,137	542
21	5,335			29,077	3,429	1,199	23,139	1,310	311,418	307,047	4,371	610,152	543
462	123,884	30	4,186	365,163	13,110	11,174	327,129	13,750	1,495,636	1,465,481	30,155	3,096,759	544
6	1,851	2	250	18,775	2,258	4,212	12,305		926,230	917,497	8,733	1,261,569	545
2	225	2	150	13,290	1,315	1,320	10,655		142,616	140,103	2,513	267,411	546
4	860	4	544	11,178	1,094	1,662	8,422		232,087	228,262	3,825	378,440	547
171	41,916	12	1,412	82,972	8,349	2,624	71,999		547,414	530,897	16,517	971,674	548
426	121,145	54	8,864	219,959	16,700	10,372	170,017	22,870	2,267,661	2,178,321	89,340	3,917,477	549
67	12,088	6	1,290	45,923	9,497	6,982	29,444		1,106,697	1,074,077	32,620	1,922,329	550
74	18,865	8	664	117,075	9,791	12,439	93,995	850	2,598,937	2,553,910	45,027	3,873,432	551
282	53,079	237	17,213	152,637	7,015	11,092	131,558	2,972	890,118	862,278	27,840	1,728,711	552
36	18,850	3	411	81,740	16,326	7,621	57,463	330	1,216,951	1,096,833	120,118	1,907,370	553
696	192,991	19	4,151	157,816	12,112	25,212	113,162	7,330	2,747,589	2,687,170	60,419	5,007,409	554
100	34,373	8	1,237	230,485	6,752	14,799	208,534	400	564,422	543,351	21,071	2,944,655	555
21	3,990	2	1,175	14,766	5,171	1,739	7,856		163,291	159,349	3,942	314,179	556

TABLE 3.—SUMMARY FOR 1,341 CITIES,

	Cities, towns, and villages.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Total. Wages.	Men, 16 years and over. Average number.	Men, 16 years and over. Wages.
557	Independence, Kans	61	$210,375	$8,175	$35,430	$82,720	$84,050	67	12	$6,910	183	$62,658	118	$52,319
558	Independence, Mo	64	505,645	58,200	79,950	127,655	239,840	63	29	35,737	220	100,982	184	92,032
559	Indianapolis, Ind	1,910	36,828,114	3,368,676	5,180,343	10,363,247	17,915,848	1,967	2,636	2,445,785	25,511	10,882,914	21,181	9,919,544
560	Iowa City, Iowa	129	1,003,969	85,750	153,000	253,436	511,783	136	148	70,399	680	299,314	536	273,222
561	Ipswich, Mass	64	826,419	57,269	79,238	142,923	546,989	58	18	24,216	843	382,277	471	265,891
562	Ironton, Ohio	112	3,321,219	334,383	570,881	1,072,844	1,343,111	105	98	108,457	1,758	767,394	1,670	749,692
563	Ironwood, Mich	47	163,090	30,235	20,000	33,875	78,980	52	2	1,720	134	66,288	118	63,908
564	Irvington, N. J	60	365,503	35,875	99,600	68,496	161,532	67	15	16,145	331	139,485	290	130,664
565	Ishpeming, Mich	55	192,887	13,200	29,800	53,537	96,350	60	5	6,600	191	97,256	165	90,844
566	Ithaca, N. Y	194	2,998,057	311,578	601,701	622,656	1,462,122	231	133	98,377	1,286	631,984	1,116	584,977
567	Jackson, Mich	291	4,617,656	273,428	625,426	920,187	2,798,615	309	389	362,462	4,206	1,666,680	2,914	1,321,023
568	Jackson, Miss	83	953,508	74,111	164,222	392,240	322,935	96	82	60,459	735	263,645	676	248,582
569	Jackson, Ohio	43	454,008	34,839	99,050	41,545	278,574	44	14	11,365	147	60,363	128	56,427
570	Jackson, Tenn	84	1,123,632	71,750	182,325	315,376	554,181	87	112	83,234	1,205	467,340	1,074	438,600
571	Jacksonville, Fla	195	2,068,663	456,570	160,750	700,817	750,526	208	119	106,241	1,602	645,921	1,473	617,767
572	Jacksonville, Ill	174	1,505,725	73,000	257,516	367,895	807,314	221	138	109,895	1,436	596,189	1,140	532,366
573	Jamestown, N. Y	178	8,552,470	722,078	1,110,541	1,787,467	4,932,384	214	386	474,249	4,685	1,800,192	3,201	1,427,698
574	Janesville, Wis	184	2,630,833	181,196	339,536	815,106	1,294,995	211	179	129,127	1,710	685,842	1,278	585,607
575	Jasper, Ind	42	162,323	20,900	37,146	21,575	82,702	50	8	3,010	202	80,124	193	78,526
576	Jefferson, Tex	21	395,904	116,268	112,050	88,826	78,760	14	27	20,820	335	94,367	324	91,771
577	Jefferson, Wis	66	629,658	42,570	184,534	103,568	298,986	74	24	19,010	370	129,299	335	121,365
578	Jefferson City, Mo	99	1,627,434	66,070	90,123	284,951	1,186,290	100	179	179,345	455	169,124	350	151,155
579	Jeffersonville, Ind	78	2,695,007	167,218	418,215	422,854	1,686,720	87	78	121,410	1,802	877,275	1,779	872,404
580	Jersey City, N. J	965	80,327,678	5,743,192	7,865,798	28,767,810	37,950,878	962	1,676	2,095,778	19,499	9,126,042	14,996	8,066,109
581	Johnson City, Tenn	45	1,239,406	75,980	238,085	188,527	736,814	51	34	26,598	549	121,334	494	115,805
582	Johnston, R. I	13	2,026,139	75,175	157,741	491,240	1,301,983	13	43	45,732	729	230,348	318	135,905
583	Johnstown, N. Y	214	3,695,819	184,160	331,475	702,520	2,477,664	293	130	119,696	3,884	1,248,587	1,977	913,650
584	Johnstown, Pa	248	16,940,450	929,865	3,065,682	6,944,427	6,000,476	316	394	449,133	6,116	3,213,189	5,918	3,166,356
585	Joliet, Ill	455	15,452,196	3,138,450	1,919,258	3,984,885	6,409,603	484	407	359,105	6,523	3,957,529	6,271	3,899,701
586	Joplin, Mo	123	1,411,495	160,690	244,759	193,970	812,076	146	52	53,808	951	516,080	875	500,530
587	Junction City, Kans	66	229,677	18,450	66,300	58,780	86,147	92	3	2,400	184	83,776	145	77,461
588	Kalamazoo, Mich	268	5,796,195	527,727	578,947	1,200,380	3,489,141	279	513	443,407	4,293	1,617,299	2,990	1,324,700
589	Kankakee, Ill	125	900,739	165,232	178,968	201,044	355,495	152	31	38,136	893	377,863	792	353,154
590	Kansas City, Kans	492	18,633,475	1,063,395	3,062,529	2,092,747	12,414,804	538	2,075	1,918,251	10,544	4,886,259	9,384	4,589,885
591	Kansas City, Mo	1,797	26,437,307	2,246,097	2,236,955	11,947,799	10,006,456	1,949	1,514	1,449,221	15,381	7,783,652	11,814	6,899,848
592	Kaukauna, Wis	71	1,315,646	98,105	298,646	513,016	405,879	71	37	41,514	667	300,827	619	288,371
593	Kearney, Nebr	84	379,769	6,050	78,673	158,915	136,131	91	18	12,260	364	120,890	209	87,047
594	Kearney, N. J	33	2,097,861	135,736	483,246	482,384	996,495	32	33	47,520	1,102	417,985	607	294,750
595	Keene, N. H	160	2,305,729	132,738	329,633	573,194	1,270,164	163	115	98,536	1,832	842,373	1,453	718,452
596	Kendallville, Ind	39	753,180	18,974	83,850	87,227	563,129	50	29	25,165	407	150,511	387	147,164
597	Kennebunk, Me	45	747,024	51,850	53,660	241,149	400,365	41	33	32,970	579	229,176	432	191,360
598	Kenosha, Wis	71	5,946,975	247,555	660,518	1,034,759	4,004,143	67	105	187,301	3,149	1,332,380	2,527	1,194,715
599	Kent, Ohio	59	723,218	29,733	227,708	216,454	249,323	60	24	18,836	945	405,237	875	389,101
600	Kenton, Ohio	95	886,687	85,025	178,083	194,356	429,223	100	59	47,068	653	266,299	592	251,871
601	Keokuk, Iowa	188	2,103,335	107,565	219,295	551,371	1,225,104	197	349	436,067	1,665	614,580	1,145	503,461
602	Kewanee, Ill	89	2,190,263	89,751	309,257	540,966	1,250,289	92	135	136,932	2,696	1,070,196	2,364	986,922
603	Key West, Fla	92	1,839,194	33,850	46,800	37,831	1,720,713	110	61	85,319	1,969	1,164,835	1,557	1,064,399
604	Killingly, Conn	74	2,174,445	213,247	392,441	767,675	801,082	70	35	46,402	1,263	441,033	793	314,055
605	Kingston, N. Y	344	3,657,551	558,200	566,573	1,069,041	1,463,737	368	169	158,913	2,685	1,245,557	2,161	1,127,028
606	Kittery, Me	8	8,627	1,085	765	2,055	4,722	8	------	------	9	3,471	9	3,471
607	Knoxville, Tenn	218	5,151,130	241,113	585,808	2,225,831	2,098,378	255	268	257,387	4,714	1,473,543	3,096	1,231,582
608	Kokomo, Ind	136	2,533,909	165,886	607,624	1,019,368	741,031	133	134	101,949	1,747	707,688	1,511	672,900
609	Laconia, N. H	139	1,964,510	141,167	257,975	513,847	1,051,521	147	42	49,193	1,682	641,306	1,071	478,549
610	La Crosse, Wis	255	7,230,360	1,049,415	1,117,735	1,259,962	3,803,248	266	300	310,436	3,009	1,105,985	2,231	960,116
611	Lafayette, Ind	234	3,061,476	211,025	496,809	1,115,464	1,238,178	234	316	276,644	1,756	767,079	1,388	692,503
612	La Grande, Oreg	64	609,682	44,250	129,900	329,421	106,111	77	11	10,426	230	130,953	215	126,039
613	La Grange, Ga	24	956,899	21,400	131,544	467,505	336,450	22	11	11,150	709	131,684	324	74,125
614	Lambertville, N. J	70	1,763,221	96,010	234,233	304,776	1,128,202	69	72	76,407	913	367,959	808	342,471
615	Lancaster, N. H	52	303,204	27,650	42,481	80,896	152,177	63	12	10,840	195	86,669	175	81,364
616	Lancaster, Ohio	100	1,537,272	130,541	307,567	322,741	776,423	103	81	68,017	1,287	614,609	865	495,557
617	Lancaster, Pa	728	10,803,464	772,515	1,901,955	3,132,296	4,996,698	855	427	398,934	9,349	3,323,748	5,585	2,416,060
618	Lansford, Pa	24	208,116	8,190	35,740	75,273	93,913	22	8	2,550	283	119,815	270	117,215
619	Lansing, Mich	164	2,018,219	129,229	291,740	570,375	1,026,875	188	176	138,613	1,575	647,788	1,358	592,250
620	Lansingburg, N. Y	127	2,957,650	198,286	488,350	465,026	1,805,988	155	128	261,345	2,940	1,128,803	913	503,057
621	Laporte, Ind	96	2,849,165	214,385	301,300	479,873	1,853,607	106	115	117,289	989	379,097	827	340,592
622	Laramie, Wyo	29	323,471	18,560	35,600	102,340	166,971	24	14	16,348	390	207,991	380	205,663
623	Lasalle, Ill	81	2,095,850	122,531	365,583	830,317	777,019	83	68	177,736	1,057	524,261	991	511,209
624	Lawrence, Kans	128	875,638	45,800	177,400	326,382	326,056	138	86	46,109	946	335,189	776	301,601
625	Lawrence, Mass	546	49,914,035	3,867,090	5,957,135	11,734,372	28,355,438	581	681	1,011,243	22,358	8,972,310	12,998	5,929,767
626	Lawrenceburg, Ind	51	1,047,246	44,630	122,400	162,615	717,601	59	48	53,635	674	287,888	624	279,514
627	Leadville, Colo	115	3,632,766	117,328	953,808	1,580,884	980,746	119	49	75,468	1,376	854,095	1,352	843,705
628	Leavenworth, Kans	220	3,207,111	220,436	559,313	693,285	1,734,077	252	232	211,761	1,750	833,576	1,556	796,777
629	Lebanon, Ind	66	258,720	27,903	48,675	68,842	113,300	91	12	6,542	291	105,958	255	99,103
630	Lebanon, N. H	80	1,351,326	212,025	269,691	338,238	531,372	96	45	39,430	747	277,398	468	193,440
631	Lebanon, Ohio	72	223,705	8,175	24,425	102,085	89,020	77	6	2,229	179	84,902	159	80,364
632	Lebanon, Pa	219	7,756,390	638,667	1,853,022	2,607,877	2,656,824	247	201	210,477	5,613	2,245,809	4,554	1,958,687
633	Lee, Mass	71	1,209,509	211,300	220,675	360,294	417,240	76	42	59,611	620	274,004	424	227,597
634	Leetonia, Ohio	32	2,121,818	40,680	614,882	443,010	1,023,246	36	34	41,846	496	280,162	488	278,587
635	Lehi City, Utah	16	1,267,570	69,375	155,095	613,460	429,640	20	10	19,660	78	103,804	70	103,214
636	Lehighton, Pa	42	648,281	42,990	149,104	131,650	324,537	44	30	22,105	180	99,715	208	79,021

TOWNS, AND VILLAGES: 1900—Continued.

Average number of wage-earners and total wages—continued.				Miscellaneous expenses.					Cost of materials used.			Value of products, including custom work and repairing.	
Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
45	$8,365	20	$1,974	$14,490	$3,292	$1,303	$9,875	$20	$258,555	$253,849	$4,706	$416,991	557
29	7,880	7	1,070	39,775	6,556	2,490	29,829	900	604,002	593,382	10,620	886,354	558
4,065	926,221	265	37,149	5,389,394	432,823	216,794	3,184,970	1,554,807	42,055,634	41,449,677	605,957	68,607,579	559
131	23,914	13	2,178	89,077	17,682	5,055	65,515	825	781,780	768,416	13,364	1,511,065	560
341	111,248	31	5,138	142,446	2,138	7,872	34,616	97,820	481,386	469,301	12,085	1,194,826	561
84	17,359	4	343	178,236	12,235	22,610	105,677	37,714	3,299,905	2,849,804	450,101	5,715,112	562
16	2,380	----------	----------	8,371	4,173	1,494	2,704	----------	103,224	100,895	2,329	250,463	563
40	8,662	1	159	67,301	5,307	1,028	12,294	48,672	1,138,248	1,125,779	12,469	1,773,558	564
24	6,190	2	222	17,540	8,044	816	8,580	100	186,010	182,213	3,797	404,916	565
169	46,787	1	220	149,945	29,773	6,362	73,200	40,610	1,114,845	1,064,927	49,918	2,535,151	566
1,270	342,211	22	3,446	480,757	48,780	22,448	344,807	64,722	4,223,891	4,106,325	117,566	7,587,526	567
50	14,118	9	945	84,053	11,171	13,719	52,307	6,856	1,075,845	1,042,676	33,169	1,724,395	568
16	3,504	3	432	16,899	3,891	3,158	9,150	700	256,791	180,344	76,447	510,111	569
125	27,970	6	770	75,371	9,472	8,014	57,785	100	847,514	825,746	21,768	1,894,149	570
97	23,854	32	4,300	153,295	39,089	12,853	100,872	481	1,007,924	970,543	37,381	2,312,209	571
254	59,030	42	4,793	179,043	22,001	7,919	95,586	53,537	1,183,693	1,159,575	24,118	2,385,547	572
1,268	346,835	216	25,659	583,097	27,923	23,287	529,273	2,614	4,096,302	4,012,437	83,865	8,218,922	573
393	96,272	39	3,963	249,911	23,850	12,625	210,110	3,326	1,980,411	1,942,208	38,203	3,670,820	574
7	1,398	2	200	10,412	868	1,622	7,922	----------	142,128	140,340	1,788	297,600	575
6	1,250	5	1,346	16,006	886	2,169	11,888	1,063	292,638	246,224	46,414	498,462	576
33	7,712	2	222	36,970	2,991	2,792	30,937	250	513,591	497,102	16,489	828,924	577
65	14,172	40	3,797	589,999	11,740	4,948	158,540	414,771	2,279,573	2,260,107	19,466	3,361,998	578
19	4,235	4	636	143,146	8,578	11,660	122,663	245	2,579,034	2,526,060	52,974	4,099,209	579
4,139	995,646	364	64,287	6,528,570	427,126	258,104	5,509,434	333,906	52,254,465	51,495,525	758,940	77,225,116	580
8	1,475	47	4,054	29,383	3,806	6,795	16,982	1,800	607,688	555,479	52,209	1,046,537	581
345	85,443	66	9,000	88,745	7,478	2,511	77,821	935	1,924,454	1,903,911	20,543	2,619,146	582
1,877	330,536	30	4,401	300,845	27,013	11,348	186,072	76,412	3,130,043	3,078,047	51,996	5,480,072	583
98	26,129	100	20,704	1,922,080	245,423	62,923	1,543,800	69,934	14,445,126	13,066,883	1,378,243	22,559,890	584
213	49,274	39	8,554	1,718,339	51,459	75,219	1,320,660	271,001	17,891,836	16,002,395	1,889,441	27,765,104	585
66	14,073	10	1,477	110,962	21,164	6,518	83,062	218	1,854,817	1,802,577	52,240	2,961,793	586
30	5,388	9	927	13,252	5,105	1,683	6,064	400	449,507	446,398	3,109	652,861	587
1,267	286,918	36	5,681	624,914	49,238	29,121	459,287	87,268	4,257,010	4,142,764	114,246	8,056,908	588
86	22,293	15	2,416	90,126	17,381	5,840	60,518	6,387	578,303	559,098	19,205	1,334,702	589
812	230,933	348	65,441	2,643,077	88,336	122,694	2,356,976	75,071	70,386,491	69,914,739	471,752	82,768,943	590
3,268	830,195	299	53,609	3,545,069	494,411	128,183	1,906,552	1,015,923	18,214,198	17,788,730	425,468	36,527,392	591
45	11,830	3	626	97,158	16,117	10,782	69,059	1,200	803,552	763,309	40,243	1,424,047	592
105	23,295	50	10,548	22,793	5,958	2,133	14,428	274	248,223	234,899	13,324	498,586	593
333	99,900	162	23,335	127,612	2,943	18,299	93,670	12,700	1,081,948	1,061,848	20,100	1,845,587	594
350	118,397	29	5,524	131,557	24,676	9,841	96,820	220	1,682,221	1,644,837	37,384	3,083,149	595
18	3,097	2	250	147,333	2,482	2,095	142,756	----------	306,324	298,603	7,721	936,880	596
135	35,907	12	1,909	69,058	6,808	2,671	59,579	----------	485,372	476,563	8,809	936,399	597
347	88,315	275	49,350	360,411	7,392	23,856	329,163	----------	5,106,209	4,654,919	451,290	7,488,366	598
69	15,886	1	250	18,195	5,281	5,006	7,883	25	1,079,937	1,065,825	14,112	1,599,562	599
61	14,428	----------	----------	94,815	9,576	5,962	78,826	451	540,074	526,347	13,727	1,118,629	600
440	99,808	80	11,311	196,578	23,155	10,383	127,642	35,398	1,882,227	1,857,284	24,943	3,660,047	601
205	54,769	127	28,505	84,077	10,060	6,560	66,697	760	2,895,801	2,697,661	198,140	4,468,251	602
410	100,124	2	312	534,388	13,947	3,721	516,720	----------	1,395,072	1,392,998	2,074	3,403,607	603
424	120,279	46	6,699	131,734	9,755	12,151	97,828	12,000	811,679	778,084	33,595	1,705,997	604
503	114,301	21	4,228	327,143	40,346	22,554	264,062	181	2,560,822	2,464,679	96,143	5,280,478	605
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1,336	216,660	282	25,301	306,795	52,342	23,369	228,260	2,824	3,877,772	3,777,763	100,009	6,943,595	607
224	33,979	12	809	219,510	12,850	18,110	171,699	17,351	1,308,899	1,224,018	84,881	2,724,859	608
595	160,787	16	1,970	113,970	22,504	10,820	69,606	11,040	1,293,192	1,260,979	32,213	2,389,202	609
733	140,345	45	5,524	864,006	31,515	42,412	752,675	37,404	4,965,850	4,852,452	113,398	8,281,749	610
361	73,371	7	1,205	286,049	45,815	22,206	198,522	19,506	2,322,364	2,273,847	48,517	4,310,730	611
14	4,814	1	100	27,343	3,868	5,552	16,573	1,350	300,044	290,602	9,442	560,535	612
174	33,745	211	23,814	38,405	1,906	5,413	31,086	----------	459,966	443,939	16,027	783,867	613
99	24,807	6	681	130,697	6,638	4,415	108,314	11,330	1,383,515	1,356,980	26,535	2,264,223	614
20	5,305	----------	----------	39,586	3,319	2,178	25,824	8,265	272,433	268,965	3,468	507,298	615
319	96,282	103	22,770	97,284	8,092	6,162	73,030	10,000	1,197,266	1,178,080	19,186	2,219,695	616
2,954	774,801	810	132,887	1,193,997	74,312	33,164	924,791	161,730	8,342,709	8,187,475	155,234	16,370,281	617
9	1,956	4	644	3,728	1,511	1,515	702	----------	200,274	197,795	2,479	348,517	618
212	54,753	5	785	188,327	28,182	12,232	136,282	11,631	1,364,831	1,333,108	31,723	2,827,842	619
1,968	618,211	59	7,535	340,563	22,365	13,311	299,337	5,550	1,598,204	1,569,315	28,889	3,778,277	620
159	37,980	3	525	127,086	9,586	12,211	105,049	140	1,194,572	1,171,885	22,687	2,247,659	621
4	1,056	6	1,272	29,252	4,311	1,908	22,233	800	311,548	287,972	23,576	644,291	622
43	8,835	23	4,217	79,042	8,326	10,437	54,279	6,000	2,509,284	2,355,178	154,106	3,563,947	623
157	32,038	13	1,550	67,859	17,854	6,909	41,921	1,175	1,174,357	1,143,821	30,536	1,842,199	624
8,542	2,856,361	818	186,182	2,210,145	107,659	251,432	1,524,398	326,656	26,175,644	25,593,234	582,410	44,703,278	625
30	5,956	20	2,418	90,613	2,300	7,672	80,641	----------	1,632,315	1,612,669	19,646	2,250,034	626
20	10,030	4	360	94,829	23,159	8,009	63,111	550	5,061,979	4,681,667	380,312	6,436,680	627
140	29,580	54	7,219	252,029	32,228	35,926	137,543	46,332	2,822,127	2,770,419	51,708	4,721,373	628
31	6,455	5	400	17,004	5,111	2,707	8,686	500	343,864	335,626	8,238	588,879	629
277	83,518	2	440	41,659	4,967	4,659	30,863	1,170	887,600	865,999	21,601	1,534,628	630
18	4,388	2	150	9,400	4,211	1,268	3,921	----------	334,820	330,810	4,010	571,832	631
846	249,744	213	37,378	350,716	18,082	17,411	312,281	2,942	6,512,892	5,612,645	900,247	10,167,455	632
195	46,251	1	156	71,200	2,513	9,945	58,025	717	483,569	439,479	44,090	1,168,328	633
6	1,300	2	325	102,977	574	5,220	97,183	----------	1,943,900	1,350,209	593,691	2,725,457	634
2	450	1	140	53,680	576	4,896	48,208	----------	368,847	332,198	36,649	721,981	635
135	17,707	37	2,987	38,955	4,595	1,988	23,285	9,087	414,945	408,240	6,705	691,705	636

TABLE 3.—SUMMARY FOR 1,341 CITIES,

	Cities, towns, and villages.	Number of establishments.	Capital.					Proprietors and firm members.	Salaried officials, clerks, etc.		Average number of wage-earners and total wages.			
											Total.		Men, 16 years and over.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Average number.	Wages.	Average number.	Wages.
637	Leicester, Mass	20	$970,246	$56,661	$131,800	$243,024	$538,761	18	13	$16,217	647	$266,210	376	$181,570
638	Le Mars, Iowa	69	555,662	91,600	126,375	156,487	181,200	73	16	16,700	190	85,804	170	81,513
639	Lemont, Ill	44	390,308	93,560	46,595	112,480	137,673	47	27	26,462	260	103,597	162	82,929
640	Leominster, Mass	167	3,987,611	239,485	638,544	683,821	2,425,761	201	158	167,179	3,623	1,600,186	2,439	1,211,616
641	Leroy, N. Y	62	1,955,988	257,090	588,486	326,308	784,104	59	158	101,176	430	158,232	334	134,937
642	Lestershire, N. Y	40	1,577,367	30,200	57,315	216,810	1,273,042	39	53	29,266	1,891	712,333	1,321	549,467
643	Lewisburg, Pa	36	389,487	13,410	54,840	115,635	205,602	40	11	7,564	260	82,927	188	68,923
644	Lewiston, Me	282	10,984,871	601,250	2,040,082	3,700,081	4,643,458	285	181	202,483	7,159	2,509,030	3,837	1,580,907
645	Lewistown, Pa	64	1,011,949	84,650	205,980	209,690	511,629	69	22	21,337	563	223,705	523	214,619
646	Lexington, Ky	272	1,707,118	132,335	276,830	589,247	708,706	290	167	117,933	1,464	556,613	1,236	516,123
647	Lexington, Va	26	49,658	4,200	22,144	11,263	12,051	30	8	3,770	51	16,039	47	15,239
648	Lima, Ohio	195	5,487,584	302,106	711,657	2,270,923	2,202,898	230	208	166,716	2,223	1,050,780	1,838	970,530
649	Lincoln, Ill	88	470,892	29,500	75,431	133,975	231,986	116	36	18,647	323	140,597	279	129,305
650	Lincoln, Nebr	250	2,608,992	157,800	381,515	1,078,850	990,827	269	244	207,544	1,736	789,356	1,485	723,579
651	Lincoln, R. I	41	6,134,320	277,952	1,577,048	1,417,747	2,861,573	39	43	99,020	2,645	990,769	1,331	591,053
652	Lisbon, Me	42	2,480,636	131,731	431,894	744,467	1,172,544	34	37	53,985	998	364,775	702	287,803
653	Litchfield, Ill	54	303,967	28,411	81,496	119,250	74,810	65	11	8,750	216	95,558	192	89,371
654	Little Falls, Minn	52	2,508,745	1,372,320	104,105	213,306	819,014	53	32	41,705	603	264,555	587	260,984
655	Little Falls, N. Y	124	4,020,573	327,074	668,016	971,879	2,053,604	147	106	120,499	3,112	1,125,777	1,607	751,948
656	Little Rock, Ark	171	3,434,393	318,962	467,877	1,407,104	1,240,450	174	292	249,943	2,751	1,384,722	2,512	1,339,015
657	Littleton, N. H	71	670,392	36,835	72,720	85,179	475,658	81	16	15,942	675	215,877	426	156,468
658	Lockland, Ohio	56	2,313,049	349,550	644,750	442,773	875,976	51	68	89,977	596	230,750	559	221,382
659	Lockport, Ill	41	634,098	34,475	117,700	283,289	198,634	37	24	31,200	255	113,464	240	110,147
660	Lockport, N. Y	243	6,250,709	680,661	1,083,621	1,725,056	2,761,371	284	245	238,799	2,699	1,217,672	2,178	1,101,323
661	Logan, Utah	63	279,952	62,125	46,400	58,830	112,597	76	25	13,430	181	62,081	105	48,378
662	Logansport, Ind	170	1,969,073	226,110	370,575	520,041	852,347	200	78	54,674	1,627	730,494	1,422	688,948
663	Lorain, Ohio	59	12,343,937	863,739	2,699,569	3,625,720	5,154,909	57	116	111,880	2,221	1,115,589	2,098	1,085,516
664	Los Angeles, Cal	1,415	11,742,838	1,014,352	1,214,411	3,510,617	6,003,458	1,584	939	840,855	8,044	3,992,733	6,389	3,576,618
665	Louisiana, Mo	75	453,470	42,945	66,214	129,274	215,037	82	38	63,314	319	90,531	220	75,435
666	Louisville, Ky	2,307	49,334,701	4,868,981	6,929,847	11,196,678	26,839,195	2,568	2,893	2,929,141	29,926	10,945,720	23,348	9,638,562
667	Lowell, Mass	981	46,578,193	3,602,780	6,706,287	8,310,868	27,958,258	1,049	820	992,781	31,377	11,821,633	17,082	7,862,328
668	Ludington, Mich	61	1,852,865	513,150	142,900	333,180	863,635	56	30	32,195	763	350,674	674	332,653
669	Ludlow, Ky	35	462,807	12,928	127,882	174,321	147,676	45	30	21,411	726	382,995	695	376,831
670	Lynchburg, Va	168	3,445,557	159,938	434,951	1,199,849	1,650,819	214	111	109,247	2,452	731,206	1,822	648,504
671	Lyndon, Vt	38	159,129	17,250	51,500	15,859	74,520	42	39	18,424	71	20,501	54	17,038
672	Lynn, Mass	776	17,011,761	484,726	1,276,559	3,279,871	11,970,605	959	1,231	980,868	17,492	8,576,042	12,352	6,948,745
673	Lyons, N. Y	80	713,840	53,125	114,200	167,481	379,034	93	62	27,807	288	119,395	254	111,071
674	McKeesport, Pa	180	17,876,016	2,066,593	3,106,296	6,178,573	6,524,554	199	523	497,822	7,605	4,370,381	7,331	4,302,201
675	McKees Rocks, Pa	34	14,990,471	604,550	917,753	1,009,228	12,458,940	32	220	90,188	2,055	1,206,476	2,010	1,197,355
676	McPherson, Kans	35	138,602	6,950	39,800	35,932	55,920	40	7	3,200	67	26,410	55	24,441
677	Macomb, Ill	73	425,871	42,790	108,809	103,804	170,468	85	32	22,142	364	142,474	314	132,230
678	Macon, Ga	182	5,076,005	307,716	823,563	1,605,206	2,339,520	173	263	272,138	3,700	1,047,437	2,762	893,430
679	Madison, Ind	111	1,553,444	60,170	284,507	447,337	761,430	112	74	63,362	1,011	346,832	699	294,392
680	Madison, Wis	195	3,840,042	295,403	432,851	761,018	2,350,770	227	219	178,080	1,805	826,596	1,616	772,423
681	Mahanoy City, Pa	99	607,059	82,950	276,346	148,271	149,492	112	31	20,488	474	131,582	270	99,630
682	Malden, Mass	242	5,906,279	322,972	511,851	852,160	4,219,296	261	129	133,575	3,082	1,520,658	1,907	1,131,048
683	Malone, N. Y	116	593,853	55,885	87,675	151,117	299,176	136	26	19,114	508	201,364	381	171,945
684	Manchester, Conn	93	7,330,806	160,100	1,117,850	1,379,689	4,673,167	98	137	217,290	3,118	1,370,656	1,870	961,899
685	Manchester, N. H	577	22,426,125	1,708,846	2,417,374	6,122,417	12,177,488	605	344	456,258	19,032	7,030,966	10,302	4,410,687
686	Manchester, Va	36	763,043	51,100	185,139	211,667	315,137	39	63	56,089	923	372,809	781	343,643
687	Manhattan, Kans	50	126,820	17,105	32,455	37,103	40,157	60	8	4,770	82	31,382	64	27,725
688	Manheim, Pa	58	157,490	14,060	41,085	26,179	76,166	59	9	3,634	334	76,903	138	42,742
689	Manistee, Mich	140	5,608,707	2,055,805	625,423	930,553	1,996,926	133	105	99,194	1,745	772,354	1,637	749,652
690	Manitowoc, Wis	135	2,581,869	265,434	600,316	534,652	1,181,467	161	84	79,525	1,146	427,218	1,044	413,180
691	Mankato, Minn	135	1,371,907	169,205	250,724	401,083	550,895	162	92	78,185	683	242,742	503	204,696
692	Mansfield, Mass	52	557,480	24,760	93,808	110,311	328,601	59	23	51,314	571	274,840	412	232,352
693	Mansfield, Ohio	251	5,760,746	220,725	567,027	981,780	3,991,214	293	354	317,359	3,160	1,217,457	2,460	1,078,027
694	Marblehead, Mass	100	469,859	25,682	68,113	134,144	241,920	124	15	11,476	1,032	411,372	743	332,401
695	Marietta, Ga	32	697,254	55,750	99,167	183,977	358,360	33	40	34,719	680	179,457	588	170,533
696	Marietta, Ohio	278	2,189,345	295,955	353,394	459,272	1,080,724	335	151	122,607	2,183	938,315	1,942	890,017
697	Marietta, Pa	37	849,538	24,950	143,560	126,736	554,292	33	30	24,760	674	210,151	492	173,922
698	Marine City, Mich	38	249,362	16,975	74,000	77,370	81,017	44	9	5,620	148	69,582	141	67,832
699	Marinette, Wis	103	8,070,648	3,796,476	526,995	1,183,106	2,564,071	98	92	129,727	1,833	743,937	1,693	713,839
700	Marion, Ind	163	3,587,672	241,115	759,364	909,802	1,677,391	184	190	160,149	3,109	1,475,371	2,513	1,336,971
701	Marion, Iowa	55	113,970	12,700	23,955	35,760	41,555	69	2	1,800	79	35,066	62	31,464
702	Marion, Ohio	84	3,340,321	345,526	408,979	348,579	2,237,237	78	132	126,013	1,552	699,065	1,466	683,326
703	Marlboro, Mass	142	2,191,860	141,769	365,505	343,108	1,341,478	144	74	100,752	2,780	1,304,301	1,791	967,744
704	Marlin, Tex	40	232,792	29,525	46,593	70,495	86,179	40	2	2,614	93	37,042	87	35,020
705	Marquette, Mich	78	1,565,390	420,012	214,277	289,648	641,453	87	61	71,416	645	344,930	604	330,384
706	Marshall, Mich	86	461,692	53,250	111,486	117,739	179,217	97	100	37,940	336	144,280	276	130,793
707	Marshall, Tex	46	892,316	41,276	166,975	276,908	407,157	45	28	28,555	638	383,315	612	377,995
708	Marshalltown, Iowa	147	5,866,270	1,475,580	1,567,495	1,696,668	1,126,527	170	107	109,286	1,399	654,227	1,306	636,427
709	Marshfield, Wis	63	429,525	30,420	65,192	75,530	258,383	66	19	17,740	372	135,354	334	127,445
710	Martinsburg, W. Va	101	1,633,024	211,357	356,612	483,231	581,824	103	56	46,384	1,105	282,921	606	195,868
711	Martins Ferry, Ohio	50	1,802,871	167,055	287,208	663,281	685,327	56	59	66,888	967	543,416	836	509,691
712	Martinsville, Va	22	461,780	11,150	48,450	56,865	345,315	27	51	41,260	310	110,131	403	80,036
713	Marysville, Ohio	47	179,325	20,500	27,775	47,120	83,930	68	9	5,950	236	82,699	210	77,640
714	Maryville, Mo	69	180,075	26,700	37,550	43,515	72,310	84	9	3,890	155	66,789	126	60,489
715	Mason City, Iowa	89	351,868	56,300	63,317	87,238	145,013	103	26	19,336	376	167,211	322	156,336
716	Massillon, Ohio	134	4,444,400	328,928	505,284	972,200	2,637,988	149	122	121,335	1,836	914,245	1,677	881,987

TOWNS, AND VILLAGES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.				MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.										
246	$79,483	25	$5,157	$39,781	$9,168	$7,452	$23,161	----------	$641,288	$616,408	$24,880	$1,063,669	637
20	4,291	----------	----------	52,658	6,296	3,337	42,498	$527	690,859	676,874	13,985	956,680	638
71	17,502	27	3,166	44,033	3,041	3,416	31,126	6,450	89,358	83,507	5,851	324,162	639
1,137	379,248	47	9,322	368,417	26,408	23,412	280,502	38,095	2,986,707	2,911,365	75,342	5,856,174	640
94	23,023	2	272	262,162	6,490	5,367	249,105	1,200	497,716	465,939	31,777	1,137,210	641
520	150,866	50	12,000	115,039	17,748	3,325	86,667	7,299	2,941,777	2,927,932	13,845	3,964,112	642
72	14,004	----------	----------	11,286	2,417	997	7,872	----------	310,212	304,603	5,609	469,221	643
3,164	898,725	158	29,398	596,854	45,111	110,412	395,780	45,551	4,103,801	3,957,673	146,128	8,581,354	644
31	7,846	9	1,240	41,760	5,036	1,587	24,772	10,365	562,710	542,013	20,697	984,234	645
200	38,023	28	2,467	263,536	46,349	13,017	144,884	59,286	1,492,152	1,456,473	35,679	3,033,007	646
4	800	----------	----------	7,524	2,605	548	453	3,918	28,874	23,855	5,019	77,564	647
384	80,073	1	177	277,408	32,167	18,663	180,647	45,931	4,156,028	4,008,348	147,680	6,705,136	648
40	10,740	4	552	48,197	11,211	3,246	26,780	6,960	287,892	278,693	9,199	642,375	649
233	63,307	18	2,470	266,160	55,918	15,178	144,677	50,387	2,173,345	2,119,929	53,416	4,105,951	650
1,145	365,466	169	34,250	105,449	4,533	38,262	59,579	3,075	1,817,256	1,734,275	82,981	3,743,875	651
278	73,978	18	2,994	141,628	1,073	15,172	125,383	----------	1,038,116	985,118	52,998	1,820,291	652
16	4,807	8	1,380	18,845	4,697	1,553	12,345	250	99,024	94,757	4,267	292,278	653
11	2,964	5	607	93,261	5,229	41,090	45,942	1,000	1,416,892	1,399,316	17,576	2,139,427	654
1,385	355,752	120	18,077	298,162	17,875	15,829	264,388	70	2,361,593	2,325,941	35,652	4,364,994	655
191	40,915	48	4,792	295,156	47,166	19,358	221,268	7,364	1,990,081	1,902,129	87,952	4,723,118	656
227	54,982	22	4,427	27,103	5,110	2,922	17,339	1,732	568,993	562,698	6,295	952,829	657
24	6,546	13	2,822	228,010	4,391	14,905	73,664	135,050	1,232,579	1,180,931	51,648	2,300,960	658
12	2,549	3	768	37,053	3,755	2,117	27,141	4,040	1,168,118	1,149,829	18,289	1,434,046	659
504	113,822	17	2,527	398,660	34,726	19,325	337,702	6,907	3,327,109	3,216,866	110,243	5,887,905	660
65	12,424	11	1,279	14,453	4,054	2,869	7,222	308	218,491	214,651	3,840	375,055	661
187	38,542	18	3,004	139,096	22,091	15,730	101,275	----------	1,286,651	1,263,380	23,271	2,681,784	662
83	20,494	40	9,579	615,457	3,291	16,764	576,532	18,870	6,544,799	5,792,078	752,721	9,547,952	663
1,465	381,042	190	35,073	1,513,393	346,853	63,197	792,341	311,002	10,572,660	10,290,368	282,292	21,297,537	664
94	14,584	5	512	233,318	5,518	2,469	212,357	12,974	365,794	353,241	12,553	908,088	665
5,175	1,136,945	1,403	170,213	13,145,595	462,452	286,338	11,618,542	778,263	41,016,391	40,369,370	647,021	78,746,390	666
12,986	3,710,401	1,309	248,904	4,639,877	234,276	413,044	3,814,451	178,106	21,727,844	21,132,505	595,339	44,774,525	667
71	16,216	18	1,805	83,810	4,210	18,990	50,959	9,651	1,188,854	1,146,677	42,177	2,188,412	668
27	5,514	4	650	34,381	3,564	3,577	17,240	10,000	566,689	556,042	10,647	1,077,556	669
446	70,551	184	12,151	684,713	32,644	12,021	563,998	76,050	2,331,380	2,270,192	61,188	4,503,037	670
16	3,328	1	185	24,352	1,913	1,084	21,055	300	91,049	90,093	956	221,290	671
5,035	1,600,722	105	26,575	2,270,595	320,791	75,271	1,618,382	256,151	25,456,798	25,240,548	216,250	41,633,845	672
33	8,167	1	157	45,061	4,974	3,748	36,304	35	546,390	536,689	9,701	881,939	673
96	24,269	178	43,911	428,226	29,594	37,797	300,886	59,949	22,309,161	21,007,172	1,301,989	37,074,136	674
2	500	43	8,621	539,720	2,266	5,759	129,695	402,000	2,517,940	2,384,586	133,354	4,288,935	675
12	1,969	----------	----------	7,279	1,985	953	4,321	20	246,630	239,895	6,735	330,714	676
29	6,936	21	3,308	28,417	8,231	2,236	13,450	4,500	165,899	136,083	29,816	465,453	677
669	114,249	269	39,758	445,078	37,433	39,092	341,738	26,815	3,741,167	3,652,863	88,304	6,495,767	678
296	51,280	16	1,160	107,266	9,424	14,072	83,770	----------	1,176,754	1,153,298	23,456	2,145,838	679
160	50,000	29	4,173	347,383	31,202	11,993	264,711	39,477	1,457,387	1,407,961	49,426	3,508,808	680
180	28,998	24	2,954	119,879	7,416	3,980	108,533	----------	230,275	223,183	7,092	648,645	681
1,132	381,848	43	7,762	790,518	39,902	74,263	563,043	113,310	4,607,400	4,549,587	57,813	7,959,292	682
125	29,211	2	208	32,610	9,110	3,385	19,665	450	581,929	574,431	7,498	985,797	683
1,224	401,807	24	6,950	194,812	7,247	26,719	139,364	21,482	3,084,627	3,009,460	75,167	5,939,943	684
8,236	2,511,181	494	109,098	1,548,205	136,448	236,948	1,161,916	12,893	14,755,640	14,383,556	372,084	26,607,600	685
114	24,475	28	4,691	56,641	6,374	3,857	43,410	3,000	1,178,131	1,153,486	24,645	1,746,192	686
18	3,657	----------	----------	9,468	3,791	1,176	4,411	90	142,411	138,614	3,797	253,963	687
179	31,749	17	2,412	36,158	1,299	316	33,541	1,002	273,015	270,237	2,778	450,698	688
76	16,763	32	5,939	265,974	9,926	97,484	154,990	3,574	1,840,630	1,807,968	32,662	3,886,420	689
99	13,834	3	204	230,858	20,605	11,329	146,759	52,165	1,018,440	982,349	36,091	2,268,348	690
137	32,197	43	5,849	87,620	14,210	9,614	62,659	1,137	1,513,182	1,472,675	40,507	2,242,000	691
159	42,488	----------	----------	25,428	2,263	3,485	15,053	4,627	485,531	475,376	10,155	1,035,804	692
692	138,013	8	1,417	307,182	30,171	22,294	254,017	700	3,195,033	3,122,063	72,970	7,084,509	693
289	78,971	----------	----------	35,175	9,893	2,917	15,865	6,500	811,180	801,691	9,489	1,410,406	694
24	4,055	68	4,869	37,974	3,433	4,062	30,479	----------	385,439	373,041	12,398	762,688	695
197	42,336	44	5,962	214,726	20,098	18,186	100,877	75,565	1,899,637	1,846,988	52,649	3,895,498	696
153	33,670	29	2,559	33,986	3,184	897	24,563	5,342	651,529	524,012	127,517	1,125,701	697
7	1,750	----------	----------	14,847	3,680	2,112	8,555	500	173,740	155,039	18,701	298,537	698
128	28,280	12	1,818	329,036	11,068	93,227	224,534	207	2,495,581	2,470,451	25,130	4,659,712	699
306	71,427	290	66,973	296,907	22,503	17,083	255,053	2,268	2,487,417	2,390,844	96,573	5,170,435	700
17	3,602	----------	----------	9,627	4,294	883	4,250	200	117,978	114,998	2,980	244,545	701
64	13,164	22	2,575	306,033	11,378	25,128	268,227	1,300	1,200,756	1,127,509	73,247	2,841,903	702
900	315,639	89	20,918	183,801	22,410	13,995	144,983	2,413	3,057,414	3,036,251	21,163	4,986,399	703
5	1,902	1	120	13,063	2,832	1,635	8,596	----------	182,550	176,881	5,669	330,570	704
41	14,546	----------	----------	186,411	11,437	6,797	149,951	18,226	1,128,736	1,058,598	70,138	2,005,486	705
59	13,331	1	156	135,842	5,553	8,294	124,995	2,000	322,695	315,547	7,148	820,254	706
16	4,185	10	1,135	51,300	5,085	7,325	37,890	1,000	674,750	655,329	19,421	1,283,847	707
89	17,405	4	395	190,154	22,937	8,663	158,554	----------	3,120,658	3,003,687	116,971	4,587,240	708
21	4,519	17	3,390	46,689	2,289	2,319	37,804	4,277	349,313	341,352	7,961	709,144	709
442	81,610	57	5,443	113,757	7,277	5,920	59,754	40,806	832,551	813,049	19,502	1,410,514	710
106	31,216	25	2,509	90,518	1,949	10,346	78,148	75	1,953,872	1,816,604	137,268	2,968,648	711
141	13,769	266	16,326	304,280	3,111	4,429	296,740	----------	262,233	257,935	4,298	781,286	712
25	4,859	1	200	20,506	4,122	1,486	13,398	1,500	165,241	160,146	5,095	347,283	713
24	5,592	5	708	15,489	6,449	1,186	7,854	----------	160,015	153,595	6,420	333,883	714
52	10,733	2	142	21,013	7,001	2,339	10,623	1,050	330,110	312,045	18,065	705,460	715
53	11,316	106	20,942	172,155	11,148	10,221	150,286	500	1,563,257	1,494,820	68,437	3,404,012	716

TABLE 3.—SUMMARY FOR 1,341 CITIES,

	Cities, towns, and villages.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Total. Wages.	Men, 16 years and over. Average number.	Men, 16 years and over. Wages.
717	Matteawan, N. Y	43	$1,119,745	$29,257	$204,537	$161,250	$724,701	42	40	$97,449	785	$322,633	580	$270,827
718	Mattoon, Ill	138	549,525	50,645	102,610	197,337	198,933	163	41	23,072	866	386,980	775	367,960
719	Mauch Chunk, Pa	34	366,370	21,750	68,670	95,671	180,279	35	15	14,312	323	143,714	294	138,048
720	Mayfield, Ky	45	954,448	22,100	72,302	115,571	744,475	52	10	8,040	324	100,992	149	62,940
721	Maynard, Mass	43	2,349,645	403,425	459,050	411,775	1,075,395	42	26	68,517	838	345,480	566	262,048
722	Maysville, Ky	95	1,125,147	127,087	174,984	265,085	557,991	119	60	50,793	644	194,055	473	172,082
723	Meadville, Pa	135	1,415,783	62,480	255,650	562,069	535,584	151	97	74,532	1,445	648,020	1,250	603,944
724	Mechanicsburg, Pa	58	482,155	42,245	78,580	153,985	207,345	60	25	13,920	444	173,840	358	161,147
725	Mechanicsville, N. Y	66	2,652,410	130,907	973,757	877,923	669,823	80	32	74,356	1,150	505,732	898	429,776
726	Medford, Mass	141	1,328,106	217,783	255,039	259,171	596,113	149	65	73,862	968	487,793	884	463,015
727	Media, Pa	40	235,997	31,720	66,250	59,076	78,951	44	5	4,410	170	75,309	162	73,709
728	Medina, N. Y	54	786,744	117,925	125,207	165,846	377,766	63	41	39,661	568	217,835	511	208,201
729	Melrose, Mass	106	3,296,048	160,937	256,745	226,622	2,651,744	134	84	88,068	1,428	695,422	865	503,419
730	Memphis, Tenn	659	11,189,249	1,511,199	1,583,598	3,091,124	5,003,328	715	513	625,135	8,433	3,641,435	7,660	3,433,206
731	Menasha, Wis	57	3,439,690	412,294	970,149	621,132	1,436,115	58	48	68,477	1,575	570,019	1,372	532,549
732	Menominee, Mich	90	5,451,446	1,683,550	413,541	715,250	2,639,105	83	93	133,565	1,968	912,016	1,895	894,372
733	Menominee, Wis	50	3,498,474	1,947,694	168,898	549,877	832,005	58	45	47,196	698	323,412	655	315,209
734	Meriden, Conn	260	16,699,004	1,143,532	2,053,290	4,098,124	9,404,058	262	435	690,756	7,531	3,702,240	6,021	3,266,697
735	Meridian, Miss	119	1,923,590	205,359	278,229	849,889	590,113	126	70	75,151	1,416	555,409	1,241	524,588
736	Merrill, Wis	69	3,520,126	1,433,611	138,580	330,873	1,617,062	75	44	67,158	1,694	667,757	1,540	634,762
737	Merrimac, Mass	40	252,812	17,850	27,350	27,543	180,569	47	9	10,140	252	114,739	250	114,364
738	Methuen, Mass	74	1,203,412	84,982	268,292	267,389	582,749	86	21	23,931	726	302,934	457	215,559
739	Metropolis, Ill	44	259,481	12,380	44,900	79,370	122,831	48	9	8,892	243	86,442	176	73,173
740	Mexico, Mo	84	261,617	24,375	38,815	94,027	104,400	94	10	5,600	194	68,230	155	62,112
741	Miamisburg, Ohio	66	1,500,248	45,990	189,233	199,797	1,065,228	64	53	64,199	1,006	400,143	817	360,274
742	Michigan City, Ind	82	4,242,355	105,683	443,622	636,910	3,056,140	81	91	104,119	2,930	1,045,245	2,430	960,900
743	Middleboro, Mass	110	1,034,730	71,706	133,796	233,121	596,107	131	51	34,870	1,081	510,724	845	424,641
744	Middleport, Ohio	38	197,039	20,131	39,332	57,085	80,491	39	19	11,204	225	69,325	200	66,125
745	Middletown, Conn	188	5,100,485	348,664	851,250	1,199,573	2,700,998	203	155	171,400	2,916	1,199,713	1,969	951,731
746	Middletown, Ind	23	430,087	12,650	47,576	227,243	142,618	23	7	5,733	267	185,482	264	184,898
747	Middletown, N. Y	108	2,060,834	261,976	337,746	574,176	886,936	125	58	58,778	1,553	650,123	1,159	570,001
748	Middletown, Ohio	92	4,207,731	98,050	594,629	1,196,717	2,318,335	92	264	319,825	1,951	770,656	1,473	639,125
749	Middletown, Pa	50	2,323,876	217,975	460,907	781,920	863,074	49	48	52,099	1,572	556,818	1,372	516,625
750	Milford, Conn	43	365,464	10,475	35,025	62,533	257,431	45	19	22,833	325	137,326	199	101,758
751	Milford, Mass	129	1,240,782	66,435	149,835	394,063	630,449	161	84	76,202	1,554	773,144	1,102	615,760
752	Milford, N. H	77	856,565	72,753	151,287	224,637	407,888	91	36	31,275	646	276,876	494	235,787
753	Millbury, Mass	54	1,047,897	56,972	177,468	293,139	520,318	52	18	18,240	694	270,862	439	200,406
754	Millvale, Pa	37	319,149	45,775	80,725	116,217	76,432	38	20	13,862	119	70,609	115	69,967
755	Millville, N. J	47	3,229,206	194,250	839,873	423,993	1,771,090	50	154	161,398	2,290	1,115,696	1,569	957,417
756	Milton, Mass	58	291,284	32,750	59,550	78,421	120,563	64	10	5,392	335	189,920	290	177,740
757	Milton, Pa	60	1,950,893	91,360	265,795	580,997	1,012,741	69	57	58,398	1,421	534,674	1,228	494,917
758	Milwaukee, Wis	3,342	110,363,854	15,666,499	12,590,681	18,063,162	64,043,512	3,586	4,352	4,481,829	48,328	20,240,656	37,836	18,163,139
759	Minersville, Pa	36	75,177	8,075	20,075	24,104	22,923	38	1	520	84	25,290	35	16,341
760	Mingo Junction, Ohio	12	2,921,086	106,950	528,425	1,973,523	312,188	9	32	72,530	944	566,645	943	566,385
761	Minneapolis, Minn	2,368	57,708,204	8,424,632	6,917,174	13,766,617	28,599,781	2,603	2,606	2,428,396	26,608	12,708,523	22,328	11,612,118
762	Mishawaka, Ind	56	3,942,030	171,318	388,144	476,367	2,906,201	50	166	260,754	1,761	843,922	1,627	803,156
763	Moberly, Mo	84	551,453	57,900	160,850	182,315	150,388	91	45	41,863	766	353,641	717	345,370
764	Mobile, Ala	222	3,294,238	318,100	539,886	1,144,478	1,291,774	238	203	173,810	2,827	1,139,605	2,686	1,114,037
765	Moline, Ill	157	11,165,701	594,496	881,600	1,415,632	8,273,973	146	353	385,237	4,438	2,289,722	4,318	2,257,951
766	Monmouth, Ill	101	1,076,184	66,097	227,712	194,813	587,562	108	73	67,183	817	386,279	750	365,947
767	Monongahela, Pa	58	805,861	64,758	145,770	263,772	331,561	65	30	25,944	438	288,310	414	282,864
768	Monroe, Mich	86	374,889	20,954	56,842	105,664	191,429	97	32	17,317	372	139,505	338	134,583
769	Monroe, Wis	62	321,026	11,700	81,350	66,230	131,746	76	14	7,838	217	86,813	189	82,062
770	Monson, Mass	43	690,481	89,040	133,200	165,280	302,961	51	14	17,850	523	234,606	355	164,591
771	Montague, Mass	60	2,653,595	216,018	726,343	757,359	953,875	58	47	81,039	1,208	554,186	887	466,851
772	Montclair, N. J	197	1,037,352	164,400	215,000	228,151	429,801	207	30	29,550	1,092	619,079	1,029	601,336
773	Montgomery, Ala	163	2,930,782	243,950	479,578	1,006,895	1,200,359	196	204	163,537	2,359	802,188	1,856	711,533
774	Montpelier, Ind	60	196,862	57,950	60,000	33,620	45,292	75	5	2,900	238	123,080	219	119,530
775	Montpelier, Vt	121	950,624	80,100	93,400	264,268	512,856	158	57	53,433	1,019	510,450	919	485,566
776	Montville, Conn	27	1,229,620	69,886	177,919	267,342	714,473	29	32	42,873	655	215,810	420	151,637
777	Moorhead, Minn	23	134,034	17,050	19,400	56,219	41,365	24	6	4,310	77	39,010	71	38,098
778	Morris, Ill	103	848,765	23,750	131,758	149,523	543,734	120	27	50,169	521	162,672	454	150,071
779	Mt. Carmel, Ill	52	249,527	22,275	57,175	75,760	94,317	62	5	3,681	213	83,506	206	82,191
780	Mt. Clemens, Mich	78	403,273	57,580	84,440	101,335	159,918	92	20	13,394	328	130,212	312	126,723
781	Mt. Holly, N. J	61	460,559	40,350	95,159	146,171	178,879	67	28	21,180	493	167,178	286	117,007
782	Mt. Morris, N. Y	51	341,799	13,250	40,165	82,038	206,346	58	15	11,560	247	76,412	148	60,241
783	Mt. Pleasant, Mich	58	242,593	20,175	32,332	85,321	104,765	51	17	15,716	262	90,626	245	87,291
784	Mt. Sterling, Ky	52	253,825	19,000	46,450	76,515	111,860	59	9	6,004	131	35,163	110	30,298
785	Mt. Vernon, Ill	45	409,489	8,240	69,225	139,876	192,148	46	15	18,304	384	169,898	358	164,432
786	Mt. Vernon, Ind	86	713,217	121,661	150,875	190,232	250,449	103	22	15,112	362	147,567	347	144,577
787	Mt. Vernon, Ohio	93	830,061	62,200	172,375	296,691	298,795	110	62	52,345	853	383,638	799	372,117
788	Muncie, Ind	347	7,793,832	671,242	1,130,562	2,606,510	3,385,518	343	227	319,109	6,294	3,067,748	5,703	2,930,150
789	Murphysboro, Ill	61	504,139	33,900	134,625	159,855	175,759	69	25	25,333	392	176,925	353	168,229
790	Muscatine, Iowa	247	3,725,971	211,295	308,201	651,707	2,554,768	295	140	132,675	2,835	1,055,904	2,312	951,694
791	Muskegon, Mich	200	4,602,390	1,083,428	444,264	832,399	2,242,299	203	172	153,976	3,235	1,185,697	2,553	1,057,066
792	Nanticoke, Pa	73	328,414	27,876	89,103	121,553	89,882	83	12	6,166	207	73,161	114	61,168
793	Napa, Cal	76	1,054,634	62,075	159,740	260,765	572,054	85	31	23,030	534	203,857	359	161,855
794	Napoleon, Ohio	78	448,500	30,300	88,725	93,025	236,450	94	13	7,395	233	91,822	205	85,530
795	Nashua, N. H	251	9,587,390	385,900	1,313,989	2,720,856	5,166,645	253	207	204,657	6,442	2,633,398	4,221	1,931,675
796	Nashville, Tenn	489	13,173,422	960,910	2,338,469	4,154,652	5,719,391	587	1,048	888,467	8,447	2,889,241	6,360	2,447,858

TOWNS, AND VILLAGES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.				MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
161	$45,114	44	$6,692	$77,365	$9,265	$4,581	$63,519	----------	$643,749	$617,619	$26,130	$1,224,025	717
83	17,923	8	1,097	80,556	12,145	5,133	18,238	$45,040	550,616	533,860	16,756	1,232,821	718
28	5,546	1	120	22,802	3,889	1,668	16,445	800	251,282	247,594	3,688	506,252	719
160	36,582	15	1,470	13,001	3,114	4,533	4,644	710	373,253	366,184	7,069	607,499	720
221	73,466	51	9,966	48,569	2,731	13,331	28,837	3,670	833,742	807,430	26,312	1,534,003	721
100	16,579	71	5,394	52,770	10,125	7,056	34,589	1,000	621,730	609,677	12,053	1,207,560	722
194	43,926	1	150	77,057	13,616	1,748	54,481	7,212	1,099,379	1,075,688	23,691	2,159,110	723
71	11,039	15	1,654	22,811	3,160	1,217	18,434	----------	313,820	303,811	10,009	636,083	724
246	74,456	6	1,500	261,641	6,279	9,433	208,295	37,634	1,014,400	920,376	94,024	2,186,005	725
72	22,849	12	1,929	117,441	18,721	10,887	72,708	15,125	896,460	847,822	48,638	1,907,624	726
8	1,600	----------	----------	27,418	4,050	1,252	12,416	9,700	87,575	85,296	2,279	279,436	727
31	7,055	26	2,579	31,675	5,804	2,547	23,324	----------	510,854	489,969	20,885	1,032,632	728
549	189,675	14	2,328	456,120	10,919	45,858	388,173	11,170	2,403,575	2,382,952	20,623	3,945,580	729
586	174,961	187	33,268	1,078,649	204,136	96,078	716,989	61,446	9,656,969	9,453,977	202,992	17,923,059	730
147	30,398	56	7,072	212,065	2,950	35,107	174,008	----------	1,365,592	1,279,670	85,922	2,751,270	731
63	15,844	10	1,800	287,816	10,218	62,450	214,698	450	2,615,528	2,601,404	14,124	4,685,324	732
15	2,652	28	5,551	65,637	2,732	41,806	20,749	350	977,536	954,497	23,039	1,533,139	733
1,435	420,506	75	15,037	1,085,142	47,614	81,540	851,388	104,600	5,861,612	5,686,116	175,496	13,485,640	734
97	23,946	78	6,875	131,938	13,342	20,861	97,153	582	1,700,655	1,668,885	31,770	2,980,217	735
28	6,911	126	26,084	130,628	3,030	36,530	88,950	2,118	2,329,566	2,324,901	4,665	4,150,272	736
2	375	----------	----------	16,924	4,033	1,815	11,076	----------	200,791	195,649	5,142	391,793	737
243	81,764	26	5,611	81,315	7,140	10,305	53,764	10,106	694,506	668,350	26,156	1,273,920	738
25	6,193	42	7,076	16,100	2,658	1,571	11,341	530	241,357	237,043	4,314	451,325	739
32	5,574	7	544	23,423	6,389	1,005	16,029	----------	215,074	207,573	7,501	415,894	740
170	36,421	19	3,448	83,122	4,668	6,895	71,559	----------	1,300,713	1,281,481	19,232	2,131,005	741
367	65,705	133	18,640	267,048	5,589	11,132	205,464	44,863	4,007,823	3,945,206	62,617	6,129,001	742
227	84,881	9	1,202	101,421	16,745	7,860	60,616	16,200	1,293,425	1,276,573	16,852	2,298,946	743
8	1,490	17	1,710	13,022	2,756	1,971	7,395	900	154,866	145,637	9,229	338,312	744
790	221,926	157	26,056	237,604	18,618	20,147	168,292	30,547	2,636,493	2,571,815	64,678	4,825,649	745
2	505	1	79	19,733	977	1,536	17,020	200	599,597	597,599	1,998	926,917	746
376	78,691	18	1,431	97,252	17,051	9,730	60,971	9,500	1,443,489	1,406,519	36,970	2,426,001	747
467	130,831	11	700	2,112,601	13,226	25,424	2,073,951	----------	3,056,601	2,944,736	111,865	6,665,226	748
129	29,533	71	10,660	52,608	3,709	3,424	44,914	561	3,269,223	3,212,432	56,791	5,198,286	749
116	34,668	10	900	15,447	5,557	463	6,417	3,010	244,282	239,432	4,850	502,036	750
420	150,031	32	7,353	103,886	22,632	9,094	70,635	1,525	1,636,739	1,616,384	20,355	3,071,493	751
138	38,065	14	3,024	74,915	4,293	4,866	56,503	9,253	524,790	512,333	12,457	1,027,824	752
230	65,544	25	4,912	43,455	5,380	10,597	27,218	260	579,605	557,805	21,800	1,082,294	753
2	336	2	306	80,649	3,042	2,130	74,477	1,000	174,499	166,686	7,813	466,389	754
433	113,927	288	44,352	177,308	3,452	17,776	154,874	1,206	964,554	815,331	149,223	2,610,332	755
41	11,555	4	625	33,278	5,354	1,263	9,286	17,375	271,787	265,866	5,921	675,793	756
154	35,446	39	4,311	86,020	7,148	3,520	75,352	----------	1,885,416	1,820,144	65,272	2,912,209	757
7,501	1,625,281	2,991	452,236	16,690,165	870,027	471,449	14,619,855	728,834	65,118,719	62,982,647	2,136,072	123,786,449	758
46	8,583	3	366	11,821	1,826	224	8,471	1,300	87,705	86,729	976	167,798	759
1	260	----------	----------	131,395	592	18,622	112,181	----------	5,526,128	4,977,937	548,191	7,563,573	760
4,090	1,060,101	190	36,304	5,237,162	670,649	216,351	3,560,745	789,417	78,175,735	77,453,060	722,675	110,943,043	761
132	40,480	2	286	184,419	3,119	14,706	162,982	3,612	1,474,313	1,451,145	23,168	3,176,773	762
34	7,052	15	1,219	42,120	8,424	5,070	25,897	2,729	421,410	400,863	20,547	950,664	763
83	20,030	58	5,538	272,987	56,366	22,336	180,395	13,890	2,046,400	1,986,002	60,398	4,451,062	764
67	23,173	53	8,598	534,861	17,643	50,443	423,908	42,867	4,922,344	4,749,646	172,698	10,000,282	765
56	18,982	11	1,350	60,020	10,192	3,764	45,864	200	664,843	609,928	54,915	1,483,535	766
17	4,320	7	1,126	56,285	4,485	2,270	38,920	10,610	337,720	315,869	21,851	841,155	767
29	4,082	5	840	40,001	6,880	2,445	30,376	300	324,186	313,733	10,453	632,495	768
24	4,179	4	572	58,712	5,084	1,537	46,993	5,098	200,530	192,225	8,305	455,899	769
163	69,127	5	888	64,438	2,283	4,037	58,118	----------	410,372	400,799	9,573	876,123	770
264	75,451	57	11,884	113,694	4,435	31,446	76,963	850	847,319	734,096	113,223	1,985,693	771
62	17,643	1	100	93,462	22,506	7,229	55,377	8,350	1,140,753	1,128,774	11,979	2,246,817	772
360	74,887	143	15,768	342,890	36,577	28,038	276,712	1,563	2,902,054	2,840,353	61,701	5,035,190	773
19	3,550	----------	----------	9,611	3,525	1,856	4,230	----------	346,119	342,674	3,445	638,640	774
99	24,534	1	350	66,065	17,779	5,971	37,435	4,880	614,969	591,509	23,460	1,591,958	775
203	58,505	32	5,668	50,514	1,366	6,054	42,544	550	788,588	769,039	19,549	1,252,067	776
3	584	3	328	9,525	2,189	727	6,609	----------	372,341	362,183	10,158	490,243	777
29	8,060	38	4,541	126,896	7,181	3,038	108,830	7,847	729,675	714,321	15,354	1,273,095	778
6	1,240	1	75	9,460	2,347	1,462	4,801	850	131,125	127,183	3,942	285,066	779
14	3,196	2	293	48,410	7,803	2,164	38,247	196	220,980	213,743	7,237	533,207	780
185	47,474	22	2,697	34,014	6,968	2,070	15,611	9,365	388,130	382,779	5,351	699,188	781
82	14,121	17	2,050	25,711	4,417	1,166	19,125	1,003	313,038	308,996	4,042	510,129	782
17	3,335	----------	----------	18,178	3,254	3,241	11,533	150	187,163	185,488	1,675	389,916	783
19	4,710	2	155	15,059	5,137	2,095	6,759	1,068	140,268	135,855	4,413	263,954	784
16	3,546	10	1,920	17,787	2,833	1,181	13,593	180	976,524	973,043	3,481	1,249,744	785
10	2,434	5	556	31,486	4,459	3,424	19,578	4,025	999,168	987,695	11,473	1,382,349	786
54	11,521	----------	----------	53,773	9,180	6,042	38,551	----------	1,073,247	1,060,719	12,528	1,716,532	787
448	103,892	143	33,706	506,279	34,717	22,338	373,404	75,820	6,690,155	6,500,480	189,675	12,106,648	788
15	4,600	24	4,096	92,474	6,038	3,258	82,578	600	455,635	447,484	8,151	896,741	789
364	80,157	159	24,053	212,703	18,652	24,320	121,366	48,365	3,773,379	3,743,119	30,260	5,791,110	790
560	113,311	122	15,320	386,488	16,687	41,708	315,531	12,562	2,631,279	2,556,585	74,694	5,097,059	791
42	6,742	51	5,251	47,646	4,824	857	41,830	135	194,244	190,621	3,623	399,678	792
153	38,452	22	3,550	86,688	10,373	6,545	69,770	----------	795,285	779,281	16,004	1,245,105	793
27	6,117	1	175	25,045	3,859	2,498	18,638	50	295,390	287,807	7,583	541,572	794
2,134	679,626	87	22,097	574,497	45,759	67,332	461,003	403	6,470,716	6,353,233	117,483	11,037,676	795
1,700	377,451	387	43,932	1,440,394	117,628	87,471	906,884	328,411	10,472,173	10,297,271	174,902	18,469,823	796

TABLE 3.—SUMMARY FOR 1,341 CITIES,

	Cities, towns, and villages.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Total. Wages.	Men, 16 years and over. Average number.	Men, 16 years and over. Wages.
797	Natchez, Miss	48	$1,389,691	$156,983	$221,696	$578,870	$432,142	46	47	$38,418	746	$209,556	493	$159,400
798	Natick, Mass	154	1,061,320	34,580	139,505	214,650	672,585	178	40	30,149	1,502	726,137	1,089	603,364
799	Naugatuck, Conn	75	6,673,684	190,060	609,417	895,236	4,978,971	67	83	121,944	3,297	1,665,944	2,224	1,205,975
800	Nebraska City, Nebr	108	1,576,857	76,775	295,802	358,212	846,068	114	48	54,840	739	269,796	585	243,912
801	Neenah, Wis	74	2,183,170	282,483	497,502	734,384	668,801	78	43	47,256	616	278,096	485	248,094
802	Negaunee, Mich	32	68,467	7,700	22,877	12,335	25,555	34	2	480	68	35,874	56	32,790
803	Nelsonville, Ohio	39	224,179	18,100	64,148	43,220	98,711	43	11	8,190	200	80,115	182	76,491
804	Nevada, Mo	81	437,924	32,775	126,350	139,770	139,029	91	30	19,405	403	190,232	370	183,653
805	New Albany, Ind	208	2,996,512	226,210	425,055	887,562	1,457,685	221	110	107,676	2,430	843,680	1,796	732,515
806	Newark, N. J	3,339	103,191,403	8,571,924	15,560,685	22,158,722	56,900,072	3,635	4,509	5,534,869	49,550	23,999,442	37,094	20,518,560
807	Newark, N. Y	77	555,332	48,425	96,850	133,794	276,263	98	26	14,059	361	123,893	248	100,637
808	Newark, Ohio	208	1,793,448	164,625	364,710	411,713	852,400	234	158	124,412	2,364	925,443	2,008	841,720
809	New Bedford, Mass	618	29,073,410	1,234,080	5,191,403	12,125,407	10,522,520	681	487	566,457	16,409	6,730,793	9,704	4,576,957
810	Newbern, N. C	81	1,027,885	228,923	119,640	296,925	382,397	86	45	36,630	1,162	284,952	1,033	270,482
811	Newberry, S. C	34	1,336,625	29,100	262,283	368,060	677,182	32	27	19,840	811	175,178	455	102,392
812	New Brighton, Pa	68	2,903,449	145,241	422,929	1,218,592	1,116,687	77	90	119,447	1,482	590,589	1,207	539,837
813	New Britain, Conn	226	14,115,610	739,464	1,986,622	3,130,174	8,259,350	232	466	545,057	8,438	3,841,117	6,542	3,349,085
814	New Brunswick, N. J	193	6,028,086	345,280	815,624	1,584,808	3,282,374	201	218	260,992	3,726	1,256,034	2,095	860,870
815	Newburg, N. Y	253	5,214,536	517,200	916,680	1,297,754	2,482,902	266	310	287,839	3,926	1,665,177	2,622	1,283,261
816	Newburyport, Mass	195	3,863,199	125,712	480,362	791,436	2,465,689	192	212	206,247	3,076	1,326,719	2,073	1,040,946
817	Newcastle, Del	31	1,449,395	147,098	279,297	615,822	407,178	27	26	20,285	608	243,724	480	194,040
818	Newcastle, Ind	54	363,190	22,775	50,022	81,551	208,842	66	25	21,878	268	90,589	228	84,354
819	Newcastle, Pa	216	13,308,220	722,356	2,287,442	6,934,933	3,363,489	252	198	243,689	4,992	3,226,669	4,754	3,157,196
820	New Decatur, Ala	30	1,318,871	45,250	316,725	499,810	487,086	25	56	51,784	1,521	700,196	1,510	698,796
821	New Hartford, Conn	27	870,874	44,100	197,125	182,342	447,307	24	14	17,674	1,006	289,244	489	178,636
822	New Haven, Conn	1,236	30,463,066	2,510,318	8,645,198	7,850,302	16,457,248	1,269	1,600	1,590,241	20,536	10,016,571	15,393	8,547,342
823	New Haven, Pa	22	40,401	8,400	11,450	4,910	15,641	25	1	750	46	20,941	39	19,441
824	New Holland, Pa	23	76,843	3,900	22,000	16,084	34,859	27	4	3,782	81	23,894	51	18,232
825	New London, Conn	238	4,522,003	345,825	733,005	1,123,151	2,320,022	201	137	131,401	2,658	1,196,218	1,881	998,219
826	Newmarket, N. H	29	1,261,519	76,450	310,450	526,470	348,149	29	9	15,429	790	267,124	379	150,593
827	New Milford, Conn	58	783,294	47,975	220,308	151,530	363,481	67	41	47,053	526	253,231	438	221,142
828	Newnan, Ga	27	824,721	33,557	114,800	178,654	497,710	27	29	25,056	456	102,567	360	89,505
829	New Orleans, La	1,524	46,003,604	4,705,321	5,519,064	10,760,407	25,018,812	1,657	1,837	1,819,458	19,435	7,645,167	13,582	6,517,494
830	New Philadelphia, Ohio	124	859,493	47,005	182,980	342,066	287,442	130	43	35,179	653	482,182	556	465,293
831	Newport, Ky	272	2,848,435	249,235	673,643	603,408	1,322,149	311	132	142,404	2,561	1,155,361	1,885	1,020,385
832	Newport, N. H	63	610,424	20,765	49,400	156,770	383,489	70	39	37,524	737	278,771	366	171,035
833	Newport, R. I	290	2,495,679	424,925	414,320	621,644	1,034,790	340	79	63,356	1,749	1,012,782	1,532	944,589
834	Newport, Vt	23	293,336	12,100	32,523	70,813	177,900	34	12	16,016	245	84,837	184	73,279
835	Newport News, Va	123	14,999,735	1,953,982	3,239,616	1,672,219	8,133,918	133	144	214,117	5,675	2,556,938	5,303	2,503,294
836	New Rochelle, N. Y	131	3,837,269	168,240	303,949	2,927,628	437,452	140	54	38,422	715	457,658	676	447,378
837	Newton, Iowa	86	443,133	21,425	34,000	49,822	337,886	106	64	43,165	312	121,843	225	108,805
838	Newton, Kans	76	368,413	20,600	65,635	157,758	124,420	91	23	18,441	404	201,415	373	195,674
839	Newton, Mass	297	5,105,196	375,183	711,083	1,136,418	2,882,512	317	134	166,646	3,094	1,581,887	2,624	1,454,750
840	Newtown, Conn	29	449,505	4,510	72,928	64,720	307,347	29	12	21,250	312	146,122	290	142,114
841	New Ulm, Minn	90	1,097,616	57,725	863,650	267,107	409,134	111	42	55,279	423	183,987	395	178,615
842	New Whatcom, Wash	71	448,219	127,064	37,300	169,620	114,235	75	20	19,618	359	195,394	338	191,539
843	New York, N. Y	39,776	921,876,081	98,049,402	102,831,270	207,007,886	513,987,523	45,922	48,011	55,645,464	462,763	245,021,881	326,299	202,051,974
844	Niagara Falls, N. Y	265	14,821,819	666,242	1,625,888	3,228,136	9,301,553	255	398	420,499	3,518	1,690,195	2,951	1,558,157
845	Niles, Mich	78	901,507	137,300	157,750	324,590	281,867	73	34	26,218	620	223,603	502	201,259
846	Niles, Ohio	64	2,745,374	112,790	277,225	772,711	1,582,648	66	100	95,241	1,641	1,231,629	1,617	1,225,563
847	Noblesville, Ind	56	1,016,790	91,280	203,534	315,883	406,093	69	28	33,180	593	242,055	566	236,076
848	Norfolk, Va	445	6,425,099	506,425	685,162	2,025,063	3,208,449	523	333	266,227	4,334	1,571,229	3,206	1,376,071
849	Normal, Ill	21	170,695	6,350	21,890	22,105	120,350	27	7	6,800	124	45,167	91	39,168
850	Norristown, Pa	210	4,069,449	331,393	779,690	1,258,400	1,699,966	227	168	132,100	3,429	1,168,942	1,744	742,063
851	North Adams, Mass	231	14,563,492	929,982	1,828,914	3,438,648	8,365,948	253	267	472,324	6,796	2,949,010	4,585	2,283,109
852	Northampton, Mass	214	2,728,140	148,800	451,095	798,791	1,329,454	235	103	112,875	2,406	1,140,655	1,795	946,451
853	North Andover, Mass	34	1,225,212	41,170	264,460	230,471	689,111	34	34	41,492	873	420,053	717	368,906
854	North Attleboro, Mass	116	2,014,999	36,340	129,827	695,385	1,153,447	145	156	157,509	2,162	1,160,052	1,458	862,003
855	North Baltimore, Ohio	39	193,793	17,329	28,171	50,609	97,684	45	8	7,820	112	49,048	96	44,931
856	North Berwick, Me	21	312,279	31,450	25,000	42,330	213,499	31	5	5,500	229	71,006	152	57,003
857	Northbridge, Mass	31	3,826,408	94,873	828,087	769,077	2,134,371	33	44	143,384	2,648	1,130,404	2,106	987,075
858	North Brookfield, Mass	51	962,164	24,061	78,300	69,292	790,511	54	33	52,935	1,307	643,835	947	533,552
859	Northfield, Vt	56	356,110	26,345	51,891	81,675	196,199	64	11	9,100	276	112,263	209	97,843
860	North Kingstown, R. I	60	1,182,406	183,010	132,405	254,096	612,895	63	30	23,329	508	211,197	360	168,914
861	North Milwaukee, Wis	20	1,124,214	60,400	193,096	264,539	606,179	14	65	68,441	944	356,298	910	349,283
862	North Plainfield, N. J	33	142,524	13,250	32,700	22,889	73,685	35	7	6,024	147	77,704	142	76,504
863	North Smithfield, R. I	8	958,082	126,200	220,997	287,741	323,144	7	11	19,880	718	183,742	436	116,505
864	North Tonawanda, N. Y	75	5,026,841	495,688	774,006	1,010,867	2,746,280	73	139	149,761	1,718	786,639	1,591	763,785
865	Northumberland, Pa	16	238,768	7,350	46,796	15,274	169,348	18	13	6,196	267	74,940	136	53,109
866	Norwalk, Conn	247	4,129,841	367,084	592,205	1,009,719	2,160,833	265	124	150,776	3,172	1,586,509	2,350	1,321,645
867	Norwalk, Ohio	96	995,025	42,600	158,600	306,976	486,849	91	63	57,056	817	394,585	717	367,597
868	Norway, Me	40	368,801	3,705	21,975	75,610	267,511	49	14	13,040	430	166,027	272	122,089
869	Norwich, Conn	273	8,566,437	793,438	1,595,188	2,199,900	3,977,911	287	189	238,460	4,411	1,983,600	3,220	1,671,307
870	Norwich, N. Y	109	1,308,683	47,686	174,835	347,104	739,058	117	90	79,053	799	330,166	604	281,314
871	Norwood, Mass	53	2,437,949	114,177	229,300	342,411	1,752,061	55	48	51,832	1,511	859,242	1,321	802,699
872	Norwood, Ohio	52	951,314	36,500	166,895	166,081	581,838	61	39	30,743	467	203,138	422	194,810
873	Nyack, N. Y	88	796,587	77,975	116,792	232,069	369,751	92	61	50,857	719	364,533	553	317,708
874	Oakland, Cal	752	6,364,651	665,260	593,405	2,617,063	2,488,923	830	347	319,263	4,012	2,129,598	2,928	1,818,018
875	Oconto, Wis	44	2,021,860	890,845	116,460	128,835	885,720	44	27	31,716	440	201,303	419	196,397
876	Oelwein, Iowa	37	614,599	21,400	346,479	95,470	151,250	41	15	10,660	511	279,922	500	277,402

TOWNS, AND VILLAGES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.				MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
163	$32,156	90	$18,000	$130,764	$5,464	$14,072	$111,153	$75	$704,037	$678,080	$25,957	$1,270,885	797
397	119,869	16	2,904	146,368	12,922	5,621	92,775	35,050	2,094,150	2,078,344	15,406	3,298,777	798
1,041	452,107	32	7,862	323,834	24,001	34,463	235,820	29,550	6,152,981	6,055,757	97,224	9,126,199	799
143	25,084	11	800	168,662	9,294	4,774	151,224	3,370	3,625,177	3,577,826	47,351	4,582,554	800
123	28,794	8	1,208	67,774	3,196	14,472	50,054	52	980,158	913,108	67,050	1,642,414	801
10	2,784	2	300	5,583	2,506	415	1,542	1,120	57,417	55,734	1,683	143,432	802
13	3,166	5	458	12,107	2,662	1,911	7,534	------	117,257	100,713	16,544	258,148	803
29	6,135	4	444	38,160	9,628	2,654	19,878	6,000	693,372	666,880	26,492	1,046,616	804
596	105,871	38	5,294	231,771	16,860	17,289	180,207	17,415	2,364,138	2,252,628	111,510	4,179,490	805
11,133	3,258,135	1,323	222,747	10,050,907	958,213	454,109	8,023,599	614,986	67,105,944	65,663,142	1,442,802	126,954,049	806
101	20,896	12	2,360	51,418	5,184	1,972	42,739	1,523	517,257	509,334	7,923	900,974	807
281	65,723	75	18,000	228,797	19,286	13,949	167,025	28,537	1,417,157	1,375,210	41,947	3,423,186	808
5,759	1,941,115	946	212,721	1,703,408	91,280	367,662	1,204,196	40,270	12,727,776	12,307,450	420,326	25,681,671	809
93	11,414	36	3,056	39,476	6,185	4,946	28,345	------	1,069,070	1,059,500	9,570	1,704,251	810
206	53,484	150	19,302	91,724	3,430	8,697	79,597	------	640,204	615,482	24,722	1,200,892	811
200	40,096	75	10,656	108,677	6,137	5,946	94,047	2,547	1,003,463	956,329	47,134	2,195,552	812
1,681	442,228	215	49,804	956,848	36,019	73,294	642,416	205,119	5,074,396	4,863,305	211,091	12,260,782	813
1,442	363,542	189	31,622	661,944	25,069	32,858	593,014	11,003	2,929,882	2,869,765	60,117	5,812,757	814
1,223	369,492	81	12,424	354,456	59,465	29,269	234,290	31,432	3,123,590	3,016,930	106,660	6,497,088	815
961	279,516	42	6,257	358,728	30,222	21,859	289,021	17,626	3,258,571	3,212,283	46,288	5,685,768	816
71	30,834	57	18,850	50,201	1,474	3,860	44,867	------	1,450,022	1,418,300	31,722	1,838,288	817
40	6,235	------	------	22,959	3,064	1,722	13,626	4,547	288,376	283,949	4,427	538,513	818
174	53,623	64	15,850	491,336	30,377	53,691	399,043	8,225	13,646,648	12,245,897	1,400,751	21,046,842	819
4	844	7	556	81,286	1,649	5,891	72,946	800	1,833,549	1,797,355	36,194	2,976,919	820
429	96,670	88	13,938	37,237	1,252	4,876	21,009	10,100	626,927	620,899	6,028	1,089,322	821
4,884	1,428,956	259	40,273	3,181,004	289,483	193,099	2,277,087	421,335	18,493,593	18,026,797	466,796	40,762,015	822
7	1,500	------	------	2,203	1,211	320	672	------	44,473	43,829	644	90,002	823
26	5,531	4	131	36,196	653	125	4,768	30,650	78,425	77,230	1,195	165,687	824
761	195,593	16	2,406	501,879	39,620	11,483	311,604	139,172	2,804,536	2,767,231	37,305	5,569,615	825
383	107,941	28	8,590	57,884	1,609	11,285	29,990	15,000	575,577	563,421	12,156	1,044,793	826
84	30,781	4	1,308	62,530	3,342	1,743	38,375	19,070	412,697	387,042	25,655	907,907	827
19	8,240	47	4,822	43,451	1,595	6,510	35,346	------	403,963	394,315	9,648	679,189	828
5,135	1,045,171	718	82,502	4,759,877	402,741	296,591	3,771,782	288,763	43,361,525	42,635,031	726,494	63,514,505	829
92	16,291	5	598	86,576	6,154	7,759	63,931	8,732	905,007	863,521	41,486	1,820,296	830
639	130,656	37	4,320	866,620	22,869	18,783	599,905	225,063	2,017,773	1,932,149	85,624	4,888,169	831
371	107,736	------	------	39,781	5,296	2,462	31,897	126	789,017	780,755	8,262	1,274,829	832
207	66,178	10	2,015	357,015	50,159	8,599	72,444	225,813	1,406,811	1,372,125	34,686	3,442,988	833
54	10,661	7	897	19,504	2,097	1,263	16,144	------	353,444	349,182	4,262	549,522	834
49	10,068	323	43,576	297,411	21,407	12,914	200,990	62,100	3,369,545	3,275,344	94,201	6,976,670	835
35	9,584	4	696	118,898	19,556	8,708	68,079	22,555	838,829	827,093	11,736	1,811,332	836
86	12,990	1	48	44,768	7,216	2,216	24,478	10,858	244,402	240,245	4,157	666,727	837
30	5,596	1	145	38,751	8,026	4,133	13,717	12,875	652,870	639,209	13,661	982,475	838
445	122,004	25	5,133	388,922	43,836	38,418	185,818	120,850	3,065,921	3,005,674	60,247	6,322,232	839
22	4,008	------	------	23,737	878	2,039	20,820	------	597,998	577,823	20,175	878,610	840
25	5,074	3	298	128,660	7,473	5,644	113,618	1,925	1,706,462	1,666,103	40,359	2,328,347	841
13	2,705	8	1,150	31,345	10,333	4,081	16,856	75	293,237	285,481	7,756	643,931	842
180,691	41,994,472	5,773	975,435	163,170,343	24,001,559	4,286,292	81,753,149	53,129,343	709,109,412	699,552,084	9,557,328	1,371,358,468	843
557	130,202	10	1,836	862,155	57,898	37,858	699,955	66,414	5,511,437	5,095,037	416,400	9,909,228	844
117	22,144	1	200	29,273	4,618	6,270	18,210	175	731,415	690,322	41,093	1,183,793	845
24	6,066	------	------	123,647	5,043	9,005	109,599	------	3,441,219	3,145,585	295,634	5,758,129	846
26	5,809	1	170	50,885	5,625	5,848	39,012	400	868,981	841,772	27,209	1,426,287	847
1,023	180,972	105	14,186	701,597	107,723	39,827	304,594	249,453	5,283,975	5,178,011	105,964	9,397,355	848
32	5,894	1	105	76,378	1,607	254	21,088	53,429	191,753	189,327	2,426	349,255	849
1,458	391,559	227	35,320	418,854	39,878	8,738	362,918	7,320	2,467,861	2,410,849	57,012	4,821,745	850
1,890	607,344	321	58,557	836,345	35,559	65,643	668,567	66,576	5,410,262	5,209,832	200,430	11,682,663	851
581	187,818	30	6,386	274,017	35,985	19,888	175,481	42,663	1,974,433	1,911,326	63,107	4,193,486	852
139	47,307	17	3,840	70,511	1,386	14,072	50,513	4,540	655,002	630,359	24,643	1,345,589	853
694	295,967	10	2,082	137,087	39,724	10,455	82,433	4,475	1,609,569	1,574,466	35,103	3,990,731	854
16	4,117	------	------	16,052	2,673	1,214	12,165	------	100,695	96,681	4,014	243,882	855
77	14,003	------	------	23,307	592	2,521	20,194	------	206,230	200,882	5,348	343,041	856
434	123,127	108	20,202	77,821	2,269	26,893	48,659	------	1,140,798	1,088,623	52,175	3,028,661	857
344	106,560	16	3,723	79,458	3,209	7,584	66,665	2,000	2,073,095	2,063,096	9,999	3,018,676	858
67	14,420	------	------	14,983	1,410	1,554	12,019	------	339,433	333,950	5,483	561,673	859
135	39,908	13	2,375	38,200	2,944	3,553	26,603	5,100	618,450	604,801	13,649	1,100,426	860
------	------	34	7,015	64,018	1,694	3,328	47,996	11,000	1,244,288	1,218,926	25,362	1,942,777	861
2	900	3	300	20,829	6,719	613	4,497	9,000	148,399	143,814	4,585	312,816	862
248	59,443	34	7,794	46,938	1,280	2,867	42,791	------	242,830	226,845	15,985	534,224	863
118	21,269	9	1,585	282,107	10,913	18,871	250,153	2,170	4,321,875	3,827,752	494,123	6,445,836	864
122	21,112	9	719	6,766	378	828	5,560	------	224,827	218,422	6,405	360,928	865
791	259,085	31	5,779	296,075	45,532	9,840	168,795	71,908	2,261,195	2,202,470	58,725	5,097,720	866
91	25,409	9	1,579	128,038	9,122	5,903	110,579	2,434	561,996	550,402	11,594	1,336,395	867
158	43,938	------	------	23,928	5,003	2,367	16,558	------	540,371	534,098	6,273	824,900	868
1,051	290,601	140	21,692	619,238	54,673	43,875	452,585	68,105	4,321,078	4,142,953	178,125	8,388,343	869
191	48,182	4	670	115,134	11,225	2,685	69,970	31,254	801,821	781,123	20,698	1,556,696	870
186	55,598	4	950	208,085	19,011	12,265	151,797	25,012	1,823,438	1,797,642	25,796	3,348,974	871
35	6,768	10	1,560	52,839	2,739	2,799	47,301	------	430,221	425,652	4,569	820,892	872
157	44,489	9	2,836	85,233	14,520	2,565	39,232	28,916	661,966	649,312	12,654	1,321,237	873
919	280,722	165	30,858	620,459	144,220	34,555	290,928	150,756	4,277,647	4,129,441	148,206	9,174,257	874
19	4,606	2	300	79,607	1,744	34,117	40,246	3,500	1,280,541	1,278,873	1,668	1,732,887	875
10	2,420	1	100	10,081	4,447	1,188	4,446	------	337,360	321,958	15,402	674,637	876

TABLE 3.—SUMMARY FOR 1,341 CITIES,

	Cities, towns, and villages.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Total. Wages.	Men, 16 years and over. Average number.	Men, 16 years and over. Wages.
877	Ogden, Utah	157	$1,145,404	$201,685	$189,398	$372,663	$381,658	172	82	$58,360	869	$472,100	734	$446,086
878	Ogdensburg, N. Y	197	1,855,116	180,050	224,818	475,965	974,283	207	96	72,244	1,052	404,955	756	333,863
879	Oil City, Pa	158	4,578,237	323,924	583,501	969,291	2,701,521	189	119	147,572	1,992	1,038,173	1,872	1,007,906
880	Oklahoma City, Okla	101	600,039	45,875	105,900	218,935	229,329	107	35	29,613	458	204,769	435	200,744
881	Olathe, Kans	50	125,780	11,050	23,300	46,350	45,080	61	2	1,004	140	60,676	111	52,866
882	Old Town, Me	86	1,893,161	125,814	487,694	477,301	802,352	89	50	44,570	1,182	428,018	937	389,950
883	Olean, N. Y	152	5,915,740	243,244	609,007	1,412,506	3,650,983	167	152	132,928	2,011	935,932	1,914	914,076
884	Omaha, Nebr	838	34,478,014	3,990,965	7,275,340	14,219,320	8,992,389	887	1,026	907,155	7,537	3,804,076	6,209	3,464,144
885	Oneida, N. Y	104	1,301,431	87,411	223,760	235,535	754,725	121	69	64,752	790	336,266	618	293,489
886	Oneonta, N. Y	111	1,892,250	72,950	187,665	434,681	1,196,954	123	67	45,605	887	397,815	727	362,406
887	Opelika, Ala	30	148,275	8,650	16,800	52,955	69,870	34	22	12,490	214	48,028	206	47,388
888	Orange, Conn	52	1,017,066	31,539	100,565	130,617	754,345	52	26	34,296	531	252,425	426	229,573
889	Orange, Mass	81	2,770,120	84,400	191,784	601,744	1,892,192	79	82	116,118	1,315	635,682	1,093	578,100
890	Orange, N. J	284	1,937,457	149,943	221,967	313,971	1,251,576	322	77	79,758	2,712	1,428,284	2,287	1,284,986
891	Orange, Tex	18	3,321,868	1,500,224	161,715	328,822	1,331,107	16	31	41,495	764	356,005	756	353,851
892	Orangeburg, S. C	34	239,635	30,400	28,735	100,100	80,400	37	7	6,600	284	65,486	199	51,336
893	Oregon City, Oreg	37	2,733,966	220,408	463,571	1,150,586	899,401	39	28	108,197	994	367,904	866	340,290
894	Orono, Me	28	1,444,080	159,290	232,530	352,698	699,562	34	21	30,023	575	230,836	557	226,764
895	Orwigsburg, Pa	27	268,522	8,200	27,685	63,286	169,351	34	45	19,706	453	133,189	248	89,226
896	Osage, Iowa	37	82,090	12,650	16,400	18,700	34,340	45	1	420	68	29,895	53	26,932
897	Osawatomie, Kans	29	168,468	21,930	15,450	50,938	80,150	34	16	15,276	418	250,746	412	249,936
898	Oshkosh, Wis	285	8,018,038	1,129,025	838,607	1,499,013	4,551,393	297	278	268,479	4,587	1,762,410	3,629	1,529,627
899	Oskaloosa, Iowa	143	552,239	53,600	73,840	146,518	278,281	171	49	29,821	588	262,228	477	237,090
900	Ossining, N. Y[1]	137	1,357,816	165,840	213,359	213,784	764,833	156	52	94,593	892	445,238	752	407,728
901	Oswego, N. Y	207	7,322,907	347,182	1,161,655	1,732,185	4,081,885	215	273	346,689	3,845	1,543,905	2,829	1,322,913
902	Otsego, Mich	28	531,776	21,775	94,365	108,435	307,201	27	24	19,886	458	143,282	319	115,841
903	Ottawa, Ill	120	2,783,357	118,960	450,710	434,668	1,779,019	137	113	122,290	1,233	523,599	1,061	488,033
904	Ottawa, Kans	67	334,970	39,900	88,925	148,345	57,800	72	9	9,041	341	179,551	314	173,691
905	Ottumwa, Iowa	160	3,403,321	96,670	555,735	457,588	2,293,328	188	208	177,022	2,095	804,215	1,721	724,382
906	Owatonna, Minn	82	434,260	58,700	71,600	93,850	210,110	97	19	16,720	257	108,935	242	106,020
907	Owego, N. Y	82	1,023,961	30,421	80,840	298,107	614,593	94	53	47,318	402	183,524	374	178,157
908	Owensboro, Ky	159	3,308,056	278,374	439,627	503,133	2,086,922	178	189	112,767	1,582	424,736	1,198	371,142
909	Owosso, Mich	111	1,685,715	91,134	285,103	257,509	1,051,969	114	81	85,323	1,260	513,275	1,121	485,455
910	Paducah, Ky	171	2,689,121	322,540	378,804	763,774	1,224,003	175	136	108,137	2,305	918,603	1,967	857,958
911	Painesville, Ohio	77	513,621	67,025	77,795	137,108	231,693	88	34	27,872	488	165,403	442	155,412
912	Palmer, Mass	78	3,104,049	73,150	546,261	771,632	1,713,006	78	63	71,039	3,053	1,251,992	2,228	1,027,332
913	Pana, Ill	66	142,543	25,935	34,260	34,334	48,014	78	6	1,542	106	38,788	91	36,086
914	Paola, Kans	50	134,660	14,825	24,725	45,555	49,555	56	3	1,500	110	38,784	86	34,944
915	Paris, Ill	107	466,252	55,840	97,010	155,229	158,173	127	39	30,722	420	164,745	371	154,913
916	Paris, Me	35	258,158	7,316	50,250	46,180	154,412	38	12	10,222	320	104,671	305	101,681
917	Park City, Utah	22	43,714	6,500	10,250	9,567	17,397	30	------	------	24	13,531	20	12,451
918	Parkersburg, W. Va	181	2,682,887	204,100	276,435	814,830	1,387,522	197	132	117,963	1,683	677,590	1,566	657,113
919	Parsons, Kans	83	584,706	39,850	114,900	241,238	188,718	90	17	11,629	631	292,237	570	282,145
920	Passaic, N. J	185	23,279,421	682,915	2,623,627	9,362,967	10,609,912	178	441	654,094	7,102	2,778,278	4,694	2,188,550
921	Paterson, N. J	995	43,510,481	2,777,382	6,019,607	11,519,306	23,194,186	1,074	1,242	1,617,999	30,190	12,812,538	19,242	9,561,443
922	Pawtucket, R. I	534	22,399,187	2,051,770	3,725,920	5,983,459	10,638,038	556	552	781,628	12,776	5,230,268	7,464	3,687,395
923	Peabody, Mass	161	4,437,229	273,200	687,191	706,678	2,770,160	185	148	150,379	2,881	1,384,126	2,703	1,332,558
924	Peekskill, N. Y	153	1,712,335	167,000	251,678	314,328	979,329	171	102	101,886	1,524	751,833	1,095	611,612
925	Pekin, Ill	118	2,431,244	94,890	289,295	749,599	1,297,460	124	69	83,376	787	384,654	764	379,602
926	Pembroke, N. H	41	592,855	19,100	81,380	239,275	253,100	45	14	11,275	762	227,820	429	148,856
927	Pen Argyl, Pa	31	392,615	122,900	27,010	85,460	157,245	58	9	4,660	336	177,873	233	149,613
928	Penn Yan, N. Y	84	822,142	59,090	133,035	233,348	396,669	103	65	40,939	382	129,889	317	115,059
929	Peoria, Ill	871	27,971,613	5,147,070	6,088,827	8,283,473	8,452,243	911	767	768,574	8,022	3,901,186	6,945	3,637,390
930	Perth Amboy, N. J	129	6,637,766	592,663	1,872,765	1,422,334	2,750,004	127	161	186,396	2,258	1,053,242	2,182	1,037,634
931	Peru, Ill	49	2,277,845	99,564	436,847	651,832	1,089,602	51	72	99,298	1,164	541,197	1,047	505,103
932	Peru, Ind	103	1,147,288	95,570	224,150	271,166	556,402	118	67	49,589	1,271	470,919	1,127	447,292
933	Petaluma, Cal	86	712,003	70,161	87,021	122,526	432,295	92	19	15,108	366	155,332	265	131,348
934	Peterboro, N. H	43	643,599	36,610	130,855	233,772	242,362	45	19	11,971	364	133,462	228	95,365
935	Petersburg, Va	225	3,960,987	141,387	595,774	1,153,793	2,070,033	242	251	227,544	4,730	1,043,550	2,729	801,127
936	Philadelphia, Pa	15,887	476,529,407	43,726,855	64,859,709	113,918,281	254,024,562	18,062	19,113	20,154,836	246,445	111,847,076	172,011	91,540,077
937	Phillipsburg, N. J	87	3,411,239	121,216	597,949	590,592	2,101,482	92	77	106,413	2,560	1,000,331	1,938	817,260
938	Phoenix, Ala	6	33,595	3,300	8,675	13,910	7,710	5	2	800	16	4,548	16	4,548
939	Phoenixville, Pa	92	6,482,025	634,180	1,077,277	2,314,024	2,456,544	94	128	134,272	2,556	1,099,719	2,168	1,018,451
940	Pine Bluff, Ark	91	2,470,025	716,320	321,850	709,096	722,759	87	106	89,748	1,111	488,546	1,067	478,404
941	Piqua, Ohio	152	3,609,002	323,493	536,106	791,682	1,957,721	166	207	203,001	2,103	983,836	1,787	917,822
942	Pittsburg, Kans	82	808,055	90,665	283,435	262,854	171,101	87	28	27,037	994	475,772	946	466,147
943	Pittsburg, Pa	1,938	193,162,900	19,612,219	23,001,802	41,161,172	109,387,707	2,253	5,064	5,457,443	69,977	36,684,563	62,381	34,809,175
944	Pittsfield, Me	35	1,174,353	56,568	234,158	275,357	608,270	38	17	21,031	589	209,714	415	154,028
945	Pittsfield, Mass	261	6,084,849	274,656	540,333	861,467	4,405,393	309	229	255,527	3,863	1,627,790	2,380	1,201,262
946	Pittsfield, N. H	51	564,373	44,565	80,425	175,276	264,107	56	13	10,013	601	224,213	389	167,005
947	Pittston, Pa	95	1,038,797	112,590	193,107	308,768	424,332	100	54	41,309	505	222,340	390	199,216
948	Plainfield, Conn	51	2,713,962	189,550	571,350	984,065	968,997	55	22	38,553	1,205	424,147	748	287,931
949	Plainfield, N. J	135	2,[illegible],449	170,600	537,945	744,212	1,230,692	143	139	150,985	1,751	970,018	1,592	931,889
950	Plainville, Conn	35	339,775	26,477	83,381	148,032	141,885	33	13	16,291	337	136,815	213	101,520
951	Plaquemine, La	23	1,048,364	497,509	35,700	131,430	383,725	21	25	25,194	446	192,280	442	191,592
952	Plattsburg, N. Y	131	2,210,045	244,967	381,819	537,071	1,046,188	139	69	45,424	852	306,284	564	249,948
953	Plattsmouth, Nebr	61	390,575	16,050	140,105	145,219	89,201	68	37	24,381	447	227,571	423	223,729
954	Plymouth, Ind	52	387,116	18,175	105,031	126,579	137,361	63	26	17,325	300	112,444	269	107,691
955	Plymouth, Pa	101	579,553	25,072	63,919	242,263	248,269	98	38	20,701	923	213,497	276	119,741
956	Pomeroy, Ohio	70	852,132	70,410	166,681	280,999	334,042	69	43	31,142	725	341,959	665	331,455

[1] Given as Sing Sing in 1890.

TOWNS, AND VILLAGES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.				MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.										
102	$21,560	33	$4,454	$97,050	$19,265	$12,973	$62,751	$2,061	$946,719	$923,508	$23,211	$1,801,487	877
280	69,718	16	1,374	103,096	16,208	7,333	75,075	4,480	1,661,759	1,643,184	18,575	2,668,952	878
117	29,817	3	450	161,228	20,559	9,736	128,933	2,000	4,742,848	4,642,547	100,301	6,710,886	879
17	3,385	6	640	34,778	4,837	4,441	25,400	100	735,556	712,371	23,185	1,241,987	880
19	6,210	10	1,600	29,456	3,982	1,187	7,237	17,050	170,356	166,614	3,742	339,098	881
213	35,519	32	2,549	132,983	16,322	11,580	99,369	5,712	1,467,466	1,416,867	50,599	2,239,837	882
62	15,358	35	6,498	274,447	11,345	26,191	227,669	9,242	5,009,818	4,877,311	132,507	6,624,390	883
1,238	324,128	90	15,804	3,864,988	263,847	84,940	3,333,177	183,024	22,211,573	21,776,089	435,484	43,168,876	884
166	42,093	6	684	149,576	11,350	4,752	118,224	15,250	842,851	828,889	13,962	1,613,572	885
142	33,557	18	1,852	118,861	13,322	1,672	59,007	44,860	1,308,549	1,299,040	9,509	2,118,452	886
6	435	2	200	10,943	2,642	3,269	5,032	----------	206,280	201,959	4,321	335,071	887
87	19,578	18	3,274	58,522	2,793	4,816	36,463	14,450	1,542,471	1,528,286	14,185	2,168,435	888
207	55,256	15	2,326	132,429	7,530	24,100	93,676	7,123	1,217,293	1,204,045	13,248	2,602,253	889
391	135,477	34	7,821	232,632	50,799	6,462	111,085	64,286	2,259,135	2,201,833	57,302	4,694,335	890
2	714	6	1,440	50,055	1,354	10,782	37,919	----------	924,243	922,681	1,562	1,666,203	891
46	9,350	39	4,800	15,303	2,304	2,982	10,017	----------	313,582	306,975	6,607	493,860	892
102	24,007	26	3,607	175,062	6,357	9,624	159,081	----------	1,145,674	1,014,441	131,233	2,060,173	893
18	4,072	----------	----------	92,186	157	7,776	79,775	4,478	704,991	643,250	61,741	1,345,535	894
177	41,206	28	2,757	15,625	1,563	394	13,668	----------	406,423	404,231	2,192	648,223	895
15	2,963	----------	----------	6,795	2,372	456	3,967	----------	120,174	117,616	2,558	202,405	896
4	639	2	171	6,360	1,835	2,023	2,252	250	356,038	352,518	3,520	649,050	897
620	151,926	338	80,857	616,564	34,742	48,392	513,159	20,271	4,742,744	4,695,134	47,610	8,781,248	898
91	22,909	20	2,229	67,753	18,329	3,485	32,714	13,225	490,982	475,486	15,496	1,063,584	899
140	37,510	----------	----------	166,229	11,480	4,771	143,075	6,903	884,942	864,785	20,157	2,068,458	900
877	198,702	139	22,290	667,109	54,304	39,083	572,391	1,331	4,611,975	4,512,417	99,558	8,137,950	901
139	27,441	----------	----------	56,385	918	6,595	23,306	25,566	358,713	332,731	25,982	603,451	902
165	34,627	7	939	148,491	15,054	8,701	123,090	1,646	855,034	808,217	46,817	2,042,148	903
24	5,610	3	250	13,789	5,525	2,905	5,059	300	406,584	399,107	7,477	734,965	904
223	59,395	151	20,438	200,673	26,420	13,330	159,511	1,412	7,093,068	7,036,809	56,259	9,129,862	905
14	2,665	1	250	34,582	7,050	2,299	25,209	24	486,828	475,645	11,183	788,927	906
22	4,353	6	1,014	38,602	6,936	2,727	28,939	----------	780,769	770,144	10,625	1,261,161	907
269	40,133	115	13,461	215,675	18,999	16,505	160,118	20,053	2,060,368	2,035,457	24,911	3,446,605	908
104	22,937	35	4,883	118,087	9,707	8,767	99,613	----------	1,380,506	1,361,734	18,772	2,265,498	909
189	36,728	149	23,917	233,926	30,955	17,152	167,423	18,396	1,703,324	1,671,766	31,558	3,627,344	910
43	9,357	3	634	36,914	6,989	2,169	24,831	2,925	319,300	309,431	9,869	693,949	911
718	206,400	107	18,260	143,323	5,647	25,247	111,429	1,000	2,575,330	2,497,322	78,008	4,483,036	912
13	2,538	2	164	14,354	4,177	969	6,058	3,150	93,381	90,189	3,192	204,018	913
24	3,840	----------	----------	16,729	4,391	1,589	10,749	----------	223,237	219,839	3,398	331,297	914
39	8,548	10	1,284	32,150	8,391	2,666	11,313	9,780	569,131	560,762	8,369	979,075	915
6	1,750	9	1,240	16,238	1,477	2,047	12,714	----------	216,752	213,969	2,783	386,455	916
2	754	2	326	3,952	1,748	369	1,825	10	23,264	22,185	1,079	72,172	917
86	16,643	31	3,834	219,888	23,021	16,497	152,565	27,805	2,350,797	2,297,838	52,959	3,926,751	918
52	9,116	9	976	34,325	10,907	3,343	20,075	----------	531,447	519,247	12,200	1,025,409	919
2,192	553,132	216	36,596	1,199,108	41,602	57,762	1,060,159	39,585	7,971,505	7,704,864	266,641	14,031,254	920
9,502	3,015,922	1,446	235,173	5,059,521	396,912	203,516	2,230,994	2,228,099	26,882,183	26,199,597	682,586	52,287,975	921
4,343	1,374,723	969	168,150	2,040,261	585,764	146,245	960,148	348,104	12,933,104	12,545,761	387,343	24,080,328	922
174	50,726	4	842	245,513	32,578	24,459	174,326	14,150	4,583,297	4,491,464	91,833	7,261,647	923
423	139,267	6	954	121,718	18,374	6,818	79,363	17,163	1,024,282	994,787	29,495	2,339,370	924
21	4,652	2	400	9,458,651	10,262	6,449	9,416,076	25,864	1,929,943	1,869,289	60,654	12,268,021	925
227	64,382	106	14,582	11,310	2,006	5,285	4,019	----------	417,418	400,311	17,107	775,563	926
103	28,260	----------	----------	46,457	40,328	1,220	4,909	----------	219,184	211,823	7,361	537,322	927
59	13,798	6	1,032	49,975	12,776	1,982	35,217	----------	542,395	523,586	18,809	915,542	928
1,021	256,536	56	7,260	25,122,825	202,821	83,093	24,669,859	167,052	14,986,348	14,408,981	577,367	48,871,596	929
52	11,998	24	3,610	435,883	21,280	13,983	269,611	131,009	11,631,704	11,428,095	203,609	14,730,928	930
89	30,445	28	5,649	274,244	3,093	8,202	247,909	15,040	1,787,073	1,681,171	105,902	3,114,759	931
105	18,688	39	4,939	81,165	10,566	9,417	60,382	800	819,593	795,341	24,252	1,620,889	932
96	23,605	5	379	59,014	8,996	2,595	32,097	15,326	516,814	506,718	10,096	971,670	933
134	37,425	2	672	20,469	3,317	3,668	13,209	275	285,982	278,352	7,630	531,346	934
1,615	206,061	386	36,362	658,689	30,999	48,129	526,186	53,375	3,747,656	3,695,090	52,566	6,464,464	935
61,688	18,151,177	12,746	2,155,822	55,575,685	5,607,288	1,222,710	28,978,408	19,767,279	326,877,441	320,684,140	6,193,301	603,466,526	936
611	181,716	11	1,355	244,560	6,302	15,856	111,501	110,901	2,906,360	2,653,641	252,719	4,952,277	937
----------	----------	----------	----------	5,361	93	225	5,043	----------	7,644	4,789	2,855	22,350	938
258	66,771	130	14,497	232,963	10,278	7,779	214,906	----------	3,202,965	3,028,984	173,981	4,992,772	939
38	8,954	6	1,188	97,445	11,091	8,153	77,791	410	873,921	850,484	23,437	1,815,677	940
315	65,891	1	123	259,807	18,521	18,773	203,977	18,536	3,765,259	3,685,028	80,231	5,886,475	941
36	8,443	12	1,182	45,654	6,838	7,673	31,143	----------	986,828	929,581	57,247	1,616,976	942
5,873	1,542,689	1,723	332,699	15,293,017	929,081	699,025	11,045,033	2,619,878	116,833,174	110,858,518	5,974,656	203,261,251	943
162	53,862	12	1,824	85,240	2,293	3,757	79,190	----------	535,447	520,303	15,144	1,020,258	944
1,372	408,670	111	17,858	548,483	60,634	34,292	402,301	51,256	3,616,578	3,516,092	100,486	7,135,770	945
212	57,208	----------	----------	16,562	1,944	3,363	11,255	----------	625,112	620,490	4,622	1,092,069	946
104	21,565	11	1,559	98,686	12,288	2,988	62,210	21,200	722,800	714,503	8,297	1,261,500	947
397	123,261	60	12,955	42,665	2,735	10,011	28,799	1,120	989,813	961,511	28,302	1,641,078	948
154	36,949	5	1,180	283,886	27,601	12,305	188,921	55,059	1,144,724	1,119,573	25,151	3,229,969	949
110	32,475	14	2,820	17,664	1,532	2,108	13,624	400	232,533	223,997	8,536	460,471	950
----------	----------	4	688	19,747	1,316	4,375	13,656	400	419,023	412,510	6,513	766,044	951
282	55,631	6	705	102,839	13,272	6,009	79,453	4,105	716,467	703,675	12,792	1,455,150	952
9	1,652	15	2,190	25,815	4,117	5,379	10,519	5,800	356,393	340,678	15,715	682,979	953
29	4,594	2	159	33,077	3,431	2,279	27,167	200	210,348	202,987	7,361	434,475	954
418	73,427	229	20,329	95,935	9,058	1,367	81,010	4,500	362,488	356,041	6,447	803,728	955
43	7,846	17	2,658	40,898	3,882	5,456	31,260	300	961,112	913,660	47,452	1,522,626	956

TABLE 3.—SUMMARY FOR 1,341 CITIES,

	Cities, towns, and villages.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Total. Wages.	Men, 16 years and over. Average number.	Men, 16 years and over. Wages.
957	Pontiac, Ill	52	$367,061	$17,900	$59,640	$58,205	$231,316	55	39	$47,580	437	$156,793	314	$121,817
958	Pontiac, Mich	106	1,393,867	75,185	180,248	264,676	873,758	114	110	79,726	1,315	512,161	1,132	474,814
959	Portage, Wis	72	468,925	21,475	79,632	107,497	260,321	71	42	32,919	324	104,742	182	78,687
960	Port Chester, N. Y	79	3,024,814	159,730	316,540	453,302	2,095,242	81	86	96,047	1,569	646,202	905	475,351
961	Port Huron, Mich	186	3,301,954	290,975	620,807	836,645	1,553,527	189	227	143,447	2,417	1,119,320	2,177	1,063,513
962	Port Jervis, N. Y	83	654,472	53,850	133,234	228,945	238,443	87	44	30,748	977	392,054	728	340,852
963	Portland, Conn	28	463,585	24,240	55,202	158,339	225,804	28	18	19,187	497	184,361	385	157,256
964	Portland, Ind	72	218,310	29,075	27,475	64,015	97,745	84	9	8,820	398	137,946	346	125,921
965	Portland, Me	639	6,991,251	503,023	755,747	1,381,330	4,351,151	679	611	519,425	5,699	2,612,817	4,288	2,252,430
966	Portland, Oreg	1,064	13,331,500	1,420,388	1,907,171	3,853,004	6,150,937	1,181	806	844,847	8,572	4,347,876	7,220	4,019,211
967	Portsmouth, N. H	176	4,167,545	141,234	1,287,703	732,562	2,006,046	189	108	119,658	1,809	884,309	1,383	738,748
968	Portsmouth, Ohio	284	4,113,700	355,576	780,416	1,025,636	1,952,072	315	381	310,355	4,586	1,556,190	3,444	1,347,575
969	Portsmouth, Va	103	1,179,144	64,500	147,589	228,939	738,116	111	107	82,636	1,154	483,763	942	446,487
970	Port Washington, Wis	65	1,006,926	128,217	147,360	241,773	489,576	71	61	56,337	811	265,298	735	251,672
971	Pottstown, Pa	144	4,922,856	537,933	887,960	932,090	2,564,873	164	183	148,427	3,059	1,251,229	2,421	1,142,666
972	Pottsville, Pa	206	3,383,237	395,050	758,975	898,330	1,330,882	232	150	111,198	1,967	671,179	1,303	571,700
973	Poughkeepsie, N. Y	377	5,688,058	336,125	890,859	1,271,699	3,189,375	426	197	240,593	3,432	1,583,268	2,701	1,406,200
974	Poultney, Vt	49	437,656	119,425	66,275	85,090	166,866	58	9	7,530	349	112,689	343	111,719
975	Presque Isle, Me	38	177,595	24,250	20,950	38,625	93,770	43	8	5,810	88	30,270	77	28,260
976	Preston, Conn	19	650,847	11,020	113,950	118,175	407,702	24	6	3,600	264	96,487	206	82,331
977	Princeton, Ind	87	605,351	66,390	109,242	146,112	283,607	105	19	13,294	469	207,789	435	200,431
978	Proctor, Vt	5	2,465	450	810	305	900	5			2	625		
979	Providence, R. I	1,933	83,513,679	5,576,066	9,284,019	21,664,478	46,989,116	2,145	2,766	3,239,419	44,978	19,998,362	31,198	16,009,629
980	Provo City, Utah	57	515,496	47,275	82,230	109,010	276,981	66	22	13,637	264	105,408	169	77,542
981	Pueblo, Colo	241	12,374,248	754,427	3,806,645	3,877,615	3,935,561	217	320	370,428	4,911	3,044,280	4,756	3,000,093
982	Putnam, Conn	93	2,019,685	124,808	342,903	660,842	891,132	91	43	48,009	1,631	537,087	849	342,424
983	Quincy, Ill	421	6,879,846	552,537	1,179,713	1,851,194	3,296,402	460	491	400,233	4,509	1,918,452	3,612	1,757,955
984	Quincy, Mass	339	2,208,197	421,155	265,173	412,533	1,109,336	402	126	108,392	2,546	1,378,823	2,264	1,300,443
985	Racine, Wis	252	16,753,215	912,865	1,849,908	2,750,132	11,240,310	240	876	861,900	6,785	2,994,100	5,531	2,652,878
986	Rahway, N. J	100	915,208	58,000	182,435	189,547	485,226	111	42	36,184	778	407,490	621	379,661
987	Raleigh, N. C	135	1,611,089	96,256	258,547	732,217	524,069	136	146	97,464	1,358	441,038	981	370,263
988	Randolph, Mass	54	441,070	11,425	83,365	85,999	257,281	59	25	24,582	725	359,150	550	293,591
989	Rankin, Pa	12	4,962,354	386,659	384,560	1,768,984	2,422,151	8	73	62,535	1,622	983,867	1,574	973,963
990	Raritan, N. J	27	659,471	86,300	185,800	151,077	236,294	27	11	17,400	1,010	299,970	580	209,542
991	Ravenna, Ohio	76	821,127	36,130	157,605	199,966	427,426	90	46	43,845	740	279,153	498	221,189
992	Reading, Mass	72	455,247	50,875	64,650	135,930	203,792	90	20	21,014	443	188,645	283	139,375
993	Reading, Pa	843	27,975,628	2,458,523	4,469,370	6,999,595	14,048,140	989	1,073	924,551	19,165	7,544,950	14,351	6,449,263
994	Red Wing, Minn	79	1,657,336	144,461	321,994	313,982	876,899	84	73	78,603	765	297,140	739	290,519
995	Reed City, Mich	55	272,790	28,035	82,165	88,299	124,291	69	5	4,095	260	103,051	235	97,313
996	Reedsburg, Wis	45	411,095	42,700	80,550	89,679	198,166	56	7	7,800	207	66,871	129	49,287
997	Reidsville, N. C	37	851,705	28,794	102,901	157,990	562,020	45	47	40,950	888	169,545	460	106,937
998	Reno, Nev	51	320,833	24,775	52,900	94,446	148,712	54	5	5,660	122	86,745	107	82,611
999	Rensselaer, N. Y.[1]	53	711,031	32,550	226,973	158,766	292,742	59	14	17,721	502	252,227	414	223,330
1000	Revere, Mass	82	502,819	89,305	214,880	94,425	104,209	89	9	8,704	255	133,129	248	130,486
1001	Rhinelander, Wis	62	1,366,855	253,397	131,630	301,426	680,402	58	22	28,530	781	307,131	767	303,226
1002	Rich Hill, Mo	48	224,609	9,665	44,870	143,355	26,719	60	4	1,797	115	42,659	103	40,511
1003	Richmond, Ind	195	5,175,446	383,155	627,113	777,225	3,387,953	189	356	327,920	2,991	1,306,921	2,587	1,236,662
1004	Richmond, Me	24	194,926	6,500	34,925	76,565	76,936	26	10	6,844	169	43,868	75	24,673
1005	Richmond, Va	763	20,848,620	2,252,946	2,377,697	6,164,891	10,053,086	801	1,166	1,266,270	16,692	5,181,659	11,565	4,292,348
1006	Ripon, Wis	73	498,531	34,520	91,766	134,433	237,812	77	32	28,276	360	122,344	215	93,952
1007	Roanoke, Va	120	2,057,754	90,160	612,890	527,648	827,056	129	205	169,317	2,688	1,178,542	2,570	1,163,114
1008	Rochester, Minn	116	471,994	38,975	74,962	141,075	216,982	144	21	11,506	331	125,891	281	117,740
1009	Rochester, N. H	96	2,095,788	126,320	224,175	338,073	1,407,220	111	65	59,689	1,913	741,215	1,390	603,568
1010	Rochester, N. Y	2,616	49,086,212	3,550,688	5,695,879	10,918,912	28,920,733	2,832	3,279	3,292,451	33,408	13,832,122	22,560	11,042,593
1011	Rochester, Pa	47	2,228,337	171,019	474,676	436,422	1,146,220	59	40	56,685	1,433	589,516	927	501,770
1012	Rock Falls, Ill	31	1,073,552	140,075	215,869	156,289	561,319	29	72	72,570	448	197,779	428	193,346
1013	Rockford, Ill	450	14,126,834	2,431,596	3,178,915	3,788,303	4,728,020	428	456	422,547	6,620	2,765,709	5,190	2,433,307
1014	Rock Hill, S. C	29	826,941	10,613	157,787	358,098	300,443	25	36	28,524	1,050	197,080	521	132,307
1015	Rockingham, Vt	53	664,902	15,170	77,053	208,053	364,626	65	47	33,920	359	163,457	324	152,927
1016	Rock Island, Ill	181	4,990,336	256,925	562,278	552,414	3,618,719	201	207	203,432	2,386	1,229,044	2,239	1,193,425
1017	Rockland, Me	118	1,708,483	297,263	559,000	263,331	588,889	158	45	33,473	860	358,969	652	320,374
1018	Rockland, Mass	81	998,824	22,824	154,300	210,294	611,406	90	58	51,995	1,071	515,974	791	421,544
1019	Rockport, Ind	45	674,246	49,715	136,900	201,517	286,114	59	17	14,191	211	71,676	193	67,632
1020	Rockport, Mass	41	737,225	213,793	61,189	256,797	205,446	45	23	28,513	566	255,634	561	253,818
1021	Rome, Ga	64	1,328,118	173,646	230,641	355,965	567,866	58	55	59,854	944	248,249	739	223,627
1022	Rome, N. Y	196	3,738,051	137,449	394,834	1,312,061	1,893,707	204	154	154,666	2,653	1,014,352	1,951	847,762
1023	Rushville, Ind	91	531,736	34,250	93,150	130,393	273,943	117	23	13,505	405	168,849	367	161,244
1024	Rutland, Vt	186	2,112,530	200,374	328,996	421,285	1,161,875	207	139	103,563	1,791	773,304	1,335	676,963
1025	Saco, Me	71	2,151,434	118,129	256,988	400,553	1,375,764	77	12	23,897	2,025	619,462	1,339	467,818
1026	Sacramento, Cal	275	7,369,013	650,111	1,399,247	2,615,876	2,703,779	316	188	216,504	4,365	2,977,764	3,954	2,855,413
1027	Saginaw, Mich	480	7,558,806	531,125	917,919	1,658,744	4,451,018	505	394	371,741	4,866	1,936,558	4,288	1,823,485
1028	St. Albans, Vt	79	1,192,735	97,252	202,097	488,869	404,517	76	95	78,499	1,178	519,292	900	465,421
1029	St. Charles, Mo	75	1,940,719	74,600	357,050	440,962	1,068,107	80	59	59,445	1,275	601,987	1,223	595,595
1030	St. Clair, Mich	36	395,180	47,400	70,732	93,025	184,023	37	23	17,615	238	101,995	194	92,240
1031	St. Clair, Pa	31	94,863	3,750	9,875	14,355	66,883	42	7	3,780	213	47,506	25	10,600
1032	St. Cloud, Minn	96	789,946	86,860	145,915	209,033	348,138	112	56	39,193	650	343,062	632	338,012
1033	St. Johns, Mich	59	476,258	23,670	78,500	125,263	238,825	63	11	13,535	295	95,469	267	89,332
1034	St. Johnsbury, Vt	89	3,790,028	220,875	735,804	731,234	2,102,115	91	96	93,105	1,195	568,619	1,149	556,141
1035	St. Joseph, Mich	75	954,419	64,218	107,938	284,289	497,974	81	84	82,058	933	353,591	682	290,112
1036	St. Joseph, Mo	440	11,068,825	983,535	1,907,849	3,323,616	4,853,825	462	562	516,083	7,429	3,109,647	4,994	2,500,822

[1] Given as Greenbush in 1890.

TOWNS, AND VILLAGES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.				MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
108	$32,968	15	$2,008	$27,878	$5,864	$2,292	$14,722	$5,000	$446,827	$441,931	$4,896	$770,048	957
180	36,807	3	540	96,587	9,975	7,933	75,279	3,400	1,754,532	1,730,262	24,270	2,793,499	958
125	24,163	17	1,942	47,560	5,215	2,557	35,488	4,300	228,802	220,144	8,658	502,234	959
628	164,765	36	6,086	64,231	12,431	5,123	46,677	----------	2,700,829	2,663,596	37,233	3,840,732	960
225	54,219	15	1,588	249,995	28,711	11,933	199,006	10,345	2,078,896	2,016,258	62,638	4,298,743	961
238	49,661	11	1,541	57,033	11,854	2,971	16,027	26,181	602,107	582,188	19,919	1,237,286	962
93	24,655	19	2,450	9,822	763	687	8,372	----------	322,432	295,890	26,542	594,397	963
52	12,025	----------	----------	16,001	3,619	3,386	8,996	----------	261,274	258,068	3,206	592,552	964
1,380	354,985	31	5,402	759,854	158,207	49,995	411,266	140,386	5,566,225	5,444,790	121,435	11,440,201	965
1,211	305,477	141	23,188	1,186,072	339,775	66,492	587,708	192,097	13,312,036	13,049,172	262,864	23,451,132	966
416	144,359	10	1,202	851,647	21,991	41,752	776,304	11,600	2,204,376	2,153,250	51,126	4,813,138	967
1,043	197,652	99	10,963	802,946	22,820	25,852	710,000	44,274	3,824,093	3,668,916	155,177	7,532,976	968
167	31,835	45	5,441	95,644	27,025	5,322	62,683	614	968,752	954,448	14,304	1,854,997	969
52	10,093	24	3,533	77,098	1,698	2,250	70,420	2,730	508,080	477,514	30,566	1,037,318	970
459	85,232	179	23,331	386,985	214,608	7,174	163,398	1,805	5,263,759	4,970,052	293,707	8,111,486	971
534	85,869	130	13,610	383,317	29,653	8,636	312,531	32,497	3,626,129	3,594,919	31,210	5,354,633	972
666	166,664	65	10,404	411,495	61,479	17,670	327,124	5,222	3,475,100	3,252,318	222,782	6,826,769	973
6	970	----------	----------	11,789	4,065	903	6,271	550	190,564	181,442	9,122	405,379	974
9	1,760	2	250	10,491	2,086	1,244	7,161	----------	162,707	161,150	1,557	273,716	975
58	14,156	----------	----------	38,256	326	1,757	35,453	720	288,890	282,891	5,999	477,428	976
23	5,778	11	1,580	40,294	7,752	4,725	21,417	6,400	535,485	527,684	7,801	929,270	977
2	625	----------	----------	125	75	19	31	----------	3,079	3,000	79	6,010	978
12,090	3,682,472	1,690	306,261	5,815,066	777,303	329,263	4,272,366	436,134	46,357,130	45,390,515	966,615	88,168,897	979
63	20,792	32	7,074	23,931	3,056	3,332	17,543	----------	216,444	204,766	11,678	431,120	980
127	39,667	28	4,520	577,501	46,480	34,232	430,926	65,863	22,589,669	21,448,078	1,141,591	30,795,481	981
664	173,382	118	21,281	122,376	21,537	15,564	79,260	6,015	1,097,136	1,073,045	24,091	1,928,803	982
771	143,354	126	17,143	779,653	75,957	40,169	629,149	34,378	4,952,797	4,845,579	107,218	9,234,988	983
281	78,320	1	60	253,703	31,459	19,160	125,064	78,020	1,300,260	1,244,708	55,552	3,948,932	984
1,076	312,060	178	29,162	1,004,165	42,767	52,919	891,760	16,719	6,253,372	6,089,773	163,599	12,502,796	985
156	27,629	1	200	69,085	10,384	4,868	53,773	60	502,048	480,396	21,652	1,149,247	986
222	50,342	155	20,433	107,133	16,475	14,607	70,185	5,866	1,203,099	1,158,908	44,191	2,204,056	987
168	64,040	7	1,519	27,307	4,723	2,106	19,578	900	903,917	895,726	8,191	1,425,890	988
----------	----------	48	9,904	716,589	634	14,128	701,827	----------	5,437,357	4,992,790	444,567	8,607,680	989
314	74,498	116	15,930	268,974	1,258	6,288	259,228	2,200	442,409	422,256	20,153	1,088,280	990
217	52,464	25	5,500	43,790	7,108	4,318	31,904	460	550,204	522,303	27,901	1,210,415	991
162	48,394	3	876	32,950	8,278	3,927	20,745	----------	534,621	523,310	11,311	944,422	992
3,786	958,704	1,028	136,983	5,085,456	169,140	92,480	1,570,746	3,253,090	19,089,332	18,301,154	788,178	36,902,511	993
24	6,056	2	265	109,907	9,199	13,314	87,302	62	1,383,140	1,297,625	85,515	2,120,303	994
18	4,192	7	1,546	30,567	2,476	2,093	15,998	10,000	291,488	288,662	2,826	536,451	995
77	17,514	1	70	36,151	2,438	1,862	31,776	75	248,885	240,709	8,176	430,550	996
227	36,363	201	26,245	298,043	2,929	5,848	288,716	550	563,307	544,559	18,748	1,234,783	997
12	3,544	3	590	16,762	8,222	2,518	5,722	300	200,350	191,832	8,518	392,707	998
76	26,588	12	2,309	47,564	3,573	3,204	39,787	1,000	447,655	435,859	11,796	920,973	999
5	2,112	2	531	26,757	5,517	2,804	12,366	6,070	170,181	153,990	16,191	451,215	1000
14	3,905	----------	----------	57,259	4,359	12,751	39,974	175	1,103,659	1,099,528	4,131	1,855,433	1001
7	1,708	5	440	12,061	4,996	1,052	5,978	35	164,148	161,031	3,117	255,132	1002
398	69,274	6	985	297,605	31,531	39,138	225,436	1,500	2,490,180	2,449,278	40,902	5,282,049	1003
75	17,425	19	1,770	7,664	723	645	5,746	550	148,212	144,193	4,019	225,804	1004
4,399	796,997	728	92,314	6,158,301	181,456	132,687	5,263,566	580,592	13,161,697	12,838,895	322,802	28,900,616	1005
132	26,496	13	1,896	36,539	4,370	2,513	29,530	126	485,101	474,000	11,101	807,087	1006
84	10,666	34	4,762	122,145	16,095	9,754	91,176	5,120	3,730,926	3,398,169	332,757	5,709,817	1007
46	7,921	4	230	65,489	8,694	3,197	37,138	16,460	386,215	373,173	13,042	728,166	1008
427	118,118	96	19,529	127,905	11,104	12,978	96,013	7,810	2,555,818	2,511,734	44,084	3,812,512	1009
9,889	2,641,241	959	148,288	9,143,154	755,433	190,459	5,889,483	2,307,779	32,082,063	31,557,122	524,941	69,129,820	1010
206	61,847	300	25,899	104,262	2,412	3,464	98,386	----------	470,450	384,832	85,618	1,440,567	1011
15	3,733	5	700	81,945	7,498	4,433	70,014	----------	581,826	553,628	28,198	1,087,775	1012
1,200	297,293	230	35,109	821,352	77,486	42,808	636,920	64,138	6,928,941	6,659,240	269,701	12,586,116	1013
284	41,256	245	23,517	28,827	1,690	5,857	21,280	----------	566,703	541,249	25,454	1,007,216	1014
34	10,426	1	104	143,297	8,914	3,317	130,746	320	504,028	490,466	13,562	961,023	1015
131	31,869	16	3,750	419,346	25,004	23,342	317,243	53,757	3,056,734	3,016,422	40,312	5,538,352	1016
187	36,800	21	1,795	107,276	21,890	12,277	69,209	3,900	851,806	739,125	112,681	1,557,607	1017
241	86,430	39	8,000	112,435	6,775	5,305	100,355	----------	1,363,959	1,351,029	12,930	2,288,972	1018
17	3,894	1	150	15,371	2,476	2,490	10,405	----------	165,126	154,878	10,248	403,083	1019
5	1,816	----------	----------	34,390	1,460	5,810	27,120	----------	142,397	132,240	10,157	634,755	1020
97	15,553	108	9,069	75,798	8,421	11,175	56,202	----------	857,990	756,112	101,878	1,570,273	1021
623	155,190	79	11,400	299,978	22,317	13,283	242,542	21,836	3,722,764	3,618,446	104,318	6,093,544	1022
31	6,719	7	886	37,523	4,030	2,781	30,712	----------	499,242	494,490	4,752	850,360	1023
451	95,651	5	690	133,616	31,655	9,923	81,513	10,525	1,044,566	1,014,060	30,506	2,456,677	1024
591	132,469	95	19,175	195,758	7,034	21,440	167,134	150	1,120,293	1,070,349	49,944	2,244,025	1025
380	116,174	31	6,177	703,922	66,328	65,815	456,713	115,066	6,057,837	5,767,106	290,731	11,141,896	1026
547	107,505	31	5,568	594,269	51,166	42,825	479,746	20,532	5,816,237	5,711,066	105,171	10,034,499	1027
278	53,871	----------	----------	98,355	7,438	5,942	81,776	3,199	1,034,772	1,012,590	22,182	1,850,590	1028
19	2,350	33	4,042	126,412	11,420	3,374	110,918	700	1,982,519	1,931,370	51,149	3,145,662	1029
42	9,455	2	300	21,354	1,035	2,782	17,537	----------	279,689	252,676	27,013	515,968	1030
170	34,554	18	2,352	2,225	830	135	1,260	----------	57,678	56,710	968	146,277	1031
18	5,050	----------	----------	63,422	8,556	6,772	46,624	1,470	1,229,824	1,207,278	22,546	1,895,202	1032
27	6,037	1	100	27,507	3,488	3,020	18,299	2,700	304,482	296,231	8,251	539,252	1033
45	12,310	1	168	132,521	9,292	17,477	82,784	22,968	951,643	926,246	25,397	2,838,906	1034
234	60,291	17	3,188	73,343	6,145	4,311	61,387	1,500	606,969	588,179	18,790	1,308,277	1035
2,297	587,140	138	21,685	1,160,912	116,371	43,879	805,110	195,552	25,068,215	24,842,997	225,218	31,690,736	1036

TABLE 3.—SUMMARY FOR 1,341 CITIES,

	Cities, towns, and villages.	Number of establishments.	Capital.					Proprietors and firm members.	Salaried officials, clerks, etc.		Average number of wage-earners and total wages.			
											Total.		Men, 16 years and over.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Average number.	Wages.	Average number.	Wages.
1037	St. Louis, Mich	37	$60,040	$16,050	$11,750	$15,625	$16,615	42	2	$1,216	47	$16,306	39	$15,111
1038	St. Louis, Mo	6,732	162,179,331	17,360,313	23,899,872	39,870,415	81,048,731	6,657	9,778	10,994,620	82,672	38,191,076	64,111	32,537,466
1039	St. Louis Park, Minn	6	1,228,875	48,975	144,945	431,005	603,950	6	41	60,225	224	133,660	219	132,310
1040	St. Marys, Ohio	57	556,209	48,700	129,150	162,498	215,861	60	44	39,318	453	192,711	410	183,707
1041	St. Paul, Minn	1,591	28,208,389	2,134,257	3,733,941	8,289,147	14,051,044	1,747	2,292	2,012,574	17,593	7,669,805	13,391	6,583,370
1042	St. Peter, Minn	61	374,760	32,767	80,883	81,040	180,070	74	13	10,600	199	77,085	168	69,236
1043	Salamanca, N. Y	62	1,867,289	48,520	256,855	263,056	1,298,858	65	29	26,376	419	188,656	400	184,795
1044	Salem, Mass	446	7,450,935	283,041	901,652	2,107,250	4,158,992	490	236	214,656	6,424	2,842,678	4,120	2,172,215
1045	Salem, N. J	75	722,434	61,627	148,705	133,004	379,098	82	36	24,477	933	316,303	580	260,328
1046	Salem, N. C	34	1,375,661	84,184	179,878	188,231	923,368	42	68	43,930	1,506	270,027	924	206,733
1047	Salem, Ohio	106	2,090,703	95,085	323,362	600,283	1,071,973	117	121	116,022	977	569,352	843	526,140
1048	Salem, Oreg	88	651,478	92,150	75,930	213,295	270,103	106	24	18,220	374	148,696	273	123,017
1049	Salem, Va	40	421,473	4,437	69,070	70,925	277,041	53	13	13,310	181	68,315	164	64,665
1050	Salina, Kans	119	634,988	55,350	153,103	161,724	264,811	134	58	81,734	337	132,761	268	119,465
1051	Salisbury, Mass	11	11,970	1,000	2,100	5,945	2,925	11	-------	----------	14	6,988	14	6,988
1052	Salisbury, N. C	43	906,275	30,950	145,950	508,067	221,308	40	27	21,980	852	172,501	389	67,999
1053	Salt Lake City, Utah	432	4,048,906	524,428	480,269	1,331,872	1,712,337	462	364	282,418	2,977	1,601,253	2,404	1,452,935
1054	San Antonio, Tex	312	4,252,197	350,483	766,378	1,158,345	1,976,991	295	209	244,252	3,073	1,755,008	2,781	1,691,882
1055	San Diego, Cal	208	1,147,712	202,895	145,862	427,251	371,704	230	57	47,703	574	281,786	458	251,987
1056	Sandusky, Ohio	176	4,627,981	437,631	880,276	1,381,604	1,928,470	187	158	141,637	1,648	650,895	1,397	602,394
1057	Sandwich, Ill	29	907,994	45,302	72,229	73,388	717,075	30	62	62,353	278	153,934	275	153,034
1058	Sandy Hill, N. Y	50	3,999,674	695,041	604,207	1,296,046	1,404,380	54	89	121,996	939	437,904	890	421,332
1059	Sanford, Me	67	3,246,015	130,265	272,500	572,795	2,270,455	66	85	84,645	1,893	698,385	1,011	435,596
1060	San Francisco, Cal	4,002	80,103,367	8,463,392	5,820,445	24,824,345	40,990,185	4,924	4,041	4,619,033	41,978	22,037,527	31,722	19,106,879
1061	San Jose, Cal	349	3,534,136	423,643	765,564	960,511	1,384,418	387	271	185,958	1,802	853,048	1,243	695,106
1062	Santa Clara, Cal	36	613,510	39,100	51,150	67,515	455,745	38	22	28,240	248	146,099	222	140,701
1063	Santa Cruz, Cal	84	1,456,753	246,200	135,600	317,068	757,885	85	34	41,161	490	262,187	471	257,284
1064	Santa Fe, N. Mex	39	82,053	1,690	6,900	30,316	43,147	39	7	7,970	89	44,740	81	43,348
1065	Santa Rosa, Cal	139	765,547	75,800	85,275	212,260	392,212	153	13	12,486	657	260,667	390	192,542
1066	Saratoga Springs, N. Y	170	1,863,526	70,800	134,972	448,764	1,208,990	176	179	130,235	939	369,876	572	284,839
1067	Savannah, Ga	155	5,716,491	566,850	928,194	1,368,399	2,853,048	157	220	231,377	2,870	1,176,150	2,782	1,157,417
1068	Saugerties, N. Y	117	1,202,299	148,731	82,925	286,380	684,263	146	50	60,436	580	264,614	434	219,273
1069	Sault Ste. Marie, Mich	84	723,936	313,106	49,475	157,255	204,100	102	38	22,913	472	262,582	415	247,924
1070	Sayre, Pa	46	1,341,905	31,627	570,937	349,401	389,940	52	64	47,908	1,261	591,238	1,192	579,243
1071	Schenectady, N. Y	388	6,517,864	389,756	866,831	1,299,586	3,961,691	412	227	204,977	4,431	2,527,352	3,779	2,363,961
1072	Schuylkill Haven, Pa	53	545,701	47,997	88,300	205,656	203,748	59	15	7,873	702	259,499	413	193,872
1073	Scituate, R. I	33	1,264,223	118,350	268,615	359,510	517,748	33	14	26,948	600	190,739	313	115,587
1074	Scranton, Miss	15	372,655	95,350	24,200	112,475	140,630	15	5	6,600	167	66,045	165	65,745
1075	Scranton, Pa	710	19,954,525	2,303,113	3,768,815	5,227,697	8,654,900	771	661	791,589	12,669	5,191,522	8,776	4,509,263
1076	Seattle, Wash	953	10,131,651	1,440,701	597,024	3,030,039	5,063,887	1,071	768	684,662	8,480	5,575,253	7,870	5,372,091
1077	Sedalia, Mo	131	1,293,053	125,633	286,757	431,475	449,188	131	79	57,105	1,098	463,787	804	403,830
1078	Selma, Ala	98	1,296,308	49,605	229,748	568,638	448,317	98	133	106,400	1,343	392,016	981	336,222
1079	Seneca Falls, N. Y	65	2,422,256	157,464	578,173	505,368	1,181,251	62	119	112,001	1,365	611,630	1,210	577,164
1080	Seymour, Conn	35	2,148,123	115,700	272,390	637,782	1,122,251	32	47	70,824	833	439,908	750	414,186
1081	Seymour, Ind	81	871,746	53,346	106,300	220,336	491,764	91	34	31,437	671	234,860	495	200,195
1082	Shamokin, Pa	143	971,130	88,750	141,516	210,671	530,193	154	50	39,807	1,068	313,057	503	212,976
1083	Sharon, Pa	96	6,140,725	507,000	1,242,637	2,492,506	1,898,582	112	96	131,504	3,145	1,601,748	3,078	1,586,957
1084	Sharpsburg, Pa	103	1,053,416	121,250	128,250	111,531	692,385	117	32	33,458	1,213	669,946	1,086	644,207
1085	Sharpsville, Pa	21	3,657,100	92,838	804,286	220,265	2,539,711	22	37	42,002	912	531,309	910	531,019
1086	Sheboygan, Wis	206	7,766,616	773,550	1,272,392	1,531,441	4,189,233	211	202	249,931	5,338	1,678,236	4,684	1,568,642
1087	Sheffield, Ala	21	1,226,258	89,600	569,749	210,746	356,163	25	25	34,300	678	246,009	663	242,628
1088	Shelburn, Mass	33	132,063	10,200	22,525	62,529	36,809	33	6	5,284	90	39,096	76	34,556
1089	Shelby, Ohio	63	2,409,230	70,326	570,939	1,117,879	650,086	69	77	88,827	1,045	478,446	860	442,161
1090	Shelbyville, Ill	60	96,294	9,990	13,185	31,495	41,624	75	2	250	102	30,054	85	27,403
1091	Shelbyville, Ind	122	902,725	45,646	114,930	193,951	548,198	148	43	40,101	829	335,744	764	321,449
1092	Shenandoah, Iowa	56	236,623	28,675	46,662	73,171	88,115	65	5	4,330	213	87,078	170	80,517
1093	Shenandoah, Pa	78	374,057	41,125	143,865	98,644	90,423	88	13	13,544	210	88,555	186	83,031
1094	Sheridan, Ind	33	109,111	10,335	19,750	41,100	37,926	36	8	5,476	109	67,248	99	65,777
1095	Sherman, Tex	78	905,742	74,350	172,325	359,609	299,458	79	65	61,880	452	198,582	336	173,409
1096	Shippensburg, Pa	54	263,081	13,150	40,419	45,578	163,934	70	26	13,809	284	71,437	175	56,637
1097	Shreveport, La	115	1,696,339	245,294	321,281	642,178	487,586	106	89	78,644	1,014	413,562	950	396,982
1098	Sidney, Ohio	107	1,173,805	75,270	219,710	307,582	571,243	125	84	62,804	935	337,610	774	304,108
1099	Silver Creek, N. Y	27	626,396	50,875	94,990	81,065	399,466	27	53	55,036	298	146,716	288	143,942
1100	Sioux City, Iowa	329	5,691,644	502,323	1,108,779	1,416,046	2,664,496	376	322	295,157	3,104	1,485,066	2,610	1,380,013
1101	Sioux Falls, S. Dak	148	1,047,899	101,844	156,568	379,372	410,115	170	70	48,025	586	288,919	498	270,479
1102	Skowhegan, Me	69	941,681	182,400	108,500	195,172	455,609	75	29	32,019	617	245,314	473	209,399
1103	Slatington, Pa	54	756,751	46,775	73,775	194,346	441,855	61	43	29,827	926	362,384	780	336,341
1104	Smithfield, R. I	16	325,933	33,175	79,079	123,301	90,378	17	4	2,350	203	73,519	131	53,639
1105	Snohomish, Wash	22	137,625	16,300	20,150	35,280	65,895	23	11	8,550	130	73,182	125	72,387
1106	Socorro, N. Mex	19	104,500	8,300	29,100	38,600	28,500	19	2	2,400	85	34,570	83	33,920
1107	Solvay, N. Y	8	214,116	7,200	34,800	130,979	41,137	7	9	5,235	99	59,153	83	55,290
1108	Somersworth, N. H	83	3,133,909	21,139	398,306	769,500	1,944,964	89	24	24,468	2,720	806,320	1,341	543,201
1109	Somerville, Mass	378	10,131,596	1,112,394	2,020,145	1,187,235	5,811,822	419	294	266,918	4,342	2,199,491	3,877	2,059,410
1110	Somerville, N. J	88	1,160,976	74,700	163,100	296,885	626,291	97	58	64,353	402	235,050	353	202,152
1111	South Amboy, N. J	44	282,770	15,100	161,525	40,405	65,740	47	13	10,485	238	118,344	226	110,934
1112	South Bend, Ind	302	18,156,638	2,405,343	3,390,258	1,858,555	10,502,482	330	539	577,520	8,257	3,409,637	6,926	3,043,238
1113	South Berwick, Me	25	637,153	28,525	112,550	118,360	377,718	22	26	23,870	506	190,047	322	142,156
1114	South Bethlehem, Pa	127	8,713,185	126,745	707,745	1,161,995	6,716,700	126	281	342,142	5,544	2,390,100	4,828	2,254,478
1115	Southbridge, Mass	109	4,269,358	272,191	551,246	941,674	2,504,247	112	67	94,454	2,871	1,225,064	1,989	961,793
1116	South Glens Falls, N. Y	7	316,085	6,000	3,500	12,100	294,485	9	8	6,000	144	63,402	144	63,402

TOWNS, AND VILLAGES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.				MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
6	$1,039	2	$156	$4,183	$1,477	$890	$1,816	----------	$94,818	$93,345	$1,473	$149,854	1037
15,548	4,113,863	3,013	539,747	33,271,804	2,262,390	745,815	24,489,616	$5,773,983	117,861,443	115,458,275	2,403,168	233,629,733	1038
4	1,200	1	150	28,601	655	1,202	17,996	8,748	271,292	254,084	17,208	606,736	1039
43	9,004	----------	----------	37,786	4,119	4,053	22,646	6,968	462,842	437,731	25,111	893,823	1040
3,922	1,046,002	280	40,433	3,668,047	435,990	115,650	2,323,554	792,853	19,464,570	19,098,732	365,838	38,541,030	1041
27	7,210	4	639	34,815	3,684	2,083	27,003	2,045	274,104	264,268	9,836	509,471	1042
14	3,108	5	753	55,301	3,911	6,366	43,269	1,755	1,302,662	1,294,981	7,681	1,764,476	1043
2,135	641,272	169	29,191	464,618	89,915	51,756	264,262	58,685	7,159,987	7,041,871	118,116	12,257,449	1044
246	40,917	107	15,058	34,042	6,015	4,448	23,579	----------	550,093	514,589	35,504	1,155,099	1045
222	28,080	360	35,214	715,301	6,621	7,621	695,499	5,560	854,716	840,288	14,428	2,067,240	1046
128	41,139	6	2,073	135,603	10,278	9,872	113,374	2,079	1,230,584	1,199,505	31,079	2,380,424	1047
95	23,919	6	1,760	53,556	12,355	6,502	32,996	1,703	427,495	413,673	13,822	808,538	1048
11	3,000	6	650	82,510	2,314	1,555	77,441	1,200	533,254	528,037	5,217	768,435	1049
56	11,560	13	1,736	94,333	10,080	3,334	63,539	17,380	885,153	869,246	15,907	1,329,985	1050
----------	----------	----------	----------	578	107	51	420	----------	8,248	7,971	277	24,325	1051
286	57,872	177	46,630	28,481	2,139	3,370	22,472	500	559,070	519,903	39,167	939,954	1052
485	132,679	88	15,639	479,634	107,785	32,588	291,397	47,864	2,743,674	2,662,250	81,424	6,109,409	1053
262	58,881	30	4,245	654,339	54,563	33,691	563,904	2,181	3,284,524	3,176,847	107,677	6,821,797	1054
114	29,362	2	437	132,568	36,681	6,515	67,228	22,144	556,787	530,547	26,240	1,309,321	1055
207	41,473	44	7,028	379,042	22,833	19,070	336,999	140	1,394,147	1,325,649	68,498	3,190,342	1056
3	900	----------	----------	106,961	2,171	2,710	102,080	----------	322,000	288,405	33,595	699,085	1057
39	13,616	10	2,956	218,207	1,991	12,279	203,037	900	1,663,816	1,592,031	71,785	2,974,025	1058
766	238,643	116	24,146	240,060	3,173	7,333	229,304	250	1,891,762	1,811,671	80,091	3,254,890	1059
9,321	2,734,984	935	195,664	8,826,167	2,083,400	354,450	5,295,847	1,092,470	79,492,952	77,797,077	1,695,875	133,069,416	1060
532	153,236	27	4,706	351,131	81,953	18,470	239,906	10,802	2,447,365	2,374,571	72,794	4,584,072	1061
20	4,666	6	732	26,586	3,975	2,303	20,308	----------	330,155	327,629	2,526	712,421	1062
17	4,603	2	300	149,035	13,290	7,593	115,952	12,200	873,438	862,607	10,831	1,648,483	1063
1	300	7	1,092	13,446	6,783	1,053	5,500	110	88,966	86,203	2,763	204,123	1064
267	68,125	----------	----------	98,781	22,491	4,389	51,017	20,884	902,579	887,414	15,165	1,521,343	1065
364	84,683	3	354	143,770	30,447	5,694	88,665	18,964	980,895	965,074	15,821	2,006,259	1066
85	18,267	3	466	469,918	65,208	50,681	352,229	1,800	3,915,884	3,822,410	93,474	6,461,816	1067
143	44,769	3	572	73,090	13,107	3,900	54,036	2,047	717,539	699,870	17,669	1,352,114	1068
54	14,194	3	464	56,234	10,883	3,525	41,826	----------	491,004	486,043	4,961	1,166,700	1069
60	9,373	9	2,622	40,754	1,717	8,412	28,625	2,000	1,170,326	1,148,685	21,641	1,945,797	1070
607	155,371	45	8,020	635,955	50,119	17,104	423,138	145,594	4,953,662	4,851,135	102,527	9,288,387	1071
270	63,418	10	2,209	15,605	2,012	822	12,771	----------	1,105,426	1,094,883	10,543	1,497,484	1072
214	63,480	73	11,672	61,956	661	6,229	9,595	45,471	289,342	282,370	6,972	638,146	1073
----------	----------	2	300	6,532	1,650	613	4,159	110	173,319	172,844	475	326,114	1074
2,863	525,849	1,030	156,410	1,857,881	154,034	91,394	1,159,672	452,781	18,411,022	17,340,548	1,070,474	27,646,418	1075
543	188,969	67	14,193	1,479,604	245,735	48,671	686,731	498,467	14,211,191	14,056,769	154,422	26,373,402	1076
280	57,520	14	2,437	69,949	19,568	8,170	41,769	442	811,697	780,082	31,615	1,599,326	1077
248	43,983	114	11,811	93,034	13,079	11,955	61,032	6,968	1,163,936	1,116,144	47,792	2,015,777	1078
144	32,953	11	1,513	136,941	14,766	9,097	113,078	----------	840,702	816,837	23,865	1,992,115	1079
79	25,122	4	600	45,071	6,476	7,243	28,352	3,000	2,092,580	2,046,983	45,597	2,947,463	1080
134	28,714	42	5,951	45,268	6,559	7,244	31,335	130	1,089,058	1,076,774	12,284	1,622,408	1081
480	91,741	85	8,340	130,080	20,769	1,575	29,252	78,484	905,421	896,496	8,925	1,656,606	1082
50	12,280	17	2,511	470,574	9,209	19,134	411,839	30,392	6,751,895	6,148,550	603,345	9,865,039	1083
15	3,982	112	21,757	81,674	15,856	3,986	31,028	30,804	1,854,014	1,732,013	122,001	2,950,668	1084
1	250	1	40	229,576	493	7,421	221,662	----------	4,220,305	2,985,068	1,235,237	6,238,801	1085
825	55,532	329	54,062	678,413	14,262	34,560	609,117	20,474	3,995,102	3,890,507	104,595	7,469,202	1086
3	551	12	2,830	123,390	777	5,634	116,979	----------	874,592	498,366	376,226	1,461,418	1087
12	4,040	2	500	7,053	2,398	564	4,066	25	50,112	48,092	2,020	140,575	1088
182	35,915	8	370	134,264	3,935	11,516	112,813	6,000	1,770,640	1,701,727	68,913	2,625,066	1089
12	2,264	5	387	8,574	3,806	810	3,036	922	106,199	104,262	1,937	203,717	1090
38	10,490	27	3,805	74,981	10,624	4,256	57,926	2,175	871,033	860,880	10,153	1,572,536	1091
33	5,784	10	777	12,076	3,725	1,518	6,833	----------	200,213	192,803	7,410	382,740	1092
22	5,286	2	238	96,929	6,139	1,873	88,627	290	180,224	176,959	3,265	479,336	1093
6	1,042	4	429	4,971	938	928	3,105	----------	99,018	87,314	11,704	241,567	1094
81	20,302	35	4,871	87,946	9,599	6,720	69,797	1,830	1,175,693	1,148,901	26,792	1,721,280	1095
107	14,619	2	181	17,233	2,412	532	8,921	5,368	186,893	184,101	2,792	391,727	1096
57	15,858	7	722	105,345	22,460	15,770	66,773	342	1,045,452	1,006,631	38,821	1,964,820	1097
159	33,245	2	257	101,178	6,837	8,465	85,776	100	1,088,669	1,064,793	23,876	1,858,626	1098
10	2,774	----------	----------	53,930	1,416	2,467	50,047	----------	217,842	212,615	5,227	563,662	1099
438	95,925	56	9,128	664,486	73,239	25,611	550,221	15,415	10,669,672	10,489,555	180,117	15,469,702	1100
85	17,440	3	1,000	159,694	23,678	5,038	113,771	17,207	563,376	540,874	22,502	1,411,411	1101
135	34,570	9	1,345	43,068	14,106	4,505	23,044	1,413	761,463	748,237	13,226	1,252,955	1102
65	13,418	81	12,625	49,291	25,942	1,159	20,628	1,562	321,121	290,343	30,778	947,737	1103
58	18,525	14	1,355	11,564	892	1,314	9,358	----------	196,939	192,155	4,784	311,723	1104
----------	----------	5	795	15,976	2,610	1,033	12,333	----------	316,052	313,584	2,468	484,446	1105
2	650	----------	----------	5,100	574	1,247	2,279	1,000	50,234	39,874	10,360	126,889	1106
16	3,863	----------	----------	39,147	720	214	37,813	400	112,215	108,903	3,312	237,514	1107
1,201	236,879	178	26,240	185,680	7,753	27,355	150,512	60	2,062,927	2,028,562	34,365	3,605,666	1108
425	130,942	40	9,139	706,415	54,000	69,471	443,367	139,577	17,346,772	17,171,501	175,271	21,776,511	1109
40	31,562	9	1,336	100,710	17,955	4,352	39,603	38,800	797,606	779,534	18,072	1,354,373	1110
3	754	9	1,656	11,326	2,761	1,267	3,269	4,029	147,865	140,952	6,913	322,457	1111
1,120	332,670	211	33,734	950,093	96,656	82,023	762,454	8,960	7,510,806	7,335,302	175,504	14,236,331	1112
184	47,891	----------	----------	39,370	994	3,229	35,138	9	480,533	474,266	6,267	788,899	1113
474	94,976	242	40,646	931,898	463,292	28,195	388,327	52,084	5,301,034	4,504,631	796,403	10,964,911	1114
748	241,425	134	21,856	222,267	10,336	37,880	135,451	38,600	1,947,000	1,884,004	62,996	3,854,638	1115
----------	----------	----------	----------	10,216	3,450	2,448	4,318	----------	169,537	169,308	229	267,077	1116

TABLE 3.—SUMMARY FOR 1,341 CITIES,

	Cities, towns, and villages.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Total. Wages.	Men, 16 years and over. Average number.	Men, 16 years and over. Wages.
1117	South Hadley, Mass	24	$758,186	$67,238	$206,797	$128,850	$355,301	26	23	$28,198	254	$109,352	141	$79,543
1118	Southington, Conn	65	2,783,709	164,770	474,600	889,897	1,254,442	55	70	103,422	1,415	627,604	1,304	603,269
1119	South Kingstown, R. I	71	1,697,485	99,625	253,095	308,234	1,036,531	75	45	34,868	810	349,544	554	270,197
1120	South Milwaukee, Wis	29	1,092,523	80,100	144,635	241,426	626,362	28	31	32,714	595	318,149	583	315,031
1121	South Omaha, Nebr	139	16,471,329	859,382	4,040,087	1,400,639	10,171,221	150	774	738,429	6,606	3,268,591	6,045	3,120,052
1122	South Orange, N. J	45	108,664	20,500	21,375	18,085	48,704	53	3	2,720	157	88,740	137	83,908
1123	South Pittsburg, Tenn	20	1,664,410	77,975	885,095	111,780	589,560	20	26	27,203	678	205,288	646	199,859
1124	South St. Paul, Minn	11	927,504	8,050	119,200	102,725	697,529	6	93	80,954	573	262,485	558	258,293
1125	South Williamsport, Pa	15	586,673	31,131	78,895	217,870	258,777	14	15	16,164	386	146,218	338	141,006
1126	Sparta, Wis	56	221,172	28,936	40,325	74,791	77,120	71	8	5,645	147	56,865	126	53,237
1127	Spartanburg, S. C	45	2,351,175	100,170	408,109	1,282,774	560,122	48	34	41,060	1,375	276,042	679	167,283
1128	Spencer, Mass	81	1,519,234	79,324	75,687	270,151	1,094,072	83	67	45,924	1,665	613,917	1,172	473,926
1129	Spokane, Wash	213	2,678,823	170,474	484,729	795,036	1,228,584	225	249	227,905	1,779	1,080,618	1,631	1,034,426
1130	Spring City, Pa	47	509,362	45,200	94,800	99,689	269,673	46	20	19,708	482	198,685	260	141,254
1131	Springfield, Ill	320	5,030,438	387,057	839,902	1,666,533	2,136,946	368	235	195,622	3,871	1,780,891	3,367	1,611,619
1132	Springfield, Mass	817	17,105,947	1,535,730	2,677,919	4,858,021	8,034,277	837	953	1,035,696	10,123	5,176,299	7,453	4,362,605
1133	Springfield, Mo	245	2,111,048	140,802	475,637	591,788	902,821	273	121	99,110	2,127	1,017,345	1,956	981,721
1134	Springfield, Ohio	305	14,091,175	636,895	1,539,570	2,034,378	9,880,332	300	1,313	1,113,310	6,638	3,160,119	6,119	3,041,460
1135	Springfield, Vt	46	985,356	77,420	128,488	174,998	604,450	40	38	47,602	602	286,195	536	267,577
1136	Spring Valley, Ill	32	42,741	5,400	11,825	10,939	14,577	36	2	1,082	57	29,439	50	28,041
1137	Springville, Utah	17	156,760	8,000	27,250	114,695	6,815	18	1	225	14	6,860	12	6,316
1138	Stafford, Conn	75	2,061,474	91,800	275,301	414,766	1,279,607	78	53	57,457	1,061	399,876	650	278,174
1139	Stamford, Conn	185	5,189,195	264,424	833,765	1,755,979	2,335,027	208	288	264,622	2,841	1,432,540	2,480	1,339,289
1140	Staunton, Va	89	438,270	46,827	50,862	111,775	228,806	103	15	10,263	316	90,715	232	78,616
1141	Steelton, Pa	55	6,315,833	99,166	967,815	857,651	4,391,201	51	273	275,189	4,871	2,127,334	4,756	2,103,948
1142	Sterling, Ill	118	1,065,177	104,811	173,728	216,815	569,823	128	55	62,172	704	290,434	638	275,269
1143	Steubenville, Ohio	171	2,587,180	385,911	609,950	771,287	820,032	189	100	84,526	2,051	874,095	1,613	778,433
1144	Stevens Point, Wis	107	2,197,025	412,432	296,923	582,470	905,200	114	51	49,523	979	390,800	796	361,769
1145	Stillwater, Minn	114	5,451,915	1,712,851	190,275	625,082	2,923,707	128	128	144,735	2,803	1,122,330	2,767	1,112,689
1146	Stockton, Cal	291	4,810,253	709,627	626,294	1,193,747	2,280,585	335	164	165,762	1,649	944,734	1,443	891,553
1147	Stoneham, Mass	94	822,071	47,175	92,250	195,314	487,332	103	64	75,881	1,290	544,213	751	353,173
1148	Stonington, Conn	118	3,733,679	90,806	518,345	1,110,505	2,014,023	130	84	127,514	1,967	902,740	1,562	785,520
1149	Stoughton, Mass	56	2,125,321	46,825	189,050	321,255	1,568,191	59	40	43,336	1,071	451,274	681	346,915
1150	Stoughton, Wis	14	713,452	19,600	102,725	89,976	501,151	13	31	28,569	263	118,711	257	116,887
1151	Streator, Ill	131	1,050,999	107,224	305,936	208,021	429,818	137	44	45,149	1,564	772,187	1,276	716,433
1152	Stroudsburg, Pa	55	461,770	43,775	90,350	171,810	155,835	63	13	12,015	544	232,046	451	211,291
1153	Sturgis, Mich	56	337,252	13,985	54,040	59,902	209,325	66	15	13,726	323	120,507	307	117,812
1154	Suffolk, Va	67	402,079	24,932	49,211	102,110	225,826	73	28	22,375	881	197,849	478	156,454
1155	Summit Hill, Pa	14	34,078	1,375	3,935	2,658	26,110	16	------	------	29	11,105	25	10,620
1156	Sumter, S. C	52	308,272	9,050	35,125	193,497	70,600	57	19	12,765	409	79,013	329	66,564
1157	Sunbury, Pa	76	2,101,602	139,894	353,119	580,335	1,028,254	76	80	55,513	1,140	441,531	867	390,030
1158	Superior, Wis	185	5,882,562	897,022	1,742,360	1,813,871	1,429,309	188	148	168,714	1,958	925,776	1,786	868,385
1159	Susquehanna, Pa	82	810,076	69,950	213,948	396,770	129,408	81	18	12,580	1,187	613,508	1,159	606,394
1160	Swanton, Vt	46	306,698	54,225	50,650	66,386	135,437	55	27	17,286	259	80,546	192	71,023
1161	Sycamore, Ill	82	503,733	32,250	87,482	132,843	251,158	91	27	26,340	425	202,774	381	191,730
1162	Syracuse, N. Y	1,383	31,358,055	2,901,602	5,044,222	8,882,531	14,529,700	1,514	1,431	1,424,279	14,917	6,735,177	11,880	5,975,574
1163	Tacoma, Wash	381	8,146,691	1,531,033	1,035,283	2,035,307	3,545,068	385	293	326,340	4,347	2,356,028	4,104	2,285,516
1164	Talladega, Ala	22	848,414	24,487	383,751	233,468	206,708	13	20	14,981	343	77,311	229	65,207
1165	Tampa, Fla	129	3,935,647	209,738	509,105	455,814	2,760,990	161	187	240,165	4,109	2,009,077	3,537	1,815,426
1166	Tamaqua, Pa	64	917,124	87,415	260,350	319,276	250,083	65	28	24,635	564	229,728	419	204,984
1167	Tarentum, Pa	55	2,192,747	216,806	547,150	880,313	548,478	58	59	81,620	1,420	628,233	1,197	589,270
1168	Tarrytown, N. Y	77	467,707	62,650	56,350	197,219	151,488	81	24	12,656	375	207,453	298	190,584
1169	Taunton, Mass	284	11,737,399	445,836	1,974,207	2,660,336	6,657,020	281	330	430,818	7,102	3,331,680	5,235	2,757,650
1170	Tawas City, Mich	11	161,715	14,350	40,750	42,840	63,775	17	7	5,222	108	48,440	107	48,240
1171	Taylor, Pa	12	170,549	6,286	14,615	51,186	98,462	12	8	6,139	197	30,375	14	7,584
1172	Taylor, Tex	72	184,735	20,425	46,445	79,935	37,930	68	10	11,840	207	92,958	200	89,993
1173	Taylorville, Ill	60	229,598	24,995	39,825	89,004	75,774	69	7	4,757	140	54,316	123	50,258
1174	Tecumseh, Mich	61	264,815	33,050	68,850	57,060	105,855	65	12	7,640	293	123,348	264	117,042
1175	Tell City, Ind	46	466,979	31,810	93,806	91,330	250,033	38	24	14,310	585	188,005	440	162,270
1176	Temple, Tex	74	700,369	55,675	171,325	361,025	112,344	88	31	32,546	328	158,882	304	152,781
1177	Terre Haute, Ind	429	8,938,107	730,715	1,531,520	3,046,181	3,629,691	493	353	351,127	5,427	2,298,585	4,344	2,044,323
1178	Thomaston, Conn	23	1,778,944	35,567	189,900	370,957	1,182,520	21	36	51,980	1,154	545,479	890	473,939
1179	Thomaston, Me	35	501,265	183,150	84,625	21,480	212,010	51	10	9,100	215	108,610	206	107,060
1180	Thompson, Conn	19	4,511,383	26,495	939,720	1,722,603	1,822,565	19	45	64,042	1,766	575,567	1,060	399,025
1181	Three Rivers, Mich	67	561,558	49,035	138,500	140,009	234,014	66	31	33,536	491	201,498	454	193,509
1182	Tiffin, Ohio	153	2,319,720	145,019	488,710	714,376	971,615	168	110	77,730	1,368	569,660	1,066	500,422
1183	Tilton, N. H	41	180,622	11,475	25,400	57,365	86,382	45	11	8,239	219	90,663	120	54,756
1184	Tipton, Ind	56	203,087	24,650	28,750	41,460	108,227	71	6	5,700	277	109,605	212	97,535
1185	Titusville, Pa	113	2,550,452	121,516	398,740	739,743	1,290,453	127	67	92,408	1,204	522,749	1,104	505,926
1186	Tiverton, R. I	22	749,331	60,950	154,464	268,720	265,197	19	9	13,896	541	192,361	335	142,759
1187	Toledo, Ohio	1,050	25,591,916	2,180,994	4,570,338	6,653,454	12,187,130	1,114	1,278	1,224,281	15,383	6,845,687	12,717	6,240,139
1188	Tomah, Wis	47	986,180	655,000	73,385	75,245	182,550	53	13	9,590	212	89,002	210	88,617
1189	Tomahawk, Wis	33	172,514	11,925	39,418	80,955	40,216	29	5	5,460	180	93,271	166	90,046
1190	Tonawanda, N. Y	60	1,540,789	108,798	126,559	175,329	1,130,103	60	42	43,517	398	158,851	366	154,005
1191	Topeka, Kans	399	3,891,530	214,291	867,930	1,329,600	1,479,709	472	319	232,602	3,758	2,110,721	3,443	2,040,237
1192	Toronto, Ohio	40	649,653	71,700	220,402	168,208	189,343	40	38	33,262	640	315,400	560	295,509
1193	Torrington, Conn	108	6,544,511	314,614	854,519	1,135,105	4,240,273	112	152	217,559	3,522	1,704,291	3,106	1,546,716
1194	Towanda, Pa	89	673,021	40,000	83,115	187,220	362,686	111	42	30,220	559	185,477	435	162,095
1195	Traverse City, Mich	80	1,004,531	177,411	137,801	256,408	432,911	94	53	44,900	878	374,396	734	338,319
1196	Trenton, Mo	86	205,715	14,180	41,424	65,974	84,137	98	23	13,646	252	113,508	224	108,054

TOWNS, AND VILLAGES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.				MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
113	$29,809			$35,564	$1,117	$9,918	$23,029	$1,500	$238,361	$217,197	$21,164	$522,810	1117
111	24,335			112,884	2,724	13,783	94,627	1,750	797,102	735,267	61,835	1,994,564	1118
219	72,629	37	$6,718	72,995	2,946	3,443	51,806	14,800	885,192	867,019	18,173	1,536,535	1119
5	1,118	7	2,000	44,783	839	2,587	41,345	12	553,088	517,407	35,681	1,028,703	1120
231	73,779	330	74,760	1,719,920	38,107	46,273	1,623,159	12,381	61,277,486	60,899,442	378,044	70,080,941	1121
20	4,832			12,841	3,486	510	5,735	3,110	165,912	164,674	1,238	327,552	1122
12	2,220	20	3,209	130,725	1,658	6,465	122,602		736,211	485,635	250,576	1,188,616	1123
7	2,400	8	1,792	61,437	598	6,123	54,716		5,168,573	5,138,987	29,586	5,714,757	1124
2	240	46	4,972	41,671	827	2,289	38,529	26	342,755	326,895	15,860	629,446	1125
21	3,628			12,041	4,589	1,912	5,540		202,928	194,257	8,671	343,759	1126
359	67,505	337	41,254	83,721	3,459	14,863	64,359	1,040	923,217	881,649	41,568	1,630,275	1127
434	126,713	59	13,278	92,632	18,198	10,945	59,414	4,075	1,812,515	1,799,467	13,048	2,784,994	1128
146	45,856	2	336	414,526	80,459	18,794	234,106	81,167	2,854,463	2,787,231	67,232	5,427,540	1129
173	44,600	49	12,831	19,573	2,859	1,568	15,146		280,290	261,084	19,206	655,974	1130
469	113,945	35	5,327	631,823	62,392	25,410	422,352	121,669	3,290,207	3,175,004	115,203	6,612,286	1131
2,536	785,460	134	28,234	2,067,702	261,276	105,406	1,178,641	522,379	9,194,841	8,991,127	203,714	21,207,039	1132
145	32,222	26	3,402	154,290	27,832	14,526	68,827	43,105	2,274,705	2,222,823	51,882	4,126,871	1133
496	115,055	23	3,604	1,286,798	55,322	78,470	1,129,968	23,038	5,569,261	5,425,089	144,172	12,777,173	1134
65	18,288	1	330	76,870	4,920	8,902	54,148	8,900	540,859	527,916	12,943	1,210,286	1135
4	1,048	3	350	3,817	1,716	319	1,782		59,572	59,090	482	127,804	1136
2	544			4,969	3,200	1,324	445		77,242	70,610	6,632	95,482	1137
341	109,095	70	12,607	105,606	8,338	7,802	82,450	7,016	1,347,143	1,302,221	44,922	2,177,535	1138
276	77,381	85	15,870	464,452	34,551	20,474	390,827	18,600	2,059,725	1,932,329	127,396	4,743,704	1139
73	10,924	11	1,175	41,727	9,978	3,084	22,085	6,580	622,142	613,060	9,082	900,750	1140
92	20,613	23	2,773	941,119	13,062	24,159	884,950	18,948	10,006,789	8,714,704	1,292,085	14,204,954	1141
62	14,434	4	731	102,855	11,442	5,659	70,276	15,478	991,892	967,516	24,376	1,733,144	1142
246	61,477	192	34,185	227,624	76,387	16,051	130,570	4,616	2,698,875	2,104,699	594,176	5,235,161	1143
163	26,536	20	2,495	98,056	6,775	11,792	69,289	10,200	1,391,413	1,346,974	44,439	2,171,265	1144
35	9,591	1	50	203,523	17,805	39,641	145,332	745	2,508,559	2,496,158	12,401	4,904,792	1145
178	49,422	28	3,759	332,047	46,226	32,732	215,613	37,476	4,515,356	4,446,860	68,496	6,659,916	1146
517	185,175	22	5,865	75,708	12,152	5,323	54,083	4,150	1,894,999	1,881,518	13,481	2,856,919	1147
356	110,891	49	6,329	344,536	21,612	8,661	290,076	24,187	1,312,285	1,269,724	42,561	3,231,423	1148
367	99,709	23	4,650	161,183	4,410	10,818	121,862	24,093	1,521,417	1,499,404	22,013	2,297,798	1149
5	1,674	1	150	43,513	3,364	2,086	38,063		236,825	232,803	4,022	505,715	1150
106	30,963	182	24,791	114,894	11,124	7,473	87,397	8,900	578,128	518,945	59,183	1,761,143	1151
43	12,110	50	8,645	25,142	7,111	1,368	16,663		589,797	582,063	7,734	959,845	1152
16	2,695			14,401	2,762	1,565	9,974	100	233,542	227,573	5,969	478,093	1153
244	29,730	159	11,665	48,979	10,697	1,608	36,674		1,060,006	1,053,712	6,294	1,499,068	1154
3	425	1	60	745	498	60	187		27,342	27,081	261	51,323	1155
58	10,429	22	2,020	23,689	5,085	1,955	16,449	200	392,386	382,342	10,044	590,337	1156
222	45,527	51	5,974	177,578	6,005	6,047	63,723	101,803	1,360,184	1,347,955	12,229	2,254,609	1157
140	53,094	32	4,297	378,667	36,734	37,636	299,789	4,508	5,396,730	5,319,788	76,942	7,527,703	1158
17	5,155	11	1,959	18,938	5,300	3,604	7,534	2,500	685,438	674,079	11,359	1,416,927	1159
66	9,451	1	72	23,648	3,006	1,841	18,801		295,193	276,881	18,312	480,601	1160
43	10,844	1	200	39,444	4,811	1,975	25,658	7,000	776,875	766,986	9,889	1,367,655	1161
2,779	719,719	258	39,884	3,423,671	317,769	115,058	2,329,899	665,945	14,771,128	14,304,196	466,932	31,948,055	1162
203	60,695	40	9,817	461,017	71,002	45,075	327,635	17,305	7,389,166	7,278,464	110,702	12,029,497	1163
54	7,050	60	5,054	25,979	1,197	1,951	22,831		427,544	320,995	106,549	583,902	1164
569	193,326	3	325	591,403	22,609	20,742	548,052		3,542,283	3,502,279	40,004	7,481,741	1165
117	20,288	28	4,456	87,826	5,073	3,202	56,859	22,692	388,937	379,482	9,455	847,964	1166
85	21,489	138	17,474	254,885	2,038	7,021	224,776	21,050	755,942	649,491	106,451	1,980,947	1167
76	16,669	1	200	35,930	9,845	1,460	22,965	1,660	327,008	319,444	7,564	719,020	1168
1,541	511,325	326	62,705	908,180	41,305	98,606	751,381	16,888	5,993,237	5,772,053	221,184	12,594,814	1169
1	200			3,513	229	675	2,609		95,173	93,274	1,899	173,715	1170
145	19,418	38	3,373	29,742	1,980	111	2,619	25,032	95,113	93,798	1,315	166,438	1171
7	2,965			21,862	4,425	1,181	6,625	9,631	206,917	200,784	6,133	429,955	1172
14	3,717	3	341	15,028	4,033	1,255	9,615	125	149,734	147,174	2,560	281,762	1173
28	6,162	1	144	24,863	2,292	1,475	17,696	3,400	190,394	184,380	6,014	429,085	1174
138	24,783	7	952	51,808	779	4,910	46,119		320,078	314,157	5,921	711,849	1175
20	5,585	4	516	36,403	7,510	5,191	23,402	300	569,580	549,373	20,207	908,726	1176
1,067	252,081	16	2,181	15,358,415	62,749	47,734	15,088,687	159,245	8,029,285	7,798,189	231,096	27,784,619	1177
219	64,929	45	6,611	95,997	2,935	8,167	84,895		1,486,133	1,457,150	28,983	2,374,481	1178
9	1,550			9,854	1,868	1,450	6,536		226,996	194,311	32,685	442,716	1179
576	154,357	130	22,185	62,236	9,017	10,624	42,495	100	928,432	898,277	30,155	1,645,476	1180
37	7,989			49,347	7,526	5,624	34,166	2,031	828,266	806,386	21,880	1,238,245	1181
296	67,906	6	1,332	194,471	13,459	13,367	167,024	621	900,003	814,449	85,554	2,107,805	1182
99	35,907			13,097	3,605	843	6,824	1,825	153,484	150,498	2,986	326,055	1183
53	10,510	12	1,560	12,672	3,620	2,481	6,536	35	357,678	352,130	5,548	594,161	1184
92	15,978	8	845	216,767	13,627	7,080	143,010	53,050	1,657,275	1,586,535	70,740	2,995,292	1185
156	43,992	50	5,610	25,655	490	6,208	12,622	6,335	292,350	278,178	14,172	730,398	1186
2,404	551,721	262	53,827	3,068,389	259,845	153,514	2,490,855	164,175	21,986,798	21,477,275	509,523	37,372,355	1187
2	385			30,746	1,324	6,607	22,815		531,287	528,842	2,445	743,615	1188
10	2,325	4	900	26,632	3,704	2,121	20,647	160	51,609	50,121	1,488	218,838	1189
8	2,290	24	2,556	40,382	3,557	2,456	16,844	17,525	1,227,349	1,223,472	3,877	1,676,280	1190
291	66,628	24	3,856	417,231	67,882	33,250	242,111	73,988	6,023,934	5,911,064	112,870	9,977,605	1191
68	17,827	12	2,064	66,130	1,700	4,788	54,642	5,000	235,721	178,154	57,567	809,446	1192
309	131,632	107	25,943	409,102	84,355	28,011	264,247	32,489	6,687,684	6,533,200	154,484	10,017,121	1193
96	19,403	28	3,979	35,655	10,932	1,260	23,232	231	358,155	351,864	6,291	732,433	1194
127	32,956	17	3,121	53,601	9,248	8,115	35,238	1,000	629,634	622,045	7,589	1,362,860	1195
28	5,454			17,817	7,096	2,102	8,006	613	247,841	238,966	8,875	459,748	1196

TABLE 3.—SUMMARY FOR 1,341 CITIES,

	Cities, towns, and villages.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Total. Wages.	Men, 16 years and over. Average number.	Men, 16 years and over. Wages.
1197	Trenton, N. J	570	$26,174,895	$3,402,780	$4,947,856	$4,726,605	$13,097,654	578	839	$996,482	14,457	$6,791,026	11,641	$6,090,836
1198	Trenton, Tenn	24	312,018	28,675	56,767	117,948	108,658	29	15	11,486	469	165,646	363	147,586
1199	Trinidad, Colo	87	481,451	35,469	105,322	115,629	225,031	101	22	20,672	329	202,422	308	197,164
1200	Troy, Ind	10	104,220	6,900	21,000	15,655	60,665	12	2	1,080	95	19,016	38	13,320
1201	Troy, N. Y	662	23,531,622	1,433,776	3,238,085	4,730,918	14,128,843	785	917	1,045,237	21,564	8,571,923	7,852	4,252,669
1202	Troy, Ohio	104	1,664,085	77,000	242,678	219,479	1,124,928	140	81	76,242	899	355,227	723	316,812
1203	Tulare, Cal	29	79,075	5,675	9,600	40,525	23,275	31	3	1,800	38	16,260	30	14,325
1204	Turtle Creek, Pa	14	14,800	3,000	3,250	4,360	4,190	15			15	9,710	15	9,710
1205	Tuscaloosa, Ala	43	353,925	15,450	52,560	207,569	78,346	44	13	16,682	407	104,141	286	90,619
1206	Tuscumbia, Ala	16	46,350	14,325	9,525	10,650	11,850	22	2	396	28	8,040	26	7,776
1207	Two Rivers, Wis	45	836,492	69,098	171,745	216,059	379,590	53	35	40,310	971	250,385	651	216,020
1208	Tyrone, Pa	69	1,098,861	63,461	180,387	500,335	354,678	80	40	44,522	560	243,711	459	223,666
1209	Uhrichsville, Ohio	78	273,602	25,098	89,133	53,743	105,623	76	24	14,380	271	104,650	227	95,077
1210	Union City, Ind	53	232,807	18,100	51,400	46,620	116,687	47	14	12,700	164	71,069	141	65,555
1211	Union, N. J	159	5,618,279	309,886	1,326,194	954,236	3,027,963	168	92	164,086	1,662	841,247	1,067	710,287
1212	Union City, Tenn	35	215,670	15,000	34,000	73,070	93,600	36	17	11,550	191	59,705	141	50,949
1213	Uniontown, Pa	130	872,549	152,850	171,850	223,069	324,780	157	37	25,579	743	323,863	650	301,989
1214	Upper Sandusky, Ohio	35	288,744	25,625	51,404	73,727	137,988	44	10	6,625	165	60,477	151	57,954
1215	Urbana, Ill	54	463,115	40,000	160,550	138,361	124,204	58	33	24,913	538	260,145	516	255,187
1216	Urbana, Ohio	112	1,122,435	81,753	227,997	292,595	520,090	137	70	58,836	811	273,822	673	245,612
1217	Utica, N. Y	733	19,289,502	897,213	2,330,190	4,659,432	11,402,667	842	883	792,574	10,759	4,148,415	6,874	3,177,594
1218	Vallejo, Cal	64	446,696	66,980	45,175	132,259	202,282	67	13	10,720	233	134,994	174	118,009
1219	Valparaiso, Ind	66	189,610	31,925	38,855	61,982	56,848	72	17	14,253	306	92,014	149	59,836
1220	Van Buren, Ark	31	82,560	11,700	16,650	30,801	23,409	31	8	5,614	145	65,278	131	62,007
1221	Van Wert, Ohio	81	434,678	60,430	53,615	150,771	169,862	74	25	14,907	354	150,514	313	142,151
1222	Vernon, Conn	123	5,743,445	270,475	565,417	957,285	3,950,268	122	68	107,343	2,449	928,886	1,481	662,560
1223	Vicksburg, Miss	65	1,360,890	150,125	259,525	449,690	501,550	69	75	70,528	1,222	532,734	1,150	519,681
1224	Victor, Colo	69	178,773	31,675	16,933	41,718	88,447	79	7	5,788	281	244,833	275	242,131
1225	Vincennes, Ind	109	1,552,386	94,311	456,341	508,300	493,434	105	75	58,845	970	388,865	825	354,675
1226	Vineland, N. J	58	840,305	42,300	159,270	185,984	452,751	68	45	28,456	837	369,976	629	313,513
1227	Vinton, Iowa	63	198,237	15,855	46,325	56,473	79,584	81	8	6,470	231	76,001	165	60,779
1228	Virginia City, Nev	22	39,255	2,920	6,295	12,720	17,320	21	2	2,270	23	12,354	15	11,037
1229	Visalia, Cal	43	210,900	26,900	35,100	62,825	86,075	52	5	4,624	236	96,889	106	58,401
1230	Wabash, Ind	109	2,430,502	128,294	497,991	680,395	1,123,822	121	87	83,798	1,241	589,355	1,117	555,206
1231	Wabasha, Minn	44	349,984	17,925	24,102	70,330	237,627	52	11	10,780	83	39,449	74	37,711
1232	Waco, Tex	166	2,096,741	190,728	356,956	766,097	782,960	164	106	108,306	1,227	469,129	913	407,243
1233	Wakefield, Mass	97	3,209,070	133,568	362,323	297,026	2,416,153	101	81	100,394	1,616	784,644	1,227	655,274
1234	Waldoboro, Me	41	158,033	22,327	18,575	44,834	72,297	52	6	3,489	195	74,002	174	70,252
1235	Wallawalla, Wash	70	790,883	80,050	168,075	160,544	382,214	84	21	22,493	266	170,866	254	165,256
1236	Wallingford, Conn	73	5,382,134	250,108	744,700	1,260,375	3,126,951	63	162	285,197	2,270	1,160,551	1,776	1,019,024
1237	Walpole, Mass	44	2,010,385	99,606	326,594	517,645	1,066,540	40	89	137,051	684	370,945	622	353,143
1238	Waltham, Mass	275	9,152,169	409,227	1,114,144	2,779,908	4,848,890	279	198	264,588	5,392	2,630,929	3,263	1,881,046
1239	Wapakoneta, Ohio	60	462,777	33,790	58,955	87,814	282,218	70	24	14,498	411	142,628	387	138,403
1240	Wappingers Falls, N. Y	31	1,947,381	68,200	272,311	713,109	893,761	33	12	15,763	944	448,815	781	413,274
1241	Ware, Mass	100	3,284,599	181,899	688,851	595,379	1,818,470	104	48	64,226	2,777	979,930	1,514	652,939
1242	Warren, Mass	39	1,379,563	77,300	314,577	310,705	676,981	34	22	22,771	1,027	426,594	736	351,698
1243	Warren, Ohio	110	2,952,697	130,955	357,495	897,974	1,566,273	115	133	161,737	1,948	835,718	1,646	762,158
1244	Warren, Pa	119	2,869,020	174,169	466,718	1,142,437	1,085,696	138	74	76,602	1,270	585,590	1,181	560,629
1245	Warren, R. I	61	2,353,264	83,003	506,383	946,628	817,250	62	19	34,880	1,047	396,010	569	252,564
1246	Warsaw, Ind	75	351,872	46,450	51,909	118,429	135,084	88	17	11,221	244	110,822	179	98,478
1247	Warsaw, N. Y	48	3,285,826	461,655	1,493,484	724,221	606,466	44	47	52,247	329	131,611	256	114,234
1248	Warwick, R. I	104	8,418,333	654,711	2,337,068	3,128,957	2,297,597	110	69	116,239	5,544	1,858,462	3,233	1,269,744
1249	Waseca, Minn	69	260,614	16,700	39,410	61,115	143,389	92	15	11,360	172	83,292	160	80,871
1250	Washburn, Wis	35	1,566,855	918,298	99,000	268,748	280,809	37	11	19,500	501	260,036	472	253,690
1251	Washington, D. C	2,669	24,329,135	3,310,548	4,177,354	8,044,805	8,796,428	3,024	1,668	1,314,396	16,297	8,286,337	14,332	7,777,417
1252	Washington, Ind	57	437,177	46,910	160,280	132,837	97,150	55	20	13,165	621	314,742	598	310,584
1253	Washington, N. J	41	759,518	21,125	108,900	112,005	517,488	43	57	35,422	650	258,050	538	241,492
1254	Washington C. H., Ohio	67	403,031	20,132	53,999	170,828	158,072	75	28	20,158	276	101,849	204	83,591
1255	Washington, Pa	150	2,897,671	185,577	504,823	853,626	1,353,645	174	119	130,468	2,206	1,052,616	1,891	987,315
1256	Waterbury, Conn	404	23,421,640	1,948,595	3,271,036	5,807,273	12,394,736	382	699	1,005,814	14,914	7,564,198	10,779	6,108,534
1257	Waterford, N. Y	58	2,593,021	136,800	289,037	810,572	1,356,612	68	62	88,527	1,921	773,786	865	404,115
1258	Waterloo, Iowa	147	1,287,056	136,800	194,946	335,224	620,086	142	108	80,014	1,042	471,608	899	446,425
1259	Waterloo, N. Y	36	1,644,687	72,160	227,347	232,385	1,112,795	39	33	48,998	736	305,648	508	233,495
1260	Watertown, Conn	37	536,524	20,695	77,000	61,245	377,584	39	24	39,255	501	166,340	208	97,697
1261	Watertown, Mass	105	4,549,242	520,513	791,612	1,204,990	2,032,127	106	134	178,235	2,304	1,130,099	1,466	837,059
1262	Watertown, N. Y	289	8,281,845	664,381	1,139,912	2,399,291	4,078,261	302	247	279,900	3,760	1,821,477	3,230	1,709,626
1263	Watertown, Wis	86	1,776,312	202,054	461,574	402,311	710,373	103	56	50,241	621	204,305	530	191,848
1264	Waterville, Me	89	3,972,016	181,050	826,050	1,506,877	1,458,039	99	56	54,512	2,203	779,308	1,235	555,564
1265	Watervliet, N. Y[1]	135	1,826,691	109,100	239,700	324,181	1,153,710	136	69	81,721	1,167	460,352	756	350,168
1266	Watsontown, Pa	21	257,571	12,250	45,360	59,678	140,283	20	38	23,588	280	91,651	259	87,142
1267	Waukegan, Ill	102	3,143,918	204,280	412,400	1,037,774	1,489,464	106	50	64,496	1,390	771,386	1,261	744,895
1268	Waupun, Wis	42	493,590	14,269	42,950	68,023	368,348	47	22	23,650	267	87,988	170	69,534
1269	Wausau, Wis	137	3,094,178	399,474	844,950	432,334	1,917,420	149	100	104,920	1,643	594,626	1,467	571,828
1270	Wauwatosa, Wis	37	3,110,023	777,150	530,100	409,629	1,393,144	36	161	152,840	2,312	1,154,948	2,302	1,152,059
1271	Waverly, N. Y	90	477,724	41,005	81,893	124,064	230,762	98	37	17,905	295	112,332	249	103,950
1272	Waynesboro, Pa	61	3,984,774	60,125	271,665	310,535	3,342,449	61	97	98,069	1,103	507,628	1,086	504,872
1273	Weatherford, Tex	83	309,550	22,640	44,095	152,552	90,263	79	22	13,017	173	72,671	158	69,149
1274	Webb City, Mo	42	211,090	18,773	46,790	74,545	70,982	42	8	6,934	164	79,294	145	75,346
1275	Webster, Mass	83	3,733,575	50,695	364,375	534,496	2,784,009	87	51	52,332	2,490	870,244	1,668	659,769
1276	Webster City, Iowa	83	348,455	34,100	71,028	87,852	155,475	36	24	14,680	205	78,297	176	70,951

[1] Given as West Troy in 1890.

TOWNS, AND VILLAGES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.				MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
2,484	$638,600	332	$61,590	$2,057,474	$97,659	$107,882	$1,774,730	$77,203	$18,057,504	$17,366,069	$691,435	$31,645,695	1197
46	11,820	60	6,240	16,761	1,225	1,550	13,986	----------	582,121	571,515	10,606	930,849	1198
18	4,806	3	452	79,961	11,232	4,574	57,914	6,241	238,212	230,311	7,901	679,649	1199
55	5,546	2	150	5,582	246	810	4,426	100	84,592	83,405	1,187	123,328	1200
13,457	4,278,878	255	40,376	2,350,664	230,820	90,808	1,620,473	408,563	11,291,740	10,953,355	338,385	28,209,259	1201
175	38,340	1	75	197,579	8,051	7,457	181,009	1,062	1,135,619	1,117,887	17,732	2,019,557	1202
6	1,680	2	255	4,943	1,800	668	2,475	----------	67,380	64,602	2,778	118,862	1203
----------	----------	----------	----------	1,434	1,252	78	104	----------	21,825	21,559	266	45,078	1204
71	10,966	50	2,556	26,918	2,627	1,854	21,937	500	304,529	294,545	9,984	511,683	1205
1	168	1	96	1,785	694	481	610	----------	51,280	50,263	1,017	80,787	1206
184	18,400	136	15,965	75,126	1,829	8,113	65,184	----------	591,406	579,418	11,988	1,177,621	1207
86	18,529	15	1,516	62,286	9,431	3,657	49,048	150	670,868	624,732	46,136	1,305,899	1208
41	9,165	3	408	25,694	2,505	1,170	13,215	8,804	197,070	186,286	10,784	446,780	1209
19	5,024	4	490	16,022	3,425	1,836	10,761	----------	237,692	234,547	3,145	443,847	1210
587	129,811	8	1,149	899,514	32,921	17,721	650,634	198,238	1,650,490	1,618,164	32,326	3,986,381	1211
50	8,756	----------	----------	16,880	2,628	1,944	12,308	----------	383,316	377,524	5,792	558,470	1212
63	15,609	30	6,265	90,467	11,642	3,764	74,161	900	632,238	613,939	18,299	1,348,936	1213
13	2,419	1	104	21,655	2,142	2,414	17,099	----------	187,106	182,203	4,903	357,505	1214
18	4,150	4	808	22,480	4,127	2,889	14,880	584	349,263	333,373	15,890	728,502	1215
134	27,270	4	940	94,404	9,621	8,775	75,433	575	770,733	744,229	26,504	1,477,962	1216
3,272	875,813	613	95,008	2,133,972	147,994	115,868	1,468,899	401,211	9,405,370	9,222,034	183,336	19,550,850	1217
56	16,510	3	475	48,869	13,093	3,798	31,978	----------	419,569	409,488	10,081	736,629	1218
154	31,662	3	516	14,991	4,493	2,131	8,367	----------	182,668	177,398	5,270	399,496	1219
5	1,560	9	1,711	7,063	3,092	490	3,481	----------	56,219	53,180	3,039	177,579	1220
41	8,363	----------	----------	42,348	4,878	3,327	13,574	20,569	313,575	305,814	7,761	627,672	1221
877	251,446	91	14,880	419,062	8,235	30,127	335,352	45,348	3,245,493	3,190,130	55,363	5,499,418	1222
59	11,423	13	1,630	81,040	21,529	15,005	44,506	----------	949,387	922,116	27,271	1,876,843	1223
5	2,530	1	172	70,807	7,895	1,263	10,449	51,200	466,833	462,522	4,311	922,524	1224
131	31,576	14	2,614	130,690	9,504	11,869	109,317	----------	1,098,676	1,054,217	44,459	2,282,384	1225
191	53,301	17	3,162	34,532	4,562	3,182	24,333	2,455	775,360	761,035	4,325	1,450,072	1226
59	13,806	7	1,416	31,884	3,460	1,368	25,634	1,422	206,150	200,621	5,529	440,137	1227
----------	----------	8	1,317	5,340	1,590	762	2,985	3	19,392	17,664	1,728	59,138	1228
130	38,488	----------	----------	25,623	5,148	1,586	16,859	2,030	348,439	342,126	6,313	571,644	1229
124	34,149	----------	----------	80,310	11,922	12,703	49,685	6,000	1,206,726	1,151,854	54,872	2,225,990	1230
9	1,738	----------	----------	35,646	2,463	1,604	31,379	200	581,886	572,736	9,150	761,165	1231
256	54,747	58	7,139	222,681	35,163	17,196	160,213	10,109	1,477,642	1,413,298	64,344	2,693,907	1232
382	128,366	7	1,004	220,168	8,237	18,600	82,472	110,859	1,354,253	1,330,435	23,818	2,958,656	1233
21	3,750	----------	----------	5,983	1,674	1,368	2,553	388	161,731	158,545	3,186	313,072	1234
8	4,270	4	1,340	74,103	14,442	6,875	52,686	100	725,685	712,217	13,468	1,184,513	1235
474	137,718	20	3,809	268,756	6,754	14,812	246,890	300	2,813,410	2,760,795	52,615	5,238,280	1236
58	16,988	4	814	173,320	7,566	8,599	152,855	4,300	825,216	769,558	55,658	1,972,398	1237
2,095	743,889	34	5,994	671,780	39,368	93,809	430,388	108,215	2,317,792	2,217,269	100,523	6,934,381	1238
18	3,784	6	441	49,629	5,927	4,251	38,992	459	289,717	283,556	6,161	604,781	1239
119	28,241	44	7,300	23,858	1,574	8,331	13,953	----------	450,623	392,883	57,740	972,838	1240
1,084	294,403	179	32,588	127,775	8,388	31,670	74,497	13,220	2,119,178	2,071,533	47,645	3,681,069	1241
276	72,223	15	2,673	54,434	2,921	12,405	38,778	330	688,187	659,156	29,031	1,275,574	1242
286	72,460	16	1,100	198,109	9,838	8,014	119,782	60,475	2,671,115	2,506,619	164,496	4,840,160	1243
84	24,185	5	776	350,190	13,774	8,041	294,875	33,500	2,357,681	2,277,945	79,736	4,152,859	1244
397	124,380	81	19,066	73,815	4,091	10,043	57,131	2,550	753,470	727,657	25,813	1,647,365	1245
57	10,834	8	1,510	22,479	8,150	2,001	12,128	200	335,935	331,435	4,500	610,465	1246
72	17,252	1	125	61,757	11,940	4,733	45,084	----------	296,820	208,855	87,965	631,627	1247
1,761	482,687	550	106,031	330,774	7,731	32,350	282,516	8,177	2,522,789	2,345,466	177,323	6,197,506	1248
9	2,116	3	305	15,749	4,168	1,499	10,082	----------	767,954	756,608	11,346	976,007	1249
17	4,010	12	2,336	70,250	2,009	23,384	44,032	825	568,657	566,617	2,040	1,165,861	1250
1,849	490,537	116	18,383	4,153,819	635,922	99,713	1,749,233	1,668,951	16,638,467	16,299,974	338,493	37,780,267	1251
21	3,958	2	200	18,650	4,950	4,372	9,328	----------	433,101	421,316	11,785	885,062	1252
102	15,137	10	1,421	145,327	3,716	2,683	129,307	9,621	446,259	438,507	7,752	999,262	1253
69	17,958	3	300	24,376	5,860	2,795	15,629	92	352,233	346,335	5,898	659,899	1254
189	42,448	126	22,853	461,068	18,384	4,647	224,629	213,408	2,303,113	2,164,165	138,948	4,667,330	1255
3,787	1,369,527	348	86,137	1,664,050	122,849	115,560	1,143,591	282,050	19,821,401	19,303,364	518,037	33,778,905	1256
988	356,405	68	13,266	152,450	5,503	6,108	140,229	610	1,544,719	1,515,648	29,071	2,966,060	1257
118	21,337	25	3,846	81,642	22,398	8,201	50,943	100	1,555,578	1,534,642	20,936	2,499,361	1258
212	69,828	16	2,325	141,272	3,149	7,263	130,860	----------	907,222	892,529	14,693	1,580,395	1259
285	66,134	8	2,509	15,801	1,368	3,254	5,754	5,425	629,538	622,666	6,872	936,266	1260
800	287,438	38	5,602	170,131	17,006	23,261	119,186	10,678	3,811,808	3,752,973	58,835	6,078,902	1261
512	109,432	18	2,419	455,916	56,421	26,245	356,156	17,094	4,152,344	3,998,750	153,594	7,881,977	1262
70	10,377	21	2,080	112,071	5,459	7,186	95,298	4,128	949,118	913,832	35,286	1,625,982	1263
787	201,715	181	22,029	196,034	10,016	26,586	157,057	2,375	1,256,801	1,236,588	20,213	2,802,236	1264
383	106,692	28	3,492	154,118	13,860	7,891	125,271	7,096	849,934	828,831	21,103	1,809,241	1265
16	3,909	5	600	11,747	1,154	728	9,865	----------	298,200	293,628	4,572	459,570	1266
127	25,995	2	496	269,633	9,532	6,843	242,573	10,685	2,990,193	2,867,667	122,526	4,609,190	1267
97	18,454	----------	----------	135,502	1,828	1,890	20,760	111,024	793,504	787,158	6,346	1,200,844	1268
49	8,042	127	14,756	243,537	10,148	32,605	193,304	7,480	2,238,730	2,203,330	35,400	3,658,439	1269
10	2,889	----------	----------	216,398	2,514	3,042	210,842	----------	1,982,008	1,933,857	48,151	3,663,892	1270
42	7,933	4	449	40,780	6,430	1,730	31,835	785	359,246	353,224	6,022	656,784	1271
14	2,311	3	445	265,093	5,604	5,099	211,050	43,340	1,072,213	1,055,728	16,485	2,731,059	1272
9	2,962	6	560	29,177	4,779	2,316	13,502	8,580	368,467	359,173	9,294	609,415	1273
19	3,948	----------	----------	12,050	3,064	1,333	7,653	----------	244,851	235,351	9,500	425,763	1274
655	187,333	167	23,142	280,796	18,859	12,513	246,424	3,000	2,447,448	2,359,482	87,966	4,086,267	1275
16	5,186	13	2,160	16,863	2,851	1,535	12,477	----------	188,170	170,973	17,197	415,163	1276

TABLE 3.—SUMMARY FOR 1,341 CITIES,

	Cities, towns, and villages.	Number of establishments.	Capital.					Proprietors and firm members.	Salaried officials, clerks, etc.		Average number of wage-earners and total wages.			
											Total.		Men, 16 years and over.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Average number.	Wages.	Average number.	Wages.
1277	Weir, Kans	22	$145,171	$4,425	$88,080	$39,855	$12,811	23	------	------	123	$49,686	110	$47,661
1278	Wellston, Ohio	41	855,606	35,350	247,550	145,103	427,603	42	17	$15,985	333	169,075	320	166,619
1279	Wellsville, N. Y	64	1,344,438	90,800	219,550	286,077	748,011	85	21	19,743	351	131,835	309	121,798
1280	Wellsville, Ohio	61	1,233,863	93,510	257,336	469,994	413,023	67	66	59,400	969	511,964	906	495,820
1281	West Bay City, Mich	121	2,323,910	450,575	473,175	882,914	517,246	124	56	66,024	2,153	868,504	2,069	851,582
1282	West Bethlehem, Pa	17	143,990	14,425	36,630	27,020	65,915	22	6	4,000	69	29,214	62	28,064
1283	Westboro, Mass	57	948,047	9,233	101,490	159,685	677,639	59	19	18,456	843	383,586	642	312,679
1284	Westbrook, Me	42	3,950,221	745,421	660,430	1,264,593	1,279,777	46	52	72,858	1,405	604,978	1,024	490,251
1285	West Chester, Pa	112	1,244,188	136,200	222,481	340,007	545,500	127	69	50,783	740	351,087	695	342,332
1286	Westerly, R. I	105	1,587,951	199,630	306,005	552,236	530,080	122	52	36,019	1,561	661,986	1,189	558,343
1287	Westfield, Mass	186	4,345,372	238,900	487,839	1,104,258	2,514,375	188	258	327,644	2,641	1,229,643	2,080	1,040,371
1288	Westfield, N. Y	39	364,409	30,633	84,165	88,669	160,942	37	27	17,420	114	46,556	91	40,085
1289	West Hoboken, N. J	177	4,042,373	145,550	601,275	671,015	2,624,533	191	173	152,147	3,028	1,248,244	1,479	719,846
1290	West Minneapolis, Minn	15	1,665,907	25,210	122,314	11,699	1,506,684	16	83	79,807	476	211,129	475	210,959
1291	Westminster, Md	66	428,567	29,050	65,710	91,742	242,065	74	26	11,151	234	59,735	159	50,241
1292	West Orange, N. J	64	1,373,039	167,593	345,866	489,423	370,157	70	74	68,804	1,034	499,319	967	478,272
1293	West Pittston, Pa	35	567,287	22,500	106,887	195,955	241,945	36	31	47,048	299	123,238	206	107,214
1294	West Point, Miss	32	198,328	14,700	41,270	78,274	64,084	31	12	9,197	173	56,738	168	55,623
1295	Westport, Conn	35	343,948	24,710	47,213	88,577	183,448	31	31	46,542	225	101,788	158	82,952
1296	West Rutland, Vt	17	2,134,582	703,500	545,250	376,470	509,362	16	67	74,925	944	487,560	942	487,235
1297	West Springfield, Mass	41	934,945	34,624	482,904	99,337	318,080	41	38	60,816	626	345,776	500	309,658
1298	Weymouth, Mass	180	4,427,328	239,733	386,191	605,383	3,196,021	153	218	287,150	1,998	911,502	1,478	740,813
1299	What Cheer, Iowa	41	132,408	9,250	28,950	30,250	63,958	51	15	7,931	58	25,927	50	24,468
1300	Wheeling, W. Va	406	13,224,577	1,086,022	2,113,951	2,545,192	7,479,412	426	465	439,582	7,219	3,096,730	5,302	2,750,586
1301	Whitehall, N. Y	47	643,228	7,730	49,800	227,619	358,079	53	29	37,469	403	125,816	257	98,432
1302	Whiting, Ind	5	12,701,598	178,191	920,622	6,162,305	5,440,480	5	159	159,772	1,836	1,144,113	1,823	1,141,282
1303	Whitman, Mass	65	2,054,815	36,525	217,039	258,032	1,543,219	72	102	100,377	2,059	1,092,024	1,513	900,867
1304	Wichita, Kans	328	2,108,524	202,513	395,760	715,963	794,288	378	144	110,935	1,505	639,271	1,284	592,693
1305	Wilbraham, Mass	15	711,426	62,825	135,721	156,796	356,084	13	9	19,460	171	81,100	94	52,570
1306	Wilkesbarre, Pa	438	10,501,537	825,426	1,629,129	3,963,148	4,083,834	520	840	406,823	5,977	2,286,676	3,727	1,847,462
1307	Wilkinsburg, Pa	131	1,049,083	131,370	122,420	68,396	726,897	159	15	6,048	655	464,107	623	455,447
1308	Williamsport, Pa	396	9,863,811	912,145	977,480	2,094,664	5,879,522	439	397	352,348	5,595	2,065,930	3,679	1,587,052
1309	Williamstown, Mass	38	815,368	98,670	238,484	234,407	243,807	41	12	12,619	365	141,864	246	111,722
1310	Wilmerding, Pa	10	19,546,553	311,300	2,226,500	653,656	16,355,097	9	109	241,595	2,015	1,353,869	1,997	1,348,984
1311	Wilmington, Del	759	28,372,043	3,201,197	4,382,350	7,703,295	13,085,201	760	1,051	1,138,361	16,055	7,439,210	13,725	6,892,440
1312	Wilmington, N. C	131	2,968,199	736,350	471,580	817,216	943,053	131	120	103,178	1,850	568,250	1,495	519,145
1313	Wilmington, Ohio	61	247,783	16,350	30,100	92,527	108,806	78	14	12,916	188	78,635	179	76,882
1314	Winchendon, Mass	53	1,454,853	76,634	317,636	341,606	718,977	69	33	33,760	1,238	462,582	973	399,094
1315	Winchester, Conn	133	2,971,429	232,649	428,622	615,919	1,694,239	136	156	170,199	1,746	753,192	1,136	578,602
1316	Winchester, Ky	50	216,203	18,675	33,775	33,935	129,818	68	6	3,300	111	35,799	87	31,081
1317	Winchester, Mass	52	3,724,461	62,396	264,728	634,814	2,762,523	55	124	183,098	1,155	666,064	1,113	653,176
1318	Winchester, N. H	34	551,793	30,550	105,490	114,688	301,065	38	13	11,000	350	144,878	347	144,318
1319	Winchester, Va	72	561,640	32,910	102,272	140,554	285,904	78	12	27,325	635	128,176	220	69,990
1320	Windham, Conn	114	5,856,194	144,503	1,828,055	2,190,388	1,693,248	122	90	97,980	2,514	948,041	1,240	563,682
1321	Windsor, Conn	40	1,016,549	47,525	183,003	313,871	472,150	39	49	43,200	482	227,127	357	192,004
1322	Windsor Locks, Conn	37	2,117,159	168,749	404,405	613,657	930,348	35	38	53,051	831	331,402	465	226,841
1323	Winfield, Kans	75	588,481	42,057	98,069	162,899	285,456	91	26	25,026	209	86,852	190	82,037
1324	Winona, Minn	162	6,192,386	935,222	543,307	866,384	3,847,473	182	204	192,051	2,214	928,400	2,042	899,260
1325	Winston, N. C	46	4,800,421	170,651	434,239	562,205	3,633,326	47	247	293,945	3,420	461,214	1,700	269,526
1326	Winthrop, Mass	43	106,445	22,150	27,350	18,575	38,370	47	3	1,490	118	60,543	114	59,065
1327	Woburn, Mass	123	2,983,705	83,762	361,043	586,278	1,952,622	133	56	65,217	1,596	757,670	1,332	698,445
1328	Wolfeboro, N. H	32	343,456	32,470	27,935	53,152	229,899	43	14	9,923	276	114,595	202	90,348
1329	Woodbury, N. J	81	1,129,715	123,663	195,611	483,425	327,016	79	45	41,625	451	258,457	398	246,969
1330	Woonsocket, R. I	242	14,279,361	766,592	3,201,245	3,697,841	6,613,683	257	166	258,715	8,093	3,080,280	4,972	2,212,008
1331	Wooster, Ohio	97	626,188	68,415	127,425	184,297	246,051	105	47	29,501	447	169,490	360	153,800
1332	Worcester, Mass	1,071	42,966,743	3,051,618	5,084,905	11,370,982	23,459,238	1,106	1,430	1,791,000	25,593	12,894,784	20,421	11,431,473
1333	Wrightsville, Pa	34	462,672	22,250	126,746	87,585	226,091	38	30	15,673	427	133,735	336	118,052
1334	Wyandotte, Mich	50	679,947	63,816	118,031	138,396	359,704	63	31	36,555	493	187,822	360	160,244
1335	Xenia, Ohio	106	1,819,614	75,630	224,049	507,297	1,012,638	128	53	72,051	1,105	394,386	897	343,582
1336	Yankton, S. Dak	68	217,811	20,700	58,025	55,311	83,775	81	9	3,879	139	63,016	121	59,389
1337	Yoakum, Tex	23	201,097	24,500	38,778	62,794	75,025	23	14	15,580	271	156,782	267	156,258
1338	Yonkers, N. Y	387	13,097,205	1,681,818	1,406,697	3,601,228	6,407,462	404	329	453,426	8,615	3,888,892	5,564	2,899,613
1339	York, Pa	464	9,640,784	926,336	1,357,974	2,240,686	5,115,788	564	404	438,281	7,785	2,679,175	5,802	2,283,326
1340	Youngstown, Ohio	260	22,360,097	1,634,360	3,081,032	10,834,301	6,810,404	253	434	492,823	9,150	4,951,460	8,905	4,885,779
1341	Ypsilanti, Mich	110	898,161	69,450	150,621	287,823	390,267	121	64	54,619	681	233,013	367	170,286
1342	Zanesville, Ohio	293	5,162,067	423,530	1,016,554	1,172,137	2,549,846	336	424	319,864	4,603	1,786,005	3,590	1,582,538

TOWNS, AND VILLAGES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.				MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
10	$1,721	3	$304	$7,967	$1,010	$1,648	$5,309	------	$240,614	$228,990	$11,624	$311,654	1277
10	2,112	3	344	27,327	1,836	3,181	22,160	$150	595,415	423,514	171,901	1,056,110	1278
40	9,825	2	212	36,285	4,156	4,788	27,329	12	668,283	663,355	4,928	1,017,515	1279
52	16,018	1	126	47,624	3,678	5,738	35,050	3,158	660,918	587,396	73,522	1,548,190	1280
48	10,544	36	6,378	214,327	9,757	24,737	146,133	33,700	2,294,668	2,262,768	31,900	3,763,522	1281
7	1,150	------	------	19,928	424	516	3,488	15,500	174,573	172,320	2,253	276,939	1282
201	70,907	------	------	39,752	9,402	2,051	27,799	500	1,087,315	1,077,193	10,122	1,783,298	1283
381	114,727	------	------	347,064	154,810	27,922	160,332	4,000	1,372,266	1,278,897	93,369	2,851,660	1284
35	7,062	10	1,693	164,169	10,106	3,423	64,990	85,650	459,559	445,761	13,798	1,378,362	1285
332	97,050	40	6,593	56,228	15,306	8,902	28,070	3,950	811,392	786,060	25,332	1,934,544	1286
533	182,895	28	6,377	328,542	39,753	25,756	252,558	10,475	2,401,460	2,342,584	58,876	5,072,074	1287
22	6,341	1	130	29,294	1,503	1,232	26,559	------	136,444	133,843	2,601	326,918	1288
1,475	512,283	74	16,115	677,713	22,126	9,321	165,272	480,994	2,829,789	2,798,505	31,284	5,491,760	1289
1	170	------	------	134,959	475	1,888	132,366	230	345,070	329,619	15,451	853,828	1290
62	8,744	13	750	16,146	3,632	1,441	10,873	200	344,100	328,266	15,834	509,243	1291
66	20,859	1	188	67,788	2,882	4,962	48,569	11,375	478,645	455,201	23,444	1,350,170	1292
86	15,247	7	777	127,444	3,357	1,344	117,898	4,845	242,730	238,457	4,273	621,996	1293
3	815	2	300	11,132	1,749	3,311	6,072	------	190,490	182,715	7,775	358,863	1294
70	18,700	2	136	32,129	3,225	824	18,672	9,408	284,493	278,061	6,432	556,668	1295
2	325	------	------	125,541	233	15,853	109,455	------	474,446	473,634	812	1,440,334	1296
125	36,068	1	50	59,291	2,959	5,232	49,300	1,800	561,675	532,173	29,502	1,142,105	1297
516	170,196	4	493	298,022	10,132	20,531	257,677	9,682	3,246,899	3,209,926	36,973	5,583,144	1298
6	1,259	2	200	6,578	2,023	940	3,465	150	93,167	89,820	3,347	184,436	1299
1,775	323,019	142	23,125	1,954,205	73,767	66,168	1,728,315	85,955	9,076,978	8,569,619	507,359	16,747,544	1300
128	25,481	18	1,903	37,346	7,743	2,145	27,458	------	320,424	311,746	8,678	596,971	1301
13	2,831	------	------	350,933	724	30,895	319,314	------	13,420,494	12,810,225	610,269	16,674,285	1302
501	182,879	45	8,278	140,286	11,043	12,115	115,138	1,990	3,160,456	3,140,754	19,702	5,009,786	1303
200	42,810	21	3,768	176,146	46,511	10,833	81,171	37,631	3,060,661	3,014,051	46,610	4,724,068	1304
76	28,380	1	150	24,365	204	4,456	19,005	700	558,198	541,730	16,468	736,173	1305
1,780	379,615	470	59,599	1,142,358	86,479	32,194	736,454	287,231	5,167,777	5,090,803	76,974	10,758,348	1306
31	8,480	1	180	644,594	12,643	1,868	19,165	610,918	897,931	895,769	2,162	2,295,846	1307
1,614	434,185	302	44,693	517,059	54,824	19,754	400,698	41,783	6,420,337	6,349,847	70,490	11,199,600	1308
91	24,758	28	5,384	20,059	2,602	5,923	11,534	------	182,511	170,209	12,302	434,371	1309
14	3,873	4	1,012	636,488	880	51,323	584,185	100	2,592,726	2,546,018	46,708	9,171,384	1310
1,835	465,629	495	81,141	1,658,908	148,719	84,141	1,323,269	102,779	19,451,815	18,911,506	540,309	34,053,324	1311
260	41,030	95	8,075	158,723	18,644	24,987	103,662	11,430	1,734,054	1,692,125	41,929	2,960,028	1312
8	1,678	1	75	21,860	4,026	1,624	15,598	612	241,511	235,966	5,545	440,237	1313
148	39,620	117	23,868	45,207	9,871	10,579	18,957	5,800	861,523	846,620	14,903	1,745,925	1314
581	170,132	29	4,458	169,955	13,700	12,455	121,403	22,397	1,529,704	1,494,554	35,150	2,923,822	1315
21	4,544	3	174	13,516	5,509	2,768	4,654	585	324,629	320,725	3,904	436,434	1316
37	12,188	5	700	178,284	6,364	9,715	159,505	2,700	1,855,159	1,829,243	25,916	3,257,172	1317
3	560	------	------	27,103	743	3,291	23,069	------	488,512	484,294	4,218	787,829	1318
336	50,194	79	7,992	36,101	5,208	3,421	22,472	5,000	582,306	565,305	17,001	890,493	1319
1,112	361,953	162	22,406	209,638	16,968	28,850	146,102	17,718	1,520,562	1,479,642	40,920	3,436,033	1320
118	33,720	7	1,403	35,448	4,194	3,916	24,438	2,900	508,427	486,857	21,570	921,829	1321
350	101,336	16	3,225	87,298	5,929	6,168	75,001	200	631,785	583,320	48,465	1,311,768	1322
18	4,725	1	90	24,343	5,820	3,264	15,219	40	869,327	849,866	19,461	1,136,346	1323
147	26,501	25	2,639	404,187	21,194	50,166	325,277	7,550	4,292,845	4,249,903	42,942	6,576,382	1324
1,056	155,941	664	35,747	2,411,259	4,931	25,278	2,375,750	5,300	1,982,964	1,929,072	53,892	5,436,030	1325
4	1,478	------	------	12,909	2,513	706	2,358	7,332	100,643	99,799	844	242,111	1326
248	56,313	16	2,912	183,489	16,732	32,908	110,744	23,105	3,064,985	2,990,358	74,627	4,450,566	1327
74	24,247	------	------	20,163	3,457	984	15,422	300	394,326	390,258	4,068	586,210	1328
9	3,207	44	8,281	115,420	3,693	3,078	99,112	9,537	378,191	354,030	24,161	988,612	1329
2,635	782,236	486	86,036	589,795	60,679	48,369	423,657	57,090	7,563,204	7,378,053	185,151	15,627,539	1330
86	15,490	1	200	37,114	7,021	3,257	25,096	1,740	463,725	443,154	20,571	985,579	1331
4,589	1,336,473	583	126,838	4,258,926	452,388	281,664	3,230,681	294,193	26,666,176	25,798,828	867,348	53,348,783	1332
74	14,669	17	1,014	31,909	5,753	935	24,521	700	470,759	345,305	125,454	781,452	1333
122	26,138	11	1,440	88,743	2,762	3,272	74,342	8,367	542,419	517,856	24,563	956,055	1334
207	50,679	1	125	139,647	10,951	11,398	101,898	15,400	2,171,360	2,142,619	28,741	3,122,797	1335
12	2,774	6	853	33,568	5,978	1,898	24,392	1,300	166,975	161,568	5,407	350,736	1336
------	------	4	524	8,741	2,217	1,793	4,731	------	165,378	155,587	9,791	371,093	1337
2,782	936,586	269	52,693	1,059,522	98,585	46,452	850,668	63,817	10,555,218	10,385,957	169,261	19,580,324	1338
1,501	335,093	482	60,756	798,453	50,851	19,727	654,429	73,446	6,078,070	5,869,260	208,810	11,961,706	1339
226	61,824	19	3,857	968,636	40,806	52,383	868,908	6,539	23,541,769	21,489,503	2,052,266	34,801,101	1340
314	62,727	------	------	95,235	11,488	6,838	68,409	8,500	725,907	713,707	12,200	1,318,793	1341
1,000	201,505	13	1,962	365,338	31,861	39,284	291,772	2,421	3,756,489	3,511,162	245,327	7,468,839	1342

TABLE 4.—SUMMARY OF STATISTICS FOR 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY INDUSTRIES: 1900.

MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Total	62,241	$3,684,540,461	178,172	$194,192,202	2,052,631	$937,320,561	1,495,760	494,404	62,467	$537,619,795	$2,862,832,280	$5,158,219,448
Agricultural implements	178	90,941,833	7,089	5,606,902	26,416	13,102,718	26,114	180	122	7,396,539	25,860,456	59,130,503
Awnings, tents, and sails	658	3,991,275	433	338,929	3,993	1,868,946	2,300	1,665	28	493,219	6,100,039	10,957,475
Bags, other than paper	71	7,531,252	336	381,151	3,533	1,076,569	1,237	2,144	152	528,974	16,659,051	19,827,017
Baskets, and rattan and willow ware	240	1,364,507	84	75,502	1,666	550,930	1,210	310	146	96,089	744,949	1,924,392
Bicycles and tricycles	229	20,968,835	1,595	1,320,437	12,141	5,676,679	11,565	322	254	1,704,658	11,719,275	22,327,959
Bookbinding and blank book making[1]	813	10,607,091	959	925,235	14,571	6,166,704	6,933	7,146	492	1,388,670	6,488,991	18,163,503
Boots and shoes, factory product	992	57,340,478	4,787	4,822,112	84,835	35,541,670	52,924	29,133	2,778	6,799,439	95,259,912	151,818,904
Boxes, fancy and paper	562	12,156,779	1,201	1,124,779	23,297	6,810,882	6,353	15,427	1,517	1,351,895	9,936,691	23,129,118
Brass castings and brass finishing	393	19,871,460	789	987,105	11,228	5,707,230	10,332	760	136	1,147,325	17,720,603	28,500,636
Brick and tile	564	25,961,939	599	581,681	14,350	5,734,163	13,988	5	357	1,068,877	2,768,413	13,078,269
Brooms and brushes	733	7,014,004	623	556,092	7,185	2,700,351	4,918	1,924	343	644,577	7,038,821	13,359,317
Carpets and rugs, other than rag	109	35,216,278	542	688,065	24,160	9,677,827	11,593	10,827	1,740	2,321,616	23,791,039	42,041,054
Carriages and wagons	2,424	71,791,889	2,644	2,644,871	35,791	18,003,708	35,184	428	179	3,970,359	31,596,716	68,924,998
Cars and general shop construction and repairs by steam railroad companies	386	65,996,245	3,447	3,043,220	91,438	51,114,233	91,054	326	58	4,743,884	59,172,458	118,123,029
Cars and general shop construction and repairs by street railroad companies	88	10,542,741	185	178,201	6,658	4,198,288	6,654	4	-------	264,993	4,192,516	8,955,759
Cars, steam railroad, not including operations of railroad companies	37	56,307,350	825	1,036,563	22,227	11,850,277	21,931	107	189	1,666,852	40,091,880	60,127,644
Cars, street railroad, not including operations of railroad companies	14	6,364,223	121	212,463	3,124	1,704,544	3,091	4	29	239,888	3,638,744	6,563,244
Chemicals	213	44,634,154	1,262	1,762,121	7,667	4,086,089	6,979	633	55	2,225,356	21,592,390	36,307,641
Clothing, men's, factory product	5,354	114,401,676	9,299	9,819,341	109,878	42,810,493	45,834	61,400	2,644	37,010,174	138,400,353	264,275,366
Clothing, men's, factory product, buttonholes	149	246,539	11	5,608	944	332,187	426	479	39	36,234	98,178	680,502
Clothing, women's, factory product	2,574	46,203,350	6,479	6,340,273	77,587	31,022,643	25,276	51,590	721	11,520,695	81,003,783	152,780,290
Coffee and spice, roasting and grinding	422	27,587,259	2,641	2,853,898	5,811	2,397,174	3,324	2,380	107	3,367,484	52,310,340	66,263,974
Cooperage	878	15,934,738	537	630,720	14,130	6,008,264	13,725	38	367	1,038,344	16,200,188	27,369,926
Cordage and twine	58	20,765,975	292	475,988	8,098	2,698,043	4,286	3,298	514	1,215,002	18,915,914	26,565,372
Cotton goods	365	237,021,445	2,031	3,557,891	143,438	47,619,048	64,053	66,577	12,808	12,594,945	86,401,533	173,088,338
Cutlery and edge tools	143	6,163,822	416	496,999	4,680	2,255,293	4,181	345	154	432,630	2,230,058	6,518,612
Dyeing and finishing textiles	218	37,276,226	891	1,458,044	17,844	7,796,662	15,091	2,075	678	2,594,579	11,389,597	28,663,296
Electrical apparatus and supplies	477	63,008,467	4,100	3,639,866	30,068	14,581,321	25,241	4,322	505	5,704,619	34,317,143	66,176,755
Flouring and grist mill products	669	64,658,966	1,971	2,343,911	9,337	5,208,171	8,970	344	23	3,759,342	152,584,164	172,921,945
Food preparations	472	17,045,873	1,096	1,138,092	6,346	2,435,010	4,126	2,013	207	2,508,070	20,135,714	31,342,236
Foundry and machine shop products[1]	5,349	464,442,869	19,842	23,221,111	245,677	130,809,016	241,677	2,108	1,892	31,305,835	203,071,577	456,893,558
Furnishing goods, men's	418	17,358,305	1,912	1,812,008	25,302	8,143,181	3,773	21,201	328	2,243,531	21,052,139	38,858,502
Furniture, factory product	1,133	67,641,323	4,500	4,685,450	56,355	24,775,307	53,649	1,068	1,638	6,518,792	37,381,177	86,222,242
Hardware	262	29,349,845	1,267	1,456,248	19,669	8,426,149	16,925	1,896	848	1,992,442	11,141,060	26,895,573
Hats and caps, not including fur hats and wool hats	610	6,675,227	594	600,872	9,994	3,978,406	5,265	4,618	111	851,950	8,517,533	17,170,371
Hosiery and knit goods	480	46,743,038	1,514	1,740,840	47,861	14,110,003	10,666	32,187	5,008	4,101,831	28,593,520	54,592,922
Ice, manufactured	281	25,267,441	910	801,830	4,055	2,170,122	4,049	5	1	1,279,324	2,082,224	8,738,947
Iron and steel	263	289,190,040	4,462	5,889,235	115,237	64,284,616	113,517	865	855	17,584,042	265,254,464	412,819,287
Ironwork, architectural and ornamental	608	27,727,460	1,563	1,712,996	17,915	9,808,775	17,790	61	64	2,477,164	26,856,024	46,587,046
Jewelry	766	23,575,201	1,479	1,504,869	15,414	8,131,600	10,651	4,383	380	1,847,709	18,233,388	36,844,979
Leather goods[1]	258	4,731,593	600	540,274	5,848	2,173,271	3,391	2,202	255	808,534	5,704,534	11,014,065
Leather, tanned, curried, and finished	395	74,085,041	1,395	1,792,247	27,319	12,390,306	25,802	1,080	437	3,147,605	72,739,535	98,060,979
Liquors, distilled	55	12,792,283	244	347,493	1,065	602,681	1,040	19	6	52,206,820	7,345,955	63,496,208
Liquors, malt	790	363,578,291	5,914	11,436,652	32,968	21,999,685	31,889	479	600	96,866,656	43,785,988	205,602,774
Liquors, vinous	58	1,372,030	47	61,278	147	72,060	143	2	2	103,087	293,217	669,648
Lithographing and engraving	256	22,218,292	1,403	1,886,082	12,405	6,683,064	10,078	1,925	402	2,580,114	7,490,361	21,488,622
Lumber, planing mill products, including sash, doors, and blinds	1,362	66,345,747	3,300	3,335,029	40,976	19,642,319	40,039	123	814	4,798,286	53,681,010	93,102,326
Mattresses and spring beds	558	6,580,737	778	690,598	6,340	2,619,112	4,794	1,377	169	930,627	8,926,211	15,758,880
Musical instruments and materials, not specified	193	2,740,786	112	110,531	1,648	812,636	1,444	170	34	189,519	771,385	2,263,963
Musical instruments, organs and materials	77	2,870,887	148	192,667	2,070	1,065,934	1,946	64	60	391,705	1,383,759	3,568,170
Musical instruments, pianos and materials	197	30,571,955	991	1,397,154	13,894	7,749,705	13,154	347	393	2,470,902	11,597,408	27,562,248
Patent medicines and compounds	1,482	28,906,096	4,015	3,919,953	9,431	3,554,861	4,344	4,922	165	14,763,871	14,383,511	47,863,624
Pottery, terra cotta, and fire-clay products	271	26,778,142	1,125	1,270,406	17,518	7,477,353	14,706	2,531	281	1,613,213	5,154,721	18,860,091
Printing and publishing, book and job[1]	5,469	93,727,426	9,600	8,704,338	66,321	34,548,428	50,704	13,759	1,858	16,236,367	35,051,832	118,949,192
Printing and publishing, newspapers and periodicals	3,691	137,261,749	23,637	24,118,274	53,868	35,069,209	45,725	6,789	1,354	33,889,404	39,047,285	169,181,222

[1] Includes governmental establishments in the District of Columbia.

TABLE 4.—SUMMARY OF STATISTICS FOR 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY INDUSTRIES: 1900—Continued.

MANUFACTURING AND MECHANICAL INDUSTRIES AND CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Rubber and elastic goods	192	$26,660,070	1,436	$1,574,968	13,421	$5,357,046	8,622	4,606	193	$2,108,891	$22,406,027	$36,169,244
Saddlery and harness	2,972	18,819,833	1,462	1,241,301	13,032	6,097,194	12,002	698	332	1,560,221	17,065,963	31,654,370
Ship and boat building, wooden	422	10,317,854	337	370,024	8,333	4,722,895	8,268	12	53	680,935	4,276,135	12,449,833
Shipbuilding, iron and steel	35	40,315,085	689	1,069,003	22,621	12,104,020	22,017	5	599	2,114,510	18,260,828	39,532,048
Shirts	764	16,255,467	1,654	1,459,621	26,717	8,784,742	5,356	20,949	412	4,400,392	19,431,622	39,823,765
Silk and silk goods	303	45,637,421	1,625	1,966,955	39,815	13,856,274	15,115	21,250	3,450	6,834,037	37,744,300	66,329,878
Slaughtering and meat packing, wholesale	410	153,827,458	8,919	8,756,019	57,791	28,074,511	53,567	2,799	1,425	21,450,532	536,460,070	617,890,435
Slaughtering, wholesale, not including meat packing	247	14,213,072	520	602,888	3,293	2,133,206	3,281	6	6	1,285,205	69,517,247	78,385,079
Soap and candles	395	30,175,389	2,441	2,444,191	8,212	3,218,830	5,828	1,786	598	4,923,670	28,714,967	45,595,491
Steam fittings and heating apparatus	184	16,268,166	1,061	1,308,249	8,074	4,430,245	7,918	119	37	1,197,180	8,789,941	19,362,463
Tobacco, chewing, smoking, and snuff	218	30,379,648	2,314	2,678,626	18,163	5,265,692	8,600	8,383	1,180	36,340,270	26,971,065	78,703,164
Tobacco, cigars and cigarettes	8,477	46,356,480	3,276	3,708,997	71,814	28,923,535	40,305	29,375	2,134	23,645,363	40,650,949	114,724,412
Trunks and valises	364	6,401,733	662	638,370	6,489	2,615,944	5,640	489	360	746,984	5,533,925	11,601,282
Umbrellas and canes	246	4,393,339	557	474,096	5,378	1,796,159	2,098	3,038	242	609,598	8,248,712	13,456,878
Wirework, including wire rope and cable	382	9,453,752	590	583,883	5,959	2,521,631	4,935	785	239	634,762	6,342,447	12,003,027
Wood, turned and carved	560	4,484,635	234	214,851	4,982	2,101,726	4,771	59	152	342,709	2,682,695	6,670,193
Woolen goods	202	40,591,118	778	1,094,675	24,595	8,872,423	13,225	9,721	1,649	2,615,105	26,901,719	44,090,178
Worsted goods	103	99,011,468	980	1,730,990	42,204	14,610,572	18,158	19,937	4,109	5,094,773	54,933,941	86,810,195

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900.

AGRICULTURAL IMPLEMENTS.

Total	178	$90,941,833	7,089	$5,606,902	26,416	$13,102,718	26,114	180	122	$7,396,539	$25,860,456	$59,130,503
Albany, N. Y.	3	180,500	10	10,190	54	26,600	54			6,032	31,617	75,940
Auburn, N. Y.	3	6,084,941	111	119,106	1,551	767,342	1,537	14		166,499	1,188,176	2,338,191
Canton, Ohio	6	2,473,863	102	99,818	586	267,619	586			139,608	539,262	1,184,949
Chicago, Ill	6	36,025,355	3,509	2,483,894	10,245	5,180,958	10,065	84	96	3,846,753	10,842,299	24,848,649
Dayton, Ohio	4	2,064,429	77	81,987	608	303,041	608			212,348	594,646	1,281,658
Decatur, Ill	5	624,830	28	32,252	193	81,979	193			24,664	156,946	368,405
Evansville, Ind	4	478,700	27	29,100	164	72,891	164			32,386	106,423	312,820
Indianapolis, Ind	6	256,891	20	17,010	51	24,333	51			9,642	73,409	270,390
Joliet, Ill	3	137,546	5	5,500	62	33,059	62			5,099	82,999	142,615
Kalamazoo, Mich	6	154,567	35	22,441	38	18,053	36	2		36,344	82,135	188,506
Kansas City, Mo	4	766,903	36	52,854	156	100,017	156			35,244	162,116	438,089
La Crosse, Wis	5	293,061	24	31,822	148	71,709	148			23,684	219,038	368,012
Louisville, Ky	4	1,583,066	90	113,420	634	282,499	633		1	144,785	430,431	1,227,288
Milwaukee, Wis	4	4,109,622	587	293,504	524	271,343	514		10	134,109	806,086	2,296,888
Minneapolis, Minn	7	317,116	27	26,780	151	64,766	148	3		16,404	112,485	302,319
Norfolk, Va	3	219,537	15	10,422	100	46,500	96		4	7,994	45,925	126,005
Omaha, Nebr	3	52,000	5	2,325	38	22,400	38			1,767	44,494	89,356
Peoria, Ill	8	3,311,512	92	102,062	924	498,169	915	8	1	291,004	1,016,314	2,372,329
Philadelphia, Pa	3	536,731	49	55,956	204	111,271	204			44,329	177,453	416,930
Racine, Wis	9	6,913,534	415	369,836	1,472	770,041	1,472			369,281	1,254,625	3,001,009
Rockford, Ill	5	727,062	22	21,720	344	173,160	344			95,497	388,589	720,959
South Bend, Ind	6	1,775,722	123	131,056	1,382	669,380	1,358	24		287,817	1,039,339	2,432,083
Springfield, Ohio	7	8,194,543	897	689,616	2,359	1,174,545	2,317	42		585,962	2,222,540	5,272,636
Utica, N. Y.	3	957,393	34	23,573	186	79,557	186			67,760	163,596	363,509
York, Pa	4	333,410	35	26,278	314	112,141	310		4	9,721	183,506	407,417
All other cities[1]	57	12,368,999	714	754,380	3,928	1,879,345	3,919	3	6	801,806	3,896,007	8,283,551

[1] Includes Akron, Ohio, 2; Allegheny, Pa., 1; Anderson, Ind., 1; Atlanta, Ga., 1; Baltimore, Md., 1; Bay City, Mich., 1; Binghamton, N. Y., 1; Boston, Mass., 1; Buffalo, N. Y., 1; Chattanooga, Tenn., 1; Cleveland, Ohio, 1; Cohoes, N. Y., 1; Columbus, Ohio, 2; Council Bluffs, Iowa, 1; Dallas, Tex., 1; Davenport, Iowa, 1; Des Moines, Iowa, 1; Detroit, Mich., 2; Elmira, N. Y., 1; Hamilton, Ohio, 2; Jackson, Mich., 2; Jamestown, N. Y., 1; Los Angeles, Cal., 1; Macon, Ga., 1; New Haven, Conn., 1; New York, N. Y., 2; Portland, Me., 1; Poughkeepsie, N. Y., 2; Quincy, Ill., 2; Richmond, Va., 2; Saginaw, Mich., 2; St. Joseph, Mo., 1; St. Louis, Mo., 2; San Francisco, Cal., 2; Schenectady, N. Y., 1; Sioux City, Iowa, 1; Springfield, Ill., 1; Syracuse, N. Y., 2; Toledo, Ohio, 1; Topeka, Kans., 1; Trenton, N. J., 1; Worcester, Mass., 2; Zanesville, Ohio, 1.

AWNINGS, TENTS, AND SAILS.

Total	658	$3,991,275	433	$338,929	3,993	$1,868,946	2,300	1,665	28	$493,219	$6,100,039	$10,957,475
Albany, N. Y.	6	30,235	1	350	12	5,861	9	3		1,396	18,767	37,370
Baltimore, Md	21	67,890	8	2,860	97	47,316	66	29	2	7,089	99,403	198,058
Bangor, Me	3	16,303			19	10,100	11	8		1,031	21,242	41,050
Boston, Mass	33	193,771	34	25,522	220	118,042	150	70		26,624	223,479	489,575
Buffalo, N. Y.	8	34,162	3	825	50	19,650	30	20		6,999	38,055	84,123
Charleston, S. C	3	1,750			2	1,280	2			258	4,705	8,400
Chicago, Ill	34	670,463	68	55,633	472	217,390	241	230	1	50,407	835,001	1,301,455
Cincinnati, Ohio	7	41,875	1	1,000	40	17,431	24	16		6,221	36,192	71,907
Cleveland, Ohio	6	245,065	35	32,400	100	43,190	55	45		16,645	118,611	251,862
Columbus, Ohio	3	10,800	2	1,100	21	8,250	11	10		4,107	22,759	48,500

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

AWNINGS, TENTS, AND SAILS—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Dallas, Tex	4	$36,405	2	$2,700	34	$10,320	8	26		$2,301	$66,156	$103,600
Dayton, Ohio	3	7,775	1	800	16	6,115	8	8		1,879	13,308	29,600
Denver, Colo	5	72,370	5	6,010	44	23,666	15	29		6,558	126,977	178,097
Detroit, Mich	5	49,125	13	6,473	71	25,956	45	26		9,392	69,217	123,225
Dubuque, Iowa	3	7,335	1	624	3	875	2	1		1,053	4,162	14,300
Erie, Pa	3	3,935			2	610	1	1		77	8,441	6,000
Fall River, Mass	3	16,560			11	7,922	9	2		1,012	12,242	28,712
Gloucester, Mass	10	57,332	3	2,500	55	37,289	53	2		4,216	48,341	112,323
Hartford, Conn	3	12,840			13	5,988	6	7		999	5,739	19,572
Hoboken, N. J	3	6,900			9	4,152	6	3		692	3,840	12,400
Indianapolis, Ind	5	36,389	4	2,309	38	12,790	19	19		2,307	32,704	78,937
Los Angeles, Cal	4	55,280	4	4,128	35	16,533	16	17	2	5,831	73,559	124,316
Milwaukee, Wis	10	40,032	2	1,800	35	14,123	21	13	1	3,211	23,356	65,688
Minneapolis, Minn	6	66,425	15	11,512	63	24,610	25	38		10,517	66,276	137,670
Mobile, Ala	3	4,450			9	6,625	9			547	21,110	37,500
Newark, N. J	5	20,325	2	5,000	32	15,566	14	18		1,890	23,856	55,553
New Haven, Conn	5	27,075	2	1,950	27	13,885	19	8		2,176	22,702	50,880
New Orleans, La	6	24,300	6	3,200	31	17,892	25	4	2	3,569	30,724	61,373
New York, N. Y	153	540,774	38	31,774	757	431,073	541	215	1	131,551	1,295,516	2,481,547
Norfolk, Va	4	8,120			20	12,500	18	2		755	14,329	35,292
Oakland, Cal	3	5,500			3	1,712	2	1		442	4,933	16,535
Oswego, N. Y	4	5,610			6	2,350	5	1		837	6,130	12,100
Peoria, Ill	3	5,415	1	600	12	5,520	6	6		1,230	20,026	35,700
Philadelphia, Pa	46	152,625	5	5,225	190	88,471	119	69	2	20,229	223,762	468,926
Pittsburg, Pa	7	57,875	10	5,965	61	27,452	33	28		6,426	62,949	140,725
Portland, Me	7	4,660	1	200	18	5,960	15	3		807	15,027	27,227
Portland, Oreg	3	63,950	3	1,900	25	9,156	9	16		2,511	45,760	74,746
Providence, R. I	4	39,300	5	3,000	44	30,159	29	15		2,195	86,814	156,475
Rochester, N. Y	3	64,100	3	3,000	55	24,400	42	13		5,656	28,053	68,884
St. Louis, Mo	12	192,231	41	31,528	175	57,301	64	108	3	24,825	312,804	618,565
St. Paul, Minn	8	29,810	4	2,110	32	10,956	11	21		2,706	26,608	56,429
Salt Lake City, Utah	3	26,750			13	5,160	5	7	1	2,644	38,125	53,598
San Francisco, Cal	14	171,207	10	14,000	159	109,094	97	58	4	22,078	873,925	1,083,850
Seattle, Wash	4	30,724	12	8,130	34	24,495	18	14	2	5,372	94,493	152,526
Sioux City, Iowa	3	14,285	2	2,845	7	1,822	3	4		1,499	6,265	15,425
Springfield, Ill	3	15,010	1	650	18	5,972	12	6		2,514	9,439	24,450
Syracuse, N. Y	3	64,875	1	170	20	6,070	13	7		3,436	17,605	30,120
Toledo, Ohio	4	88,360	9	6,200	45	15,230	17	28		8,366	71,929	111,884
Washington, D. C	6	23,275	1	1,040	26	10,182	15	11		1,903	14,212	47,200
West Hoboken, N. J	3	475			1	210		1		298	2,120	4,518
Wichita, Kans	3	1,470			4	1,050	2	2		381	2,534	5,800
Worcester, Mass	3	1,900			7	1,611	2	5		1,172	4,322	10,965
Yonkers, N. Y	3	10,250	1	1,500	6	3,655	5	1		955	12,276	25,851
All other cities[1]	139	515,557	72	50,366	694	243,958	317	370	7	63,927	744,159	1,426,091

[1] Includes Akron, Ohio, 2; Allegheny, Pa., 2; Allentown, Pa., 1; Anderson, Ind., 1; Atlanta, Ga., 1; Auburn, N. Y., 1; Augusta, Ga., 2; Bay City, Mich., 2; Binghamton, N. Y., 1; Bloomington, Ill., 1; Bridgeport, Conn., 2; Burlington, Iowa, 1; Butte, Mont., 1; Camden, N. J., 2; Cedar Rapids, Iowa, 2; Chattanooga, Tenn., 1; Chester, Pa., 1; Clinton, Iowa, 1; Council Bluffs, Iowa, 1; Covington, Ky., 1; Davenport, Iowa, 2; Decatur, Ill., 1; Des Moines, Iowa, 1; Duluth, Minn., 2; Easton, Pa., 1; East St. Louis, Ill., 1; East Orange, N. J., 1; Elizabeth, N. J., 2; Elgin, Ill., 1; Elmira, N. Y., 1; Evansville, Ind., 2; Fitchburg, Mass., 2; Galveston, Tex., 2; Grand Rapids, Mich., 2; Harrisburg, Pa., 2; Haverhill, Mass., 2; Holyoke, Mass., 1; Houston, Tex., 2; Jackson, Mich., 1; Jamestown, N. Y., 1; Jersey City, N. J., 2; Johnstown, Pa., 1; Joliet, Ill., 1; Joplin, Mo., 1; Kalamazoo, Mich., 1; Kansas City, Kans., 1; Kansas City, Mo., 2; Kingston, N. Y., 1; La Crosse, Wis., 2; Lancaster, Pa., 1; Lawrence, Mass., 1; Lewiston, Me., 1; Lexington, Ky., 1; Little Rock, Ark., 1; Lima, Ohio, 1; Lincoln, Nebr., 2; Louisville, Ky., 2; Lowell, Mass., 2; Lynn, Mass., 2; McKeesport, Pa., 1; Manchester, N. H., 1; Memphis, Tenn., 1; Meriden, Conn., 1; Montgomery, Ala., 1; Nashville, Tenn., 1; New Bedford, Mass., 2; Newburg, N. Y., 2; Newcastle, Pa., 1; Newport, Ky., 1; Omaha, Nebr., 2; Orange, N. J., 2; Oshkosh, Wis., 1; Paterson, N. J., 1; Poughkeepsie, N. Y., 1; Pueblo, Colo., 1; Quincy, Mass., 1; Racine, Wis., 1; Richmond, Va., 2; Sacramento, Cal., 1; Saginaw, Mich., 2; St Joseph, Mo., 1; Salem, Mass., 1; San Antonio, Tex., 2; San Jose, Cal., 1; Schenectady, N. Y., 1; Sheboygan, Wis., 1; Spokane, Wash., 1; Springfield, Mass., 1; Springfield, Mo., 2; Springfield, Ohio, 1; Superior, Wis., 2; Tacoma, Wash., 2; Terre Haute, Ind., 1; Topeka, Kans., 1; Trenton, N. J., 1; Troy, N. Y., 1; Utica, N. Y., 2; Waterbury, Conn., 1; Watertown, N. Y., 1; Wheeling, W. Va., 1; Wilkesbarre, Pa., 1; Wilmington, Del., 2; York, Pa., 1.

BAGS, OTHER THAN PAPER.

Total	71	$7,531,252	336	$381,151	3,533	$1,076,569	1,237	2,144	152	$528,974	$16,659,051	$19,827,017
Baltimore, Md	6	217,603	8	10,820	120	31,382	29	90	1	14,210	363,970	452,970
Boston, Mass	4	76,500	5	4,600	78	22,572	24	54		9,993	187,530	235,000
Chicago, Ill	4	93,500	17	11,350	106	36,286	44	58	4	10,895	369,125	547,190
Cincinnati, Ohio	3	42,850	5	3,764	28	7,540	13	15		2,815	64,330	88,800
New Orleans, La	5	819,310	43	27,782	330	74,334	94	236		46,754	3,081,840	3,443,468
New York, N. Y	16	674,000	50	109,048	639	201,142	202	437		83,886	1,694,382	2,238,845
Philadelphia, Pa	3	41,250	2	2,020	29	10,425	8	21		2,446	85,220	130,208
Portland, Oreg	3	40,125	10	13,800	44	25,677	25	16	3	5,660	270,415	323,300
San Francisco, Cal	8	794,080	25	17,806	223	87,651	116	107		52,580	1,765,963	2,007,039
All other cities[1]	19	4,732,034	170	180,161	1,936	579,560	682	1,110	144	299,735	8,776,276	10,360,197

[1] Includes Charleston, S. C., 1; Cleveland, Ohio, 1; Indianapolis, Ind., 1; Jersey City, N. J., 1; Leavenworth, Kans., 1; Louisville, Ky., 1; Milwaukee, Wis., 1; Minneapolis, Minn., 2; Memphis, Tenn., 2; Nashville, Tenn., 1; Norfolk, Va., 1; Omaha, Nebr., 1; Richmond, Va., 1; St. Louis, Mo., 2; Springfield, Mass., 1; Superior, Wis., 1.

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

BASKETS, AND RATTAN AND WILLOW WARE.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Total	240	$1,364,507	84	$75,502	1,666	$550,930	1,210	310	146	$96,089	$744,949	$1,924,392
Allegheny, Pa	3	14,964	1	780	25	11,903	24	1		1,297	15,228	36,884
Baltimore, Md	26	46,109	2	2,400	35	12,930	34		1	11,163	49,434	99,802
Boston, Mass	3	2,985			11	7,010	11			791	2,618	14,070
Buffalo, N. Y	4	18,080	1	1,600	15	6,352	14	1		2,168	9,500	25,500
Charleston, S. C	3	101,100	10	9,486	193	21,526	178		15	13,134	42,504	104,432
Chelsea, Mass	3	7,475	1	624	18	8,400	16	2		175	2,904	19,032
Chicago, Ill	9	148,947	9	7,600	202	86,137	163	22	17	8,782	58,750	197,362
Cincinnati, Ohio	3	8,660			16	4,362	13		3	1,843	3,835	18,250
Dayton, Ohio	3	3,375	1	104	8	3,882	8			213	1,657	9,275
Detroit, Mich	10	26,471	2	490	23	8,559	20	1	2	1,567	5,693	22,986
Los Angeles, Cal	3	1,730			4	1,250	2	2		212	1,183	4,515
Milwaukee, Wis	4	2,878			2	656	1		1	188	1,324	3,647
New Orleans, La	7	19,287	6	4,000	44	17,667	42		2	1,732	12,070	51,310
New York, N. Y	37	224,265	12	14,993	291	111,241	211	67	13	12,677	208,357	417,825
Philadelphia, Pa	28	22,042	1	520	33	11,166	28	1	4	3,054	24,119	58,678
Rochester, N. Y	13	15,545	1	250	66	15,800	16	20	30	4,765	7,401	41,681
St. Louis, Mo	8	442,638	15	17,100	269	103,892	183	41	45	10,891	126,226	361,290
San Francisco, Cal	8	80,540	2	2,725	93	27,470	49	44		5,618	70,064	144,955
Syracuse, N. Y	3	4,305			7	3,050	7			340	2,287	8,533
Toledo, Ohio	3	3,800			14	6,008	11	3		291	1,400	9,566
Washington, D. C	3	4,166								188	427	2,490
York, Pa	9	5,530			8	1,866	5		3	225	1,681	8,400
All other cities[1]	42	159,615	20	12,830	289	79,803	174	105	10	14,775	96,287	263,909

[1] Includes Burlington, Iowa, 1; Camden, N. J., 1; Cohoes, N. Y., 1; Columbus, Ohio, 2; Council Bluffs, Iowa, 1; Evansville, Ind., 1; Grand Rapids, Mich., 1; Harrisburg, Pa., 1; Hartford, Conn., 1; Indianapolis, Ind., 2; Kingston, N. Y., 1; Leavenworth, Kans., 1; Louisville, Ky., 2; Manchester, N. H., 1; Minneapolis, Minn., 1; Muskegon, Mich., 1; Nashua, N. H., 1; New Albany, Ind., 1; Newark, N. J., 2; Oakland, Cal., 2; Omaha, Nebr., 1; Paterson, N. J., 1; Pittsburg, Pa., 1; Portland, Oreg., 1; Racine, Wis., 1; Reading, Pa., 2; Richmond, Va., 1; Sacramento, Cal., 1; Saginaw, Mich., 1; St. Paul, Minn., 2; San Jose, Cal., 1; Terre Haute, Ind., 1; Wheeling, W. Va., 2; Woonsocket, R. I., 1.

BICYCLES AND TRICYCLES.

Total	229	$20,968,835	1,595	$1,320,437	12,141	$5,676,679	11,565	322	254	$1,704,658	$11,719,275	$22,327,959
Boston, Mass	3	23,850	4	2,000	22	11,438	22			2,636	22,218	62,450
Buffalo, N. Y	14	1,063,957	65	69,844	597	264,476	585	12		117,009	596,761	1,222,602
Chicago, Ill	50	7,229,024	581	473,663	4,024	1,947,480	3,827	65	132	585,959	4,440,436	8,172,998
Cleveland, Ohio	12	817,204	52	48,595	618	210,208	597	21		44,082	419,917	862,024
Elmira, N. Y	3	12,600			25	9,450	9		16	1,660	16,504	36,752
Erie, Pa	3	436,110	42	27,119	258	142,336	258			29,938	239,839	466,223
Grand Rapids, Mich	3	265,099	25	16,611	197	87,902	180	17		40,581	158,638	329,556
Hartford, Conn	3	2,524,908	212	192,437	1,213	728,054	1,176	2	35	223,418	1,181,707	2,472,446
Indianapolis, Ind	6	1,076,867	52	46,663	766	317,488	639	124	3	53,474	542,942	880,969
Milwaukee, Wis	16	1,217,307	114	85,290	774	296,826	733		41	87,416	523,540	1,223,549
Newark, N. J	3	80,812	17	19,372	51	21,142	42	9		14,185	56,192	131,897
New York, N. Y	15	72,075	7	2,972	42	22,782	42			11,738	52,760	123,934
Pawtucket, R. I	7	12,534	1	400	8	4,800	8			1,457	10,030	20,269
Philadelphia, Pa	11	165,850	10	7,430	72	41,774	72			20,878	193,603	289,900
Providence, R. I	4	24,300	6	3,600	17	6,100	17			1,309	23,195	43,382
Reading, Pa	4	656,816	37	28,722	407	165,106	354	26	27	55,094	525,133	816,332
Rochester, N. Y	8	354,284	42	29,433	167	84,986	157	10		25,093	220,458	398,100
Springfield, Mass	6	125,309	11	12,627	95	50,458	92	3		8,606	77,849	187,695
Syracuse, N. Y	8	775,071	102	57,100	610	292,614	603	7		130,181	430,636	747,329
Toledo, Ohio	7	1,526,993	44	48,878	912	416,119	905	7		77,954	891,970	1,583,450
Worcester, Mass	6	300,248	17	17,302	181	62,869	168	13		27,368	93,745	264,249
All other cities[1]	37	2,207,617	154	130,379	1,085	492,271	1,079	6		144,622	1,001,202	1,991,853

[1] Includes Akron, Ohio, 1; Anderson, Ind., 2; Auburn, N. Y., 1; Bay City, Mich., 1; Bridgeport, Conn., 2; Canton, Ohio, 1; Cincinnati, Ohio, 1; Columbus, Ohio, 1; Des Moines, Iowa, 1; Detroit, Mich., 1; Fort Wayne, Ind., 1; Jackson, Mich., 1; Jamestown, N. Y., 1; Kalamazoo, Mich., 1; Los Angeles, Cal., 2; Minneapolis, Minn., 1; New Haven, Conn., 1; Peoria, Ill., 2; Pittsburg, Pa., 1; Pueblo, Colo., 1; Racine, Wis., 1; Rockford, Ill., 1; St. Paul, Minn., 2; San Francisco, Cal., 2; South Bend, Ind., 1; Springfield, Ohio, 1; Trenton, N. J., 1; Utica, N. Y., 1; Waltham, Mass., 2; Waterbury, Conn., 1.

BOOKBINDING AND BLANK BOOK MAKING.

Total	813	$10,607,091	959	$925,235	14,571	$6,166,704	6,933	7,146	492	$1,388,670	$6,488,991	$18,163,503
Albany, N. Y	6	24,537	1	320	47	22,055	29	17	1	3,669	20,327	55,092
Baltimore, Md	21	110,695	15	10,089	195	70,802	88	93	14	12,451	36,026	172,126
Binghamton, N. Y	3	6,590			6	1,895	2	4		575	1,308	5,292
Boston, Mass	58	899,191	64	57,454	1,281	553,033	517	741	23	132,670	392,433	1,428,683
Buffalo, N. Y	8	51,951	6	4,240	102	39,896	51	50	1	6,273	15,707	80,954
Cambridge, Mass	5	165,728	14	14,216	289	142,400	120	164	5	22,594	90,300	299,490
Chicago, Ill	74	638,787	92	39,679	1,149	465,065	558	548	43	109,160	617,719	1,517,229
Cincinnati, Ohio	18	70,148	11	6,348	179	73,936	101	72	6	17,027	40,142	183,822
Cleveland, Ohio	11	72,350	4	3,776	82	27,988	39	40	3	7,071	26,586	92,895
Columbus, Ohio	6	47,000	7	5,500	59	23,519	27	31	1	16,567	60,128	131,741

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

BOOKBINDING AND BLANK BOOK MAKING—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Davenport, Iowa	3	$4,600			8	$2,435	3	4	1	$822	$3,371	$10,300
Denver, Colo	4	30,350	7	$3,542	19	11,151	7	9	3	1,747	15,910	38,100
Detroit, Mich	5	22,731	6	3,488	55	16,715	16	36	3	4,426	12,009	48,506
Grand Rapids, Mich	3	27,197			32	16,473	16	16		13,422	9,411	45,855
Hartford, Conn	3	5,048	1	720	14	6,804	9	4	1	1,408	2,591	14,619
Holyoke, Mass	11	1,096,708	79	60,206	587	243,387	292	264	31	95,511	703,762	1,254,943
Indianapolis, Ind	3	26,514	4	4,000	29	11,405	13	16		11,006	7,137	46,621
Kansas City, Mo	3	7,000			14	6,400	9	5		838	4,240	19,350
Los Angeles, Cal	3	17,100	4	4,118	24	9,316	11	12	1	3,103	9,898	36,712
Milwaukee, Wis	11	295,292	48	38,076	519	141,686	221	233	65	33,885	245,851	524,961
Minneapolis, Minn	8	48,950	7	5,456	78	36,934	42	35	1	11,287	17,928	85,578
Newark, N. J	10	69,923	5	2,997	150	50,826	75	68	7	6,566	39,415	133,138
New Orleans, La	8	38,500	24	7,250	48	23,022	39	4	5	4,405	21,338	64,192
New York, N. Y	239	4,383,901	326	383,620	6,270	2,842,609	3,034	3,119	117	585,425	2,560,197	7,619,155
Philadelphia, Pa	66	1,122,895	75	75,498	1,281	535,064	635	579	67	104,851	539,408	1,571,502
Pittsburg, Pa	7	40,808	3	3,000	87	32,692	40	45	2	7,212	15,629	76,028
Portland, Me	4	21,015	6	3,000	37	15,504	17	20		6,119	22,807	56,900
Providence, R. I	6	68,282	8	6,256	80	32,655	41	38	1	13,349	18,568	79,562
Reading, Pa	3	27,100	2	780	33	10,671	14	19		1,286	7,180	26,071
Richmond, Va	6	83,211	15	9,808	114	30,701	41	72	1	8,041	19,237	95,276
Rochester, N. Y	7	57,475	16	12,486	126	54,718	72	52	2	21,784	53,359	163,046
Saginaw, Mich	3	6,794			11	3,175	4	7		524	1,250	10,045
St. Louis, Mo	16	217,267	22	24,276	325	131,645	142	175	8	22,583	112,110	349,729
St. Paul, Minn	7	51,350	9	5,060	115	53,248	59	56		6,237	172,169	257,757
San Francisco, Cal	12	60,500	8	8,300	176	83,053	76	78	22	10,605	47,490	175,658
Springfield, Mass	3	13,486	2	2,326	33	14,077	16	17		4,015	13,610	57,800
Syracuse, N. Y	4	19,467			41	12,654	12	27	2	1,504	7,641	31,100
Toledo, Ohio	4	46,510	8	6,280	33	11,700	17	14	2	6,515	22,782	64,116
Trenton, N. J	3	6,100	1	720	17	5,702	7	8	2	1,082	4,567	18,000
Washington, D. C[1]	9	31,813	1	1,560	48	25,778	39	9		4,080	15,133	58,686
All other cities[2]	126	572,227	58	60,790	778	273,915	382	345	51	66,975	462,317	1,162,873

[1] Includes governmental establishments, 2.

[2] Includes Allegheny, Pa., 2; Allentown, Pa., 2; Amsterdam, N. Y., 1; Anderson, Ind., 1; Auburn, N. Y., 1; Bangor, Me., 2; Bay City, Mich., 2; Bayonne, N. J., 1; Bridgeport, Conn., 1; Burlington, Iowa, 2; Camden, N. J., 1; Canton, Ohio, 2; Cedar Rapids, Iowa, 1; Council Bluffs, Iowa, 1; Dallas, Tex., 1; Dayton, Ohio, 1; Decatur, Ill., 1; Dubuque, Iowa, 1; Duluth, Minn., 2; Easton, Pa., 1; Elgin, Ill., 1; Elizabeth, N. J., 1; Elmira, N. Y., 2; Erie, Pa., 1; Fall River, Mass., 1; Fitchburg, Mass., 1; Fort Wayne, Ind., 2; Harrisburg, Pa., 2; Jackson, Mich., 2; Jamestown, N. Y., 1; Jersey City, N. J., 2; Kingston, N. Y., 1; La Crosse, Wis., 1; Lancaster, Pa., 2; Lawrence, Mass., 1; Leavenworth, Kans., 1; Lewiston, Me., 1; Louisville, Ky., 1; Lowell, Mass., 2; Lynn, Mass., 2; McKeesport, Pa., 1; Malden, Mass., 1; Manchester, N. H., 1; Mobile, Ala., 1; Muskegon, Mich., 1; Nashville, Tenn., 1; New Bedford, Mass., 1; New Britain, Conn., 2; Newburg, N. Y., 1; Newcastle, Pa., 1; New Haven, Conn., 1; Newton, Mass., 1; Omaha, Nebr., 1; Orange, N. J., 2; Oshkosh, Wis., 1; Passaic, N. J., 1; Paterson, N. J., 1; Pawtucket, R. I., 2; Peoria, Ill., 1; Portland, Oreg., 2; Poughkeepsie, N. Y., 1; Pueblo, Colo., 1; Quincy, Ill., 1; Racine, Wis., 1; Rockford, Ill., 2; Sacramento, Cal., 1; St. Joseph, Mo., 2; Salem, Mass., 2; Salt Lake City, Utah, 2; San Jose, Cal., 2; Scranton, Pa., 2; Seattle, Wash., 1; Sheboygan, Wis., 2; South Bend, Ind., 2; Springfield, Ill., 2; Springfield, Ohio, 1; Superior, Wis., 1; Tacoma, Wash., 2; Taunton, Mass., 1; Terre Haute, Ind., 1; Topeka, Kans., 1; Troy, N. Y., 2; Utica, N. Y., 2; Waterbury, Conn., 1; Wilkesbarre, Pa., 1; Williamsport, Pa., 1; Wilmington, Del., 2; Woonsocket, R. I., 1; Worcester, Mass., 2; York, Pa., 2; Youngstown, Ohio, 1; Zanesville, Ohio, 1.

BOOTS AND SHOES, FACTORY PRODUCT.

Total	992	$57,340,478	4,787	$4,822,112	84,835	$35,541,670	52,924	29,133	2,778	$6,799,439	$95,259,912	$151,813,904
Allentown, Pa	9	649,410	38	25,301	663	210,372	378	206	79	18,728	585,998	900,976
Baltimore, Md	18	468,880	37	45,986	846	269,959	568	266	12	35,828	635,464	1,065,507
Bangor, Me	4	180,100	14	19,500	418	162,200	333	85		40,859	708,964	967,883
Boston, Mass	11	761,681	143	117,322	2,332	999,575	1,259	1,038	35	155,550	2,408,813	3,882,655
Brockton, Mass	52	6,245,591	363	447,573	8,498	4,856,509	6,291	2,153	54	786,983	12,499,609	19,844,397
Buffalo, N. Y	17	540,398	69	59,063	725	192,439	430	259	36	36,926	571,450	890,493
Camden, N. J	23	317,553	29	23,069	429	154,961	274	146	9	21,388	365,241	609,455
Chelsea, Mass	3	146,170	21	18,586	348	157,490	213	129	6	20,726	521,194	739,817
Chicago, Ill	38	1,622,102	184	215,431	2,664	1,306,988	1,594	950	120	214,151	3,623,644	5,723,126
Cincinnati, Ohio	39	3,688,918	392	498,560	6,919	2,187,356	3,922	2,654	343	371,004	5,297,822	8,788,424
Cleveland, Ohio	5	229,597	21	23,690	438	112,076	234	204		20,919	336,272	552,335
Columbus, Ohio	8	1,694,542	151	201,314	1,880	683,401	1,203	570	107	95,242	2,141,731	3,505,126
Detroit, Mich	6	740,682	33	33,379	645	235,157	395	248	2	176,621	702,272	1,212,742
Dubuque, Iowa	3	140,274	18	13,334	159	46,141	83	62	14	7,762	120,200	208,634
Harrisburg, Pa	5	642,196	75	58,441	713	179,401	326	358	29	20,864	465,838	748,798
Haverhill, Mass	151	3,325,717	314	250,263	7,376	3,462,001	4,842	2,493	41	1,031,796	9,344,323	15,231,440
Lawrence, Mass	3	199,916	9	10,850	287	137,530	212	75		9,628	559,426	766,443
Louisville, Ky	3	89,268	30	14,075	168	39,919	75	49	44	6,586	124,845	206,624
Lowell, Mass	4	373,381	14	15,670	505	193,533	300	154	51	36,340	674,657	957,035
Lynn, Mass	123	5,570,928	504	403,288	8,652	4,203,719	5,047	3,600	5	798,851	10,298,891	16,830,733
Manchester, N. H	6	1,169,181	92	96,115	2,002	837,292	1,320	620	62	76,135	2,904,050	4,052,204
Milwaukee, Wis	18	1,261,931	96	83,272	1,363	442,277	790	449	124	95,689	1,415,078	2,195,928
Minneapolis, Minn	5	410,340	20	16,480	577	213,665	371	191	15	25,404	663,326	1,008,007
Newark, N. J	13	1,048,238	131	150,391	1,479	634,297	978	393	108	250,972	1,355,353	2,530,048
New Orleans, La	12	289,345	27	26,360	397	145,004	326	37	34	21,062	442,002	660,987
New York, N. Y	99	4,154,981	331	326,927	5,430	2,436,579	3,696	1,629	105	524,836	5,082,725	9,124,495
North Adams, Mass	7	849,990	64	58,895	1,516	642,974	896	551	69	85,121	1,925,139	2,881,474
Philadelphia, Pa	63	2,658,489	214	215,965	3,782	1,574,054	2,194	1,303	285	343,545	3,360,157	5,931,045
Portland, Me	3	87,293	6	8,610	180	86,960	97	83		9,082	192,111	321,231
Racine, Wis	5	335,053	55	53,548	469	154,717	257	198	14	20,578	565,347	849,215

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

BOOTS AND SHOES, FACTORY PRODUCT—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Rochester, N. Y	60	$2,942,648	395	$363,860	4,485	$1,664,903	2,423	1,788	274	$354,453	$4,026,537	$6,933,111
St. Joseph, Mo	4	131,083	12	10,928	200	72,876	147	52	1	13,447	268,991	362,378
St. Louis, Mo	29	2,804,644	170	190,549	5,344	1,880,360	2,927	1,998	419	159,410	5,851,880	8,286,156
St. Paul, Minn	4	1,294,435	80	90,805	1,019	377,458	697	320	2	86,779	1,002,502	1,645,999
Salem, Mass	18	997,900	70	53,512	1,787	766,047	1,087	682	18	56,660	1,876,029	2,974,631
Salt Lake City, Utah	3	124,267	17	17,432	140	52,558	98	40	2	5,017	156,046	225,986
San Francisco, Cal	23	1,180,552	46	46,077	855	400,917	607	216	32	59,917	945,957	1,618,514
Syracuse, N. Y	4	481,533	52	54,498	469	178,548	319	140	10	54,598	470,483	804,762
Worcester, Mass	11	651,732	31	34,695	803	379,745	516	281	6	78,449	1,053,140	1,610,605
All other cities[1]	80	6,839,539	419	428,498	7,873	2,809,712	5,199	2,463	211	571,533	9,716,405	14,164,485

[1] Includes Albany, N. Y., 2; Atlanta, Ga., 1; Auburn, N. Y., 1; Augusta, Ga., 1; Binghamton, N. Y., 2; Davenport, Iowa, 2; Decatur, Ill., 1; Denver, Colo., 1; Duluth, Minn., 1; Easton, Pa., 1; Elgin, Ill., 1; Elmira, N. Y., 1; Everett, Mass., 1; Fall River, Mass., 1; Fitchburg, Mass., 2; Gloucester, Mass., 1; Grand Rapids, Mich., 2; Hamilton, Ohio, 1; Hartford, Conn., 1; Jamestown, N. Y., 2; Joliet, Ill., 1; Kansas City, Mo., 1; La Crosse, Wis., 1; Lancaster, Pa., 2; Leavenworth, Kans., 1; Lewiston, Me., 1; Los Angeles, Cal., 2; Meriden, Conn., 1; Nashua, N. H., 2; Nashville, Tenn., 2; New Bedford, Mass., 2; New Brunswick, N. J., 2; New Haven, Conn., 1; Newport, Ky., 1; Omaha, Nebr., 2; Peoria, Ill., 1; Pittsburg, Pa., 1; Pittsfield, Mass., 2; Portland, Oreg., 1; Poughkeepsie, N. Y., 2; Providence, R. I., 2; Quincy, Ill., 1; Quincy, Mass,, 1; Reading, Pa., 1; Richmond, Va., 1; Rockford, Ill., 2; Seattle, Wash., 2; Sheboygan, Wis., 2; Springfield, Mass., 1; Springfield, Ohio, 2; Tacoma, Wash., 1; Taunton, Mass., 1; Trenton, N. J., 1; Troy, N. Y., 1; Utica, N. Y., 1; Wilkesbarre, Pa., 1; Williamsport, Pa., 1; Wilmington, Del., 1; Woonsocket, R. I., 2.

BOXES, FANCY AND PAPER.

Total	562	$12,156,779	1,201	$1,124,779	23,297	$6,810,882	6,353	15,427	1,517	$1,351,895	$9,936,691	$23,129,118
Albany, N. Y	4	16,046	6	2,387	94	23,403	24	70	-------	5,495	33,800	87,420
Atlanta, Ga	3	72,017	12	13,576	123	29,125	30	83	10	5,654	26,310	122,125
Baltimore, Md	11	135,796	32	16,268	356	77,699	79	220	57	24,975	126,473	296,013
Boston, Mass	23	291,631	37	34,414	718	231,548	165	547	6	51,106	249,846	687,256
Brockton, Mass	4	136,920	13	10,500	180	75,962	37	137	6	15,603	112,897	265,525
Buffalo, N. Y	9	145,673	12	9,552	374	76,845	55	310	9	19,853	101,341	237,504
Chicago, Ill	38	1,455,227	159	158,187	2,381	770,810	712	1,497	172	144,284	1,427,280	2,923,299
Cincinnati, Ohio	12	202,308	24	32,268	543	134,198	116	423	4	33,805	153,428	425,734
Cleveland, Ohio	5	127,824	11	12,050	314	87,673	70	244	-------	14,877	99,472	270,340
Cohoes, N. Y	3	68,997	10	8,372	98	40,514	69	13	16	6,943	74,932	144,769
Dayton, Ohio	3	341,660	39	47,740	350	100,660	135	215	-------	33,708	260,773	490,895
Detroit, Mich	5	190,543	14	14,580	381	69,801	50	231	100	10,740	85,018	230,483
Hartford, Conn	3	23,600	1	1,000	50	18,930	10	40	-------	1,983	30,032	56,100
Haverhill, Mass	7	103,315	4	2,150	163	67,736	55	108	-------	7,793	138,570	246,125
Indianapolis, Ind	4	59,154	3	3,280	90	17,830	20	70	-------	4,210	31,308	73,401
Jersey City, N. J	4	223,768	19	18,288	408	104,625	85	323	-------	15,533	109,635	283,024
Los Angeles, Cal	4	20,174	2	720	58	16,453	14	42	2	2,608	18,800	52,855
Lynn, Mass	7	233,153	19	15,752	292	118,558	117	175	-------	22,010	213,365	416,563
Newark, N. J	9	132,499	10	8,505	357	90,176	75	278	4	26,108	142,360	300,980
New Haven, Conn	6	695,371	39	46,968	603	197,503	217	371	15	30,973	394,539	866,584
New Orleans, La	3	21,000	6	4,400	87	17,100	20	61	6	3,813	42,880	81,000
New York, N. Y	159	2,173,613	326	274,761	5,428	1,847,585	1,707	3,535	186	411,165	2,209,045	5,758,569
Paterson, N. J	5	31,900	1	780	49	19,932	18	29	2	4,049	39,719	78,005
Philadelphia, Pa	50	1,597,911	110	98,797	2,709	708,565	578	1,825	306	134,045	1,005,931	2,412,687
Pittsburg, Pa	4	48,929	1	225	137	31,711	26	87	24	6,421	45,833	102,100
Providence, R. I	5	105,167	10	7,842	350	105,136	60	277	4	5,535	87,196	229,324
Reading, Pa	5	66,109	2	1,500	111	27,444	26	66	19	4,513	39,125	99,544
Richmond, Va	6	337,262	15	26,234	801	168,609	261	453	87	31,497	280,550	548,826
Rochester, N. Y	12	418,960	34	33,039	739	176,322	178	504	57	43,876	195,150	581,084
St. Louis, Mo	9	285,420	36	42,264	565	113,904	131	363	71	22,710	130,587	413,198
San Francisco, Cal	8	131,675	12	10,300	233	78,837	51	178	4	14,839	114,355	273,600
Seattle, Wash	3	17,650	2	1,000	10	2,560	2	8	-------	874	4,652	9,360
Springfield, Mass	4	36,070	1	1,500	98	29,602	14	84	-------	4,532	30,960	79,081
Syracuse, N. Y	3	81,664	2	650	89	21,623	19	57	13	4,288	32,365	70,814
Troy, N. Y	3	155,900	3	2,808	203	78,813	87	78	38	25,848	99,360	265,753
Washington, D. C	3	17,300	1	750	42	10,560	7	35	-------	1,365	11,320	31,000
All other cities[1]	116	1,954,573	173	161,372	3,713	1,022,530	1,024	2,390	299	154,264	1,737,484	3,618,178

[1] Includes Akron, Ohio, 1; Allegheny, Pa., 1; Allentown, Pa., 1; Amsterdam, N. Y., 2; Anderson, Ind., 1; Auburn, N. Y., 2; Bangor, Me., 1; Binghamton, N. Y., 1; Bridgeport, Conn., 2; Cambridge, Mass., 2; Cedar Rapids, Iowa, 1; Chattanooga, Tenn., 1; Chelsea, Mass., 2; Columbus, Ohio, 2; Dallas, Tex., 1; Davenport, Iowa, 2; Decatur, Ill., 1; Denver, Colo., 2; Des Moines, Iowa, 1; Dubuque, Iowa, 2; Easton, Pa., 1; Erie, Pa., 1; Everett, Mass., 1; Fitchburg, Mass., 1; Fort Wayne, Ind., 2; Grand Rapids, Mich., 1; Harrisburg, Pa., 2; Holyoke, Mass., 2; Jackson, Mich., 1; Jamestown, N. Y., 1; Kalamazoo, Mich., 1; Kansas City, Mo., 2; Kingston, N. Y., 1; Knoxville, Tenn., 1; La Crosse, Wis., 1; Lancaster, Pa., 1; Louisville, Ky., 1; Lowell, Mass., 2; Manchester, N. H,, 1; Memphis, Tenn., 1; Meriden, Conn., 2; Milwaukee, Wis., 2; Minneapolis, Minn., 2; Nashua, N. H., 1; Nashville, Tenn., 2; New Bedford, Mass., 1; New Britain, Conn., 2; New Brunswick, N. J., 1; Newburg, N. Y., 1; Norfolk, Va., 2; North Adams, Mass., 2; Omaha, Nebr., 1; Orange, N. J., 2; Peoria, Ill., 1; Petersburg, Va., 1; Pittsfield, Mass., 2; Portland, Me., 2; Portland, Oreg., 1; Poughkeepsie, N. Y., 1; Quincy, Ill., 1; Racine, Wis., 1; Rockford, Ill., 1; Saginaw, Mich,, 1; St. Paul, Minn., 2; Salem, Mass., 1; Salt Lake City, Utah, 1; San Antonio, Tex., 1; Schenectady, N. Y., 1; Sioux City, Iowa, 1; Somerville, Mass., 1; South Bend, Ind., 1; Springfield, Ohio, 2; Toledo, Ohio, 2; Topeka, Kans., 1; Trenton, N. J., 1; Utica, N. Y., 2; Waterbury, Conn., 2; Wheeling, W. Va., 2; Wichita, Kans., 1; Williamsport, Pa., 1; Wilmington, Del., 1; Woonsocket, R. I., 1; Worcester, Mass., 1; Yonkers, N. Y., 1; York, Pa., 1; Zanesville, Ohio, 1.

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES, IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

BRASS CASTINGS AND BRASS FINISHING.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Total	393	$19,871,460	789	$987,105	11,228	$5,707,230	10,332	760	136	$1,147,325	$17,720,603	$28,500,636
Baltimore, Md	6	80,098	7	7,032	66	27,844	66			6,542	121,382	203,333
Boston, Mass	23	376,107	16	15,670	214	129,410	213		1	24,955	244,008	478,794
Bridgeport, Conn	9	2,724,227	95	153,598	1,887	977,669	1,782	95	10	152,529	2,538,443	4,147,452
Buffalo, N. Y	7	47,182	2	1,326	32	15,723	31	1		3,616	40,432	75,196
Chicago, Ill	20	506,741	51	60,009	430	226,466	422	8		49,106	814,102	1,311,943
Cincinnati, Ohio	10	354,843	19	12,970	455	185,599	436	19		23,630	275,307	574,782
Cleveland, Ohio	9	117,097	12	12,641	156	69,792	156			5,300	143,863	276,647
Columbus, Ohio	3	37,554	8	4,000	36	16,226	36			2,791	26,150	54,592
Dayton, Ohio	3	517,925	19	31,800	260	88,944	255	5		37,728	163,021	375,136
Denver, Colo	3	29,500	1	1,500	19	12,000	19			1,463	38,325	64,900
Detroit, Mich	17	1,038,765	62	85,403	803	332,750	798		5	103,075	920,192	1,632,783
Erie, Pa	2	63,236			27	13,061	26		1	2,493	30,425	60,125
Hartford, Conn	3	62,414	2	1,555	29	20,600	29			2,500	22,895	56,170
Jersey City, N. J	8	959,883	17	15,786	149	83,915	147		2	24,600	718,897	880,728
Louisville, Ky	3	20,672			28	9,784	20	8		2,739	17,147	37,250
Milwaukee, Wis	9	917,862	53	57,933	424	182,653	367	25	32	38,272	510,324	884,050
Newark, N. J	12	476,277	7	5,419	130	71,862	118		12	9,088	234,424	375,962
New Haven, Conn	4	144,376	5	2,875	25	17,512	25			4,588	116,831	123,830
New York, N. Y	56	721,589	33	45,586	426	248,622	421	3	2	59,227	699,110	1,264,009
Philadelphia, Pa	33	1,805,055	95	108,712	704	345,376	700	4		123,128	1,682,196	2,554,629
Pittsburg, Pa	5	199,894	21	15,666	87	53,003	87			32,695	299,331	418,425
Portland, Oreg	3	16,[illegible]00			12	8,970	12			1,816	12,119	27,665
Providence, R. I	7	143,063	9	9,988	79	22,303	79			9,607	129,889	228,927
Reading, Pa	3	31,763	5	3,250	15	9,170	15			926	14,577	34,503
Rochester, N. Y	4	101,499	6	4,108	45	24,490	45			1,156	103,382	152,041
St. Louis, Mo	10	352,975	24	32,318	180	91,833	175		5	45,247	915,360	1,131,854
Salem, Mass	3	16,650			26	20,350	26			410	43,403	73,904
San Francisco, Cal	7	655,910	22	29,035	319	203,870	319			19,355	370,429	728,224
Springfield, Mass	3	267,787	10	18,600	181	92,226	181			24,312	134,745	333,061
Syracuse, N. Y	5	104,435			63	37,500	63			5,061	135,659	201,400
Waterbury, Conn	3	4,199,786	64	140,140	2,238	1,186,960	1,614	591	33	207,275	3,036,785	5,050,539
All other cities[1]	99	2,779,895	124	110,185	1,683	880,747	1,649	1	33	122,095	3,167,450	4,687,779

[1] Includes Akron, Ohio, 1; Albany, N. Y., 2; Allegheny, Pa., 1; Allentown, Pa., 2; Anderson, Ind., 2; Bangor, Me., 1; Bay City, Mich., 1; Binghamton, N. Y., 1; Birmingham, Ala., 2; Cambridge, Mass., 2; Chattanooga, Tenn., 1; Chelsea, Mass., 1; Chester, Pa., 2; Cohoes, N. Y., 1; Decatur, Ill., 1; Des Moines, Iowa, 1; Dubuque, Iowa, 1; Duluth, Minn., 1; Easton, Pa., 1; Elizabeth, N. J., 1; Fitchburg, Mass., 2; Fort Wayne, Ind., 2; Fort Worth, Tex., 1; Grand Rapids, Mich., 1; Hamilton, Ohio, 1; Harrisburg, Pa., 1; Holyoke, Mass., 2; Indianapolis, Ind., 2; Kalamazoo, Mich., 2; Kansas City, Mo., 2; Lawrence, Mass., 2; Lewiston, Me., 1; Lima, Ohio, 1; Los Angeles, Cal., 2; Lowell, Mass., 1; McKeesport, Pa., 1; Manchester, N. H., 1; Minneapolis, Minn., 2; Muncie, Ind., 1; New Albany, Ind., 1; New Bedford, Mass., 2; New Britain, Conn., 1; Newburg, N. Y., 1; New Orleans, La., 2; Oakland, Cal., 1; Paterson, N. J., 2; Pawtucket, R. I., 2; Peoria, Ill., 1; Portland, Me., 1; Pueblo, Colo., 1; Quincy, Ill., 2; Quincy, Mass., 2; Rockford, Ill., 2; Sacramento, Cal., 1; St. Paul, Minn., 1; San Jose, Cal., 1; Savannah, Ga., 1; Scranton, Pa., 1; Somerville, Mass., 1; Springfield, Ohio, 2; Taunton, Mass., 1; Terre Haute, Ind., 1; Toledo, Ohio, 2; Trenton, N. J., 1; Utica, N. Y., 1; Washington, D. C., 1; Watertown, N. Y., 2; Wheeling, W. Va., 1; Wilkesbarre, Pa., 1; Wilmington, Del., 1; Worcester, Mass., 2; Yonkers, N. Y., 1; Youngstown, Ohio, 1.

BRICK AND TILE.

Total	564	$25,961,939	599	$581,681	14,350	$5,734,163	13,988	5	357	$1,068,877	$2,768,413	$13,078,269
Akron, Ohio	3	84,813	4	2,510	72	29,299	72			7,636	17,998	75,769
Albany, N. Y	5	143,000	3	2,400	80	33,000	80			5,445	12,880	63,300
Allentown, Pa	5	118,326	2	1,000	95	29,357	90		5	6,794	14,798	75,714
Birmingham, Ala	3	16,650			75	20,791	61		14	665	6,973	41,200
Bloomington, Ill	5	79,655	7	4,975	103	44,100	103			20,284	16,165	122,400
Buffalo, N. Y	6	677,955	7	4,974	222	92,859	218		4	27,763	38,347	202,982
Cambridge, Mass	5	522,978	9	9,250	184	84,694	184			14,417	78,981	226,482
Canton, Ohio	3	465,139	9	8,980	171	83,481	165		6	37,993	63,141	255,890
Cedar Rapids, Iowa	3	19,900	1	390	20	9,415	20			635	4,591	23,000
Chattanooga, Tenn	3	58,118	4	3,900	132	35,816	132			16,762	27,780	96,225
Chester, Pa	3	51,600	1	1,200	56	21,000	56			1,213	6,297	37,600
Chicago, Ill	22	923,282	18	23,344	389	186,643	380		9	22,937	77,162	433,956
Cincinnati, Ohio	12	26,150			54	30,858	54			7,358	12,016	65,650
Cleveland, Ohio	10	339,400	6	5,030	216	119,654	214		2	17,010	61,324	280,854
Columbus, Ohio	5	19,565	1	800	62	23,889	54		8	2,533	7,537	43,100
Council Bluffs, Iowa	6	70,650			42	21,500	42			1,431	12,856	49,200
Covington, Ky	3	20,725	1	1,200	25	6,860	21		4	1,463	3,162	19,850
Davenport, Iowa	4	26,900	1	800	24	10,785	22		2	1,952	4,505	19,416
Denver, Colo	20	295,250	7	9,000	208	128,099	206		2	22,370	40,617	262,456
Des Moines, Iowa	14	503,401	21	21,440	256	106,349	253	1	2	20,712	69,940	302,566
Detroit, Mich	3	103,698	1	240	35	13,605	32	3		865	4,992	25,400
Dubuque, Iowa	6	51,831			41	19,507	41			2,701	6,675	33,125
Easton, Pa	3	51,545	2	2,000	35	9,490	32		3	603	6,087	24,000
Evansville, Ind	17	202,995	7	3,450	105	42,533	97		8	6,888	10,856	83,776
Fort Wayne, Ind	3	27,931	2	1,400	64	26,004	61		3	1,000	7,515	48,600
Harrisburg, Pa	3	270,028	7	5,240	123	38,749	122		1	6,194	18,661	87,667
Hartford, Conn	7	114,025	2	1,240	68	30,800	68			4,094	10,760	60,050
Haverhill, Mass	4	29,825	1	725	37	19,475	37			975	12,074	44,375
Indianapolis, Ind	6	14,410	1	400	30	11,130	30			679	6,397	33,600
Kansas City, Mo	7	483,286	13	13,840	277	149,691	276		1	34,311	88,806	363,603

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

BRICK AND TILE—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Kingston, N. Y	3	$251,599	3	$2,328	252	$102,551	246		6	$13,620	$24,508	$159,131
Lancaster, Pa	3	66,660			69	22,970	69			3,741	10,702	52,275
Lewiston, Me	5	28,942	1	210	21	10,915	21			2,352	8,376	26,460
Los Angeles, Cal	6	169,000	8	7,240	110	43,053	102		8	4,918	21,143	111,177
Louisville, Ky	9	256,090	11	9,828	298	92,549	295		3	7,404	62,987	255,573
Lynn, Mass	3	62,850			17	9,748	17			650	5,470	23,750
McKeesport, Pa	4	57,500	5	1,275	47	21,604	43		4	2,554	3,305	35,261
Milwaukee, Wis	3	154,711	4	3,400	110	50,779	110			19,705	49,365	163,500
Minneapolis, Minn	8	173,410	4	2,150	88	36,012	88			4,567	21,568	79,155
Omaha, Nebr	9	109,750	12	7,280	177	64,490	174		3	6,395	35,443	149,875
Peoria, Ill	5	66,530			63	26,420	59		4	1,790	10,085	60,000
Philadelphia, Pa	37	2,448,668	47	53,593	1,451	678,201	1,430		21	195,100	283,085	1,497,304
Pittsburg, Pa	21	1,232,110	31	28,295	671	300,963	632		39	81,845	149,195	729,632
Portland, Me	3	27,700			36	15,630	36			2,601	10,739	48,050
Portland, Oreg	5	48,417	4	2,860	63	27,507	62		1	1,761	13,275	66,600
Pueblo, Colo	3	7,700	1	900	17	6,804	17			852	4,657	15,600
Quincy, Ill	7	63,510			41	14,569	38		3	2,544	8,116	32,550
Reading, Pa	3	9,750			24	7,887	19		5	1,262	2,903	17,525
Richmond, Va	5	117,250	4	2,800	139	36,244	137		2	3,230	19,174	83,600
St. Joseph, Mo	10	159,485	4	4,000	236	94,175	226		10	18,484	54,991	211,437
St. Louis, Mo	11	4,315,257	48	70,345	857	303,901	781		76	66,416	137,368	642,961
St. Paul, Minn	4	87,785	4	5,400	40	17,260	40			6,552	17,364	54,485
San Jose, Cal	4	351,717	19	15,000	155	70,767	155			20,419	45,012	196,797
Scranton, Pa	3	60,161	2	1,620	67	22,520	66		1	3,103	3,653	42,000
Seattle, Wash	3	134,158	10	10,700	89	54,239	88		1	10,981	19,419	124,610
Sheboygan, Wis	3	60,124	7	2,940	28	10,797	28			2,118	8,720	31,450
Sioux City, Iowa	6	377,252	9	7,950	83	46,346	82		1	14,977	33,324	111,350
South Bend, Ind	3	34,000	1	600	36	17,100	36			2,320	9,117	38,250
South Omaha, Nebr	3	57,200	4	3,300	43	17,460	43			1,155	11,442	46,150
Spokane, Wash	4	24,270	5	4,320	62	31,844	61	1		2,224	13,775	80,482
Springfield, Mo	6	25,025			28	9,028	25		3	325	5,474	22,450
Taunton, Mass	4	112,054	2	1,800	79	33,375	79			3,153	12,591	64,985
Terre Haute, Ind	6	78,922	3	3,000	65	20,312	63		2	2,209	10,499	49,750
Toledo, Ohio	11	393,312	8	6,636	288	135,851	282		6	22,271	52,846	279,152
Trenton, N. J	6	271,969	1	624	220	85,585	211		9	6,361	21,967	143,068
Troy, N. Y	5	93,300	3	1,144	59	25,385	59			1,666	11,728	56,050
Washington, D. C	11	715,840	17	16,304	437	166,483	437			34,926	62,569	364,142
Williamsport, Pa	3	34,825	2	2,300	19	9,464	18		1	3,771	18,040	40,882
York, Pa	4	49,600			128	39,154	113		15	5,600	12,373	99,750
All other cities[1]	113	7,360,505	177	171,811	4,336	1,474,788	4,277		59	187,272	712,152	3,269,244

[1] Includes Allegheny, Pa., 2; Altoona, Pa., 1; Amsterdam, N. Y., 2; Auburn, N. Y., 1; Augusta, Ga., 2; Aurora, Ill., 2; Austin, Tex., 1; Baltimore, Md., 1; Bangor, Me., 1; Binghamton, N. Y., 1; Boston, Mass., 1; Burlington, Iowa, 2; Camden, N. J., 2; Clinton, Iowa, 2; Cohoes, N. Y., 1; Dallas, Tex., 2; Dayton, Ohio, 2; Decatur, Ill., 1; Elmira, N. Y., 1; Erie, Pa., 2; Everett, Mass., 2; Fitchburg, Mass., 1; Grand Rapids, Mich., 2; Hamilton, Ohio, 1; Holyoke, Mass., 1; Houston, Tex., 2; Jacksonville, Fla., 1; Johnstown, Pa., 1; Joliet, Ill., 2; Joplin, Mo., 1; Kansas City, Kans., 1; Knoxville, Tenn., 1; Leavenworth, Kans., 1; Lexington, Ky., 1; Lima, Ohio, 2; Lincoln, Nebr., 1; Little Rock, Ark., 2; Macon, Ga., 2; Memphis, Tenn., 2; Mobile, Ala., 1; Montgomery, Ala., 1; Muncie, Ind., 1; Nashville, Tenn., 2; New Albany, Ind., 2; New Britain, Conn., 2; Newburg, N. Y., 2; Newcastle, Pa., 1; New Orleans, La., 1; Newport, Ky., 2; New York, N. Y., 2; Norfolk, Va., 2; North Adams, Mass., 1; Petersburg, Va., 1; Pittsfield, Mass., 1; Poughkeepsie, N. Y., 2; Racine, Wis., 2; Roanoke, Va., 1; Sacramento, Cal., 1; Saginaw, Mich., 1; San Antonio, Tex., 1; Springfield, Ill., 2; Springfield, Mass., 2; Springfield, Ohio, 2; Syracuse, N. Y., 2; Tacoma, Wash., 2; Topeka, Kans., 1; Utica, N. Y., 2; Waco, Tex., 2; Watertown, N. Y., 1; Wichita, Kans., 1; Wilkesbarre, Pa., 2; Wilmington, Del., 2; Worcester, Mass., 2; Youngstown, Ohio, 1; Zanesville, Ohio, 2.

BROOMS AND BRUSHES.

Total	733	$7,044,004	623	$556,092	7,185	$2,700,351	4,918	1,924	343	$644,577	$7,038,821	$13,359,317
Akron, Ohio	3	2,640			6	2,920	6			299	3,578	8,950
Albany, N. Y	3	17,415	2	1,350	13	5,282	11	2		737	11,008	21,600
Allegheny, Pa	4	76,540	3	3,200	46	14,805	20	25	1	11,908	56,490	100,023
Allentown, Pa	4	9,800	1	306	22	7,568	22			675	7,616	24,325
Amsterdam, N. Y	7	444,622	26	24,347	293	138,392	292		1	25,055	339,998	602,933
Baltimore, Md	37	245,982	17	10,850	359	112,882	286	55	18	14,637	265,192	499,885
Boston, Mass	16	1,071,302	42	46,970	618	232,770	269	321	28	50,914	776,634	1,265,367
Buffalo, N. Y	10	66,259	2	704	39	15,783	38	1		1,491	43,102	81,559
Chicago, Ill	67	290,925	27	28,571	408	198,800	282	112	14	28,415	422,183	864,866
Cincinnati, Ohio	17	227,970	28	37,538	128	49,516	121	3	4	85,095	244,764	491,308
Cleveland, Ohio	12	77,417	10	9,540	132	44,765	81	51		8,996	128,874	223,985
Columbus, Ohio	4	71,851	8	6,600	53	17,270	43	10		15,543	50,623	103,684
Dallas, Tex	3	3,415			13	5,200	11		2	867	11,945	26,500
Davenport, Iowa	3	18,875	9	9,747	45	13,829	22	7	16	2,180	20,124	53,250
Dayton, Ohio	4	7,455			20	9,877	18		2	796	19,042	38,440
Denver, Colo	4	23,300	11	3,000	38	16,730	36	1	1	2,401	22,095	49,120
Detroit, Mich	12	96,659	12	9,166	152	50,173	106	34	12	8,553	129,432	228,957
Evansville, Ind	5	93,020	18	20,640	70	32,702	40	20	10	4,964	126,077	211,537
Fall River, Mass	4	5,625			8	3,148	6	2		111	6,401	14,627
Fort Wayne, Ind	5	4,310			4	1,371	4			237	11,089	17,966
Grand Rapids, Mich	6	169,745	12	12,528	256	56,514	92	164		19,768	78,664	200,088
Indianapolis, Ind	9	26,438	2	1,375	42	20,713	40	1	1	1,446	33,132	66,441
Jackson, Mich	4	2,187			5	1,850	5			151	5,191	10,975
Kansas City, Kans	3	8,925			22	9,100	22			1,049	13,365	26,800
Kansas City, Mo	7	15,930			27	12,260	26		1	819	22,465	45,248

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

BROOMS AND BRUSHES—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Lancaster, Pa	3	$1,355			3	$820	1	1	1	$158	$1,798	$5,004
Lawrence, Mass	5	9,448			13	7,212	13			1,492	18,862	35,085
Lincoln, Nebr	3	16,400	15	$16,700	16	5,000	16			14,903	66,801	116,945
Los Angeles, Cal	4	25,050	3	2,580	32	12,835	30		2	2,014	33,772	56,979
Louisville, Ky	9	42,414	10	7,794	32	11,402	17	13	2	12,758	75,892	162,402
Lowell, Mass	3	4,250			4	1,456	2	2		422	5,351	10,760
Milwaukee, Wis	20	69,241	9	7,085	104	32,002	97		7	5,277	98,533	178,689
Minneapolis, Minn	8	17,535	1	800	33	16,830	32		1	1,008	36,096	58,925
Nashville, Tenn	7	15,680	3	1,920	31	7,628	28		3	517	26,184	48,980
Newark, N. J	10	146,755	27	27,285	184	54,506	113	65	6	40,904	242,600	476,552
New Orleans, La	7	15,965	3	2,050	65	24,763	56	4	5	1,212	59,156	118,620
New York, N. Y	84	1,575,070	131	98,837	1,396	550,453	823	480	93	117,164	1,296,351	2,448,194
Omaha, Nebr	4	14,600			11	5,300	11			729	15,948	32,020
Oshkosh, Wis	3	5,550	1	416	10	2,533	5	5		138	4,638	9,929
Pawtucket, R. I	8	48,876	5	3,756	118	36,123	53	65		2,738	51,733	128,390
Peoria, Ill	3	7,135			5	1,800	5			102	5,125	7,800
Philadelphia, Pa	69	466,076	45	40,476	472	199,541	358	83	31	35,358	476,504	938,245
Pittsburg, Pa	4	243,965	2	1,800	134	42,200	95	37	2	10,798	164,856	248,038
Providence, R. I	3	13,200			38	10,850	13	24	1	1,256	14,788	34,960
Reading, Pa	7	27,550	5	1,018	43	12,805	35	5	3	1,937	44,697	73,604
Richmond, Va	4	5,305	4	1,860	36	8,505	30	3	3	1,420	14,006	38,893
Rochester, N. Y	4	11,050			19	9,990	19			864	22,891	41,200
Rockford, Ill	3	15,200	1	1,500	9	4,620	4	5		3,156	4,372	16,840
St. Louis, Mo	28	100,205	14	11,357	164	67,089	121	22	21	19,774	161,890	353,385
St. Paul, Minn	8	49,784	8	4,450	39	20,709	38	1		5,027	49,672	96,601
San Antonio, Tex	3	7,350			4	2,316	3	1		236	8,800	14,460
San Francisco, Cal	16	113,174	19	14,626	147	70,857	133	4	10	10,763	120,638	257,694
Schenectady, N. Y	4	35,750			40	16,194	39		1	1,176	35,735	66,500
Syracuse, N. Y	3	15,545	1	386	34	10,642	18	4	12	2,113	21,184	40,586
Tacoma, Wash	3	4,950			14	8,080	13	1		526	18,848	43,200
Terre Haute, Ind	3	3,650			6	2,704	6			197	5,230	10,400
Topeka, Kans	4	2,250			5	2,150	5			206	6,985	13,040
Toledo, Ohio	5	126,245	12	14,316	196	58,370	114	82		9,415	112,297	217,399
Washington, D. C	4	14,425	1	468	16	4,992	14		2	613	27,681	39,576
Worcester, Mass	3	14,171	8	4,222	21	7,750	11	10		1,530	21,919	43,692
York, Pa	5	3,520			3	1,000	3			475	4,659	9,981
All other cities[1]	116	676,708	65	63,958	869	294,104	645	198	26	49,094	813,245	1,587,315

[1] Includes Altoona, Pa., 1; Anderson, Ind., 1; Atlanta, Ga., 2; Auburn, N. Y., 1; Augusta, Ga., 1; Aurora, Ill., 1; Bangor, Me., 1; Bayonne, N. J., 1; Birmingham, Ala., 1; Bloomington, Ill., 1; Bridgeport, Conn., 1; Burlington, Iowa, 2; Cambridge, Mass., 2; Camden, N. J., 2; Canton, Ohio, 2; Cedar Rapids, Iowa, 1; Chattanooga, Tenn., 2; Clinton, Iowa, 2; Columbia, S. C., 1; Decatur, Ill., 1; Des Moines, Iowa, 2; Dubuque, Iowa, 2; Duluth, Minn., 1; Easton, Pa., 2; East St. Louis, Ill., 1; Elgin, Ill., 2; Elmira, N. Y., 1; Erie, Pa., 1; Everett, Mass., 1; Hamilton, Ohio, 1; Harrisburg, Pa., 2; Hartford, Conn., 2; Holyoke, Mass., 2; Jersey City, N. J., 2; Johnstown, Pa., 1; Joliet, Ill., 1; Kalamazoo, Mich., 1; Kingston, N. Y., 1; La Crosse, Wis., 2; Leavenworth, Kans., 1; Lewiston, Me., 1; Lynn, Mass., 1; Macon, Ga., 2; Malden, Mass., 1; Manchester, N. H., 1; Memphis, Tenn., 2; Mobile, Ala., 2; Montgomery, Ala., 1; New Albany, Ind., 2; New Bedford, Mass., 1; Newburg, N. Y., 1; New Haven, Conn., 1; North Adams, Mass., 1; Paterson, N. J., 2; Portland, Me., 1; Portland, Oreg., 2; Pueblo, Colo., 1; Quincy, Ill., 2; Racine, Wis., 1; Sacramento, Cal., 2; Saginaw, Mich., 1; St. Joseph, Mo., 1; San Jose, Cal., 2; Savannah, Ga., 1; Scranton, Pa., 1; Seattle, Wash., 1; Sioux City, Iowa, 1; Somerville, Mass., 2; South Bend, Ind., 1; Spokane, Wash., 2; Springfield, Ill., 2; Springfield, Mass., 1; Springfield, Mo., 2; Springfield, Ohio, 2; Taunton, Mass., 1; Trenton, N. J., 1; Utica, N. Y., 1; Waco, Tex., 1; West Hoboken, N. J., 1; Wichita, Kans., 2; Williamsport, Pa., 2; Wilmington, Del., 2 Youngstown, Ohio, 1.

CARPETS AND RUGS, OTHER THAN RAG.

Total	109	$35,216,278	542	$688,065	24,160	$9,677,827	11,593	10,827	1,740	$2,321,616	$23,791,039	$42,041,054
Amsterdam, N. Y	3	3,560,901	46	67,397	2,173	860,027	1,280	816	77	106,642	1,751,585	3,408,589
New York, N. Y	4	2,028,542	63	103,208	1,616	598,191	592	845	179	272,877	1,317,486	2,467,571
Philadelphia, Pa	88	16,866,764	296	330,155	12,190	5,092,252	6,157	5,268	765	1,448,363	13,223,263	21,986,062
All other cities[1]	14	12,760,071	137	187,305	8,181	3,127,357	3,564	3,898	719	493,734	7,498,705	14,178,832

[1] Includes Auburn, N. Y., 1; Boston, Mass., 1; Bridgeport, Conn., 1; Camden, N. J., 1; Denver, Colo., 1; Elizabeth, N. J., 1; Lowell, Mass., 1; Newburg, N. Y., 1; Norristown, Pa., 2; Paterson, N. J., 1; Worcester, Mass., 2; Yonkers, N. Y., 1.

CARRIAGES AND WAGONS.

Total	2,424	$71,791,889	2,644	$2,644,871	35,791	$18,003,708	35,184	428	179	$3,970,359	$31,596,716	$68,924,998
Akron, Ohio	5	59,375	3	2,350	24	11,134	24			2,914	14,465	39,643
Albany, N. Y	11	225,625	5	7,624	98	61,283	98			5,447	58,366	168,975
Allegheny, Pa	19	142,977	1	700	70	42,427	68		2	9,501	43,788	147,599
Allentown, Pa	7	63,500			34	16,945	34			2,231	14,898	51,897
Altoona, Pa	5	11,545			8	4,520	8			910	4,634	16,398
Amsterdam, N. Y	3	2,400			6	3,100	6			488	2,955	9,600
Anderson, Ind	4	101,150	7	4,400	60	42,900	58	2		1,700	51,730	121,910
Atlanta, Ga	6	52,525	7	4,900	82	31,300	82			4,103	32,355	111,460
Auburn, N. Y	6	46,068	2	582	19	8,050	19			10,397	6,974	42,361
Augusta, Ga	5	77,150			48	17,024	47		1	3,197	20,677	50,505
Austin, Tex	3	6,554			12	5,900	12			1,459	7,260	19,560
Baltimore, Md	92	476,561	19	14,750	553	242,666	539		14	33,488	211,779	690,950
Bangor, Me	8	13,300			22	11,468	22			1,376	9,971	30,579
Bay City, Mich	6	11,475			15	7,083	15			1,429	13,502	30,370
Binghamton, N. Y	9	330,738	16	19,116	193	89,645	187	6		13,606	166,829	313,511

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

CARRIAGES AND WAGONS—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Birmingham, Ala	6	$22,900			54	$22,700	54			$3,825	$27,850	$69,750
Bloomington, Ill	3	53,300			16	8,350	16			1,455	6,260	18,040
Boston, Mass	59	1,668,067	34	$30,516	581	250,024	581			87,531	370,111	1,127,071
Bridgeport, Conn	9	665,133	16	13,451	207	122,843	207			14,588	134,811	366,585
Brockton, Mass	9	20,086			15	9,251	15			2,351	15,895	41,805
Buffalo, N. Y	58	1,387,426	35	21,980	456	255,260	455	1		62,194	375,195	1,021,194
Burlington, Iowa	9	269,444	11	13,636	186	73,615	182	4		8,488	248,367	429,204
Butte, Mont	4	25,700			18	23,592	18			3,243	22,593	70,610
Cambridge, Mass	25	256,122	7	6,084	180	105,892	180			19,834	114,703	311,914
Camden, N. J	11	92,756	9	9,398	126	63,175	126			13,420	71,090	218,990
Canton, Ohio	7	34,800	1	150	33	15,487	33			1,607	22,170	60,284
Cedar Rapids, Iowa	3	30,250			19	18,290	19			822	14,680	48,390
Chattanooga, Tenn	6	170,350	13	16,610	91	39,831	91			10,137	121,268	227,315
Chelsea, Mass	3	26,519	1	500	22	14,134	22			968	12,206	36,935
Chester, Pa	6	47,150			26	15,440	26			1,937	19,239	48,480
Chicago, Ill	124	4,087,245	128	137,783	1,868	1,048,297	1,850	9	9	260,475	1,653,252	3,818,612
Cincinnati, Ohio	63	3,488,763	280	234,227	2,147	1,116,426	2,055	90	2	237,417	3,652,808	6,096,108
Cleveland, Ohio	43	481,147	32	23,095	465	253,971	465			47,862	277,971	729,292
Clinton, Iowa	4	261,700	11	14,150	118	52,461	112	5	1	36,474	142,930	318,940
Columbia, S. C	3	9,000			25	7,680	25			820	9,750	26,150
Columbus, Ohio	20	1,597,006	109	84,632	1,026	417,856	990	26	10	130,614	1,044,017	2,136,467
Council Bluffs, Iowa	3	109,582	4	2,073	54	31,896	49	5		5,244	74,456	155,300
Covington, Ky	4	22,650			22	9,420	21		1	1,960	7,303	25,823
Dallas, Tex	3	18,150			19	13,560	19			1,263	11,545	33,600
Davenport, Iowa	10	595,589	15	14,810	150	77,813	147		3	63,951	229,648	408,288
Dayton, Ohio	13	222,780	9	13,960	205	105,221	204	1		9,434	151,866	338,205
Denver, Colo	16	114,081	4	3,100	79	56,272	77		2	7,488	47,716	146,894
Des Moines, Iowa	6	208,281	20	18,688	129	57,724	121	8		20,795	146,631	288,984
Detroit, Mich	20	554,643	23	30,948	318	150,135	311	7		24,298	351,821	672,665
Dubuque, Iowa	8	711,725	46	13,900	361	107,876	361			46,935	276,718	636,963
Duluth, Minn	7	11,270			14	8,312	14			1,165	10,018	26,857
East Orange, N. J	3	36,900	2	900	37	24,140	37			2,246	18,625	57,740
East St. Louis, Ill	3	16,650			13	8,745	13			398	4,156	19,423
Elizabeth, N. J	10	540,980	25	43,700	192	138,668	191	1		37,736	190,240	478,855
Elmira, N. Y	4	32,125			25	11,420	25			1,022	13,453	41,320
Erie, Pa	3	35,922	1	500	22	11,592	22			1,430	11,131	32,211
Evansville, Ind	7	129,608	4	2,960	69	29,322	69			5,802	72,792	124,150
Fall River, Mass	5	60,780	2	1,350	33	19,400	33			1,702	13,283	51,103
Fort Wayne, Ind	10	387,217	19	20,404	225	101,849	225			43,844	235,503	456,280
Fort Worth, Tex	6	73,475			34	19,656	34			3,065	23,017	57,071
Galveston, Tex	5	38,425	4	4,400	32	20,820	32			1,913	20,166	59,090
Grand Rapids, Mich	10	906,008	21	21,276	289	123,635	289			34,325	389,373	682,992
Hamilton, Ohio	3	243,547	16	17,784	178	77,759	156	13	9	39,106	211,772	570,334
Harrisburg, Pa	8	85,220	5	4,620	45	21,653	45			2,093	24,698	62,708
Hartford, Conn	6	2,149,820	77	93,381	904	474,345	904			66,494	699,080	1,933,115
Haverhill, Mass	3	19,000			14	8,600	14			613	12,355	33,800
Houston, Tex	4	74,104	1	780	52	28,400	52			5,050	35,966	94,200
Holyoke, Mass	8	75,071	4	2,964	45	23,622	45			3,305	15,105	77,093
Indianapolis, Ind	17	1,182,570	106	88,886	1,008	400,412	955	53		48,909	1,470,418	2,264,928
Jackson, Mich	8	854,960	68	48,811	636	241,125	620	16		57,185	814,175	1,308,958
Jacksonville, Fla	3	24,100	1	500	35	15,942	34	1		2,330	14,064	48,650
Jersey City, N. J	19	246,600	3	2,446	170	101,095	167		3	11,887	123,432	324,491
Johnstown, Pa	3	5,800			9	4,634	9			902	8,544	20,760
Joliet, Ill	3	10,210			7	4,200	7			842	5,551	13,765
Joplin, Mo	3	17,750	1	500	31	15,470	31			619	13,242	38,920
Kansas City, Kans	5	16,950			17	9,600	16	1		937	17,196	35,620
Kansas City, Mo	25	89,430	2	2,600	147	75,920	145		2	12,024	101,789	255,307
Kalamazoo, Mich	6	999,263	52	51,392	524	218,888	503	21		49,130	732,578	1,159,991
Kingston, N. Y	6	33,350			18	8,588	18			1,560	9,652	32,593
Knoxville, Tenn	6	42,280	8	6,348	78	29,461	78			3,569	45,606	97,770
La Crosse, Wis	4	140,125	10	6,750	82	35,292	81	1		6,958	70,883	150,876
Lancaster, Pa	12	372,746	22	11,201	275	131,336	274	1		14,221	157,055	408,173
Lawrence, Mass	10	141,777	3	1,328	76	39,020	76			4,431	54,164	123,501
Leavenworth, Kans	6	89,651	18	9,980	58	23,146	58			7,326	39,589	91,534
Lewiston, Me	5	62,085	2	1,600	33	16,665	33			2,325	33,421	64,350
Lexington, Ky	7	56,311	2	530	44	19,635	44			3,757	18,178	58,184
Lincoln, Nebr	4	4,525			8	4,000	8			565	4,200	11,650
Little Rock, Ark	6	83,350	3	2,100	50	22,241	50			3,536	36,419	78,995
Los Angeles, Cal	13	49,755			82	36,204	78		4	7,343	57,651	133,772
Louisville, Ky	26	1,887,148	56	76,507	766	304,253	745	1	20	77,738	805,897	1,442,104
Lowell, Mass	9	88,249	4	1,650	74	44,729	74			10,673	39,088	119,115
Lynn, Mass	8	100,798	2	5,600	72	48,274	72			6,715	54,156	91,299
Macon, Ga	7	29,600	3	1,840	52	17,106	52			2,314	35,918	81,558
Manchester, N. H	9	247,549	12	7,358	110	56,297	108	2		6,777	52,077	165,965
Memphis, Tenn	8	327,170	10	15,420	201	87,460	201			13,483	144,980	333,288
Milwaukee, Wis	30	601,475	12	11,660	258	115,573	257		1	28,021	155,402	385,330
Minneapolis, Minn	23	172,790	10	10,865	192	73,005	189	3		17,306	161,121	332,401
Mobile, Ala	5	5,550	1	500	21	8,906	21			1,466	12,236	35,270
Montgomery, Ala	3	36,456	7	5,480	47	15,400	47			3,388	23,551	59,810
Muncie, Ind	5	204,520	15	5,946	153	65,653	151	2		21,855	246,153	388,725

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

CARRIAGES AND WAGONS—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Nashville, Tenn	10	$73,485	5	$5,184	112	$47,539	110		2	$8,370	$65,560	$167,164
New Albany, Ind	3	8,625			9	5,462	9			562	4,379	22,040
Newark, N. J	49	890,625	30	28,612	434	259,056	434			48,047	297,760	805,045
New Bedford, Mass	9	181,733	5	4,072	76	47,402	75	1		9,435	49,240	124,320
New Britain, Conn	5	26,553	1	500	16	8,292	16			1,170	9,348	27,655
New Brunswick, N. J	4	12,900			7	3,420	7			628	9,340	17,930
New Haven, Conn	24	1,672,171	35	45,446	724	509,522	717	7		62,299	527,526	1,384,843
New Orleans, La	24	149,489	8	5,618	221	93,514	218		3	9,705	93,826	269,491
Newport, Ky	3	15,105			9	5,120	9			304	9,588	24,135
Newton, Mass	5	216,950	6	10,000	248	150,900	248			38,540	261,810	686,620
New York, N. Y	236	3,627,751	117	128,061	2,425	1,559,750	2,421	1	3	335,534	1,409,529	4,317,872
Norfolk, Va	7	172,150	7	7,000	132	56,050	132			17,280	182,611	309,950
North Adams, Mass	5	59,800			25	15,000	25			2,188	10,811	33,840
Oakland, Cal	16	75,915			59	32,555	58		1	3,600	38,638	111,560
Orange, N. J	7	29,625	1	364	32	15,806	32			2,718	14,269	42,198
Omaha, Nebr	10	49,750	5	4,570	71	42,636	70		1	9,072	37,930	130,930
Oshkosh, Wis	10	547,200	13	13,624	258	113,923	249	9		59,722	292,833	547,936
Oswego, N. Y	4	26,550			14	7,854	14			762	8,007	23,402
Paterson, N. J	9	134,050	6	2,635	92	44,454	90		2	6,925	42,944	133,395
Pawtucket, R. I	4	36,550			24	12,395	24			971	13,342	30,025
Peoria, Ill	9	156,723	8	7,420	129	58,299	129			11,177	143,062	246,978
Petersburg, Va	7	22,790	1	480	23	9,020	23			946	8,062	26,840
Philadelphia, Pa	133	2,126,386	63	70,359	1,400	746,395	1,396	2	2	150,483	607,331	1,960,779
Pittsburg, Pa	23	382,700	17	14,268	292	171,286	291		1	30,076	147,587	447,601
Portland, Me	9	82,433	5	3,120	57	32,275	55	1	1	5,205	61,291	153,205
Portland, Oreg	12	16,775	2	200	30	20,519	30			2,969	21,245	59,855
Poughkeepsie, N. Y	4	58,500	3	2,200	29	19,060	29			1,979	11,807	49,950
Providence, R. I	23	150,278	10	7,885	149	95,773	149			19,511	70,429	257,027
Pueblo, Colo	5	63,290	6	6,360	30	18,334	30			3,238	20,303	57,784
Quincy, Ill	12	235,411	13	10,769	184	79,436	181	3		18,226	116,543	250,456
Racine, Wis	8	3,774,186	95	128,007	1,278	655,403	1,240	19	19	156,077	1,462,058	2,749,658
Reading, Pa	12	443,721	21	9,737	203	83,115	203			13,262	104,685	307,859
Richmond, Va	16	121,796	2	2,200	120	51,360	118		2	14,054	50,117	163,444
Roanoke, Va	4	11,725			16	6,670	16			798	7,343	20,818
Rochester, N. Y	16	1,318,070	55	75,559	463	284,943	463			81,643	275,640	790,417
Rockford, Ill	5	33,300			18	8,610	18			1,826	10,023	26,085
Sacramento, Cal	5	102,357	3	3,912	58	35,280	53		5	4,553	54,310	113,745
Saginaw, Mich	11	114,169	15	8,700	58	26,924	58			15,295	48,920	140,861
St. Joseph, Mo	9	87,570	3	1,960	74	39,500	74			8,047	57,769	142,993
St. Louis, Mo	110	2,466,202	161	183,973	1,756	924,916	1,703	41	12	189,245	2,111,372	4,033,799
St. Paul, Minn	14	270,709	11	10,640	173	80,729	173			17,834	110,269	320,548
Salem, Mass	5	6,300			4	2,377	4			807	4,093	9,850
Salt Lake City, Utah	4	32,474	1	250	33	14,813	31	1	1	2,201	19,472	50,053
San Francisco, Cal	51	578,179	21	27,938	421	208,965	406		15	48,169	256,291	704,690
San Jose, Cal	6	20,250	2	1,500	30	15,155	30			4,575	20,476	51,920
Savannah, Ga	3	37,600	1	1,500	32	15,276	32			1,206	14,762	45,480
Scranton, Pa	9	344,396	8	4,296	129	65,333	124		5	7,960	81,895	220,703
Seattle, Wash	10	42,050	7	7,600	72	47,450	72			5,077	57,534	151,712
Sheboygan, Wis	4	56,970	1	300	24	10,297	24			1,521	21,949	40,022
Sioux City, Iowa	10	71,064			33	19,310	33			3,415	22,098	58,268
Somerville, Mass	8	91,650	2	624	49	29,224	49			5,849	30,771	89,195
South Bend, Ind	10	11,914,140	166	200,598	2,251	972,548	2,229	22		224,088	1,626,758	3,494,052
Springfield, Ill	5	50,385			30	12,590	30			2,786	13,998	37,566
Springfield, Mass	6	95,228	2	2,136	62	31,982	62			7,491	27,778	94,550
Springfield, Mo	4	318,249	8	13,280	107	45,003	104		3	7,207	124,388	233,834
Springfield, Ohio	5	6,015			22	9,564	22			2,209	9,741	29,487
Syracuse, N. Y	20	494,982	16	33,310	314	158,792	302	12		29,931	258,521	520,435
Tacoma, Wash	6	35,175	1	1,200	35	26,068	33		2	2,802	31,930	76,956
Taunton, Mass	4	95,946			46	26,922	46			4,860	34,700	88,165
Terre Haute, Ind	6	88,475	5	3,948	80	37,072	78	2		5,433	63,161	135,790
Toledo, Ohio	10	1,817,369	39	42,720	524	183,616	521	3		86,117	559,672	918,203
Topeka, Kans	8	26,725			28	10,920	26		2	2,624	16,649	43,524
Trenton, N. J	9	101,529	7	6,580	106	54,470	106			5,921	56,850	152,247
Troy, N. Y	8	74,775	1	1,500	51	29,246	51			3,123	27,662	82,695
Utica, N. Y	6	54,468	5	6,912	83	41,476	83			7,300	49,709	119,255
Waltham, Mass	8	41,795	1	780	24	16,228	24			7,508	14,348	33,875
Washington, D. C	21	141,306	2	1,212	154	71,382	153		1	8,502	57,023	191,545
Waterbury, Conn	4	61,945	3	1,567	36	17,058	35		1	2,992	12,616	46,746
Watertown, N. Y	4	1,236,480	59	67,641	463	231,150	446	16	1	101,074	552,053	985,440
West Hoboken, N. J	3	11,620			8	3,570	8			352	4,709	11,743
Wheeling, W. Va	8	44,000	4	3,156	49	23,561	48	1		2,958	32,426	78,476
Wichita, Kans	3	11,159			19	8,420	19			1,130	6,607	18,655
Wilkesbarre, Pa	7	66,100			31	15,150	31			2,432	13,470	45,225
Williamsport, Pa	4	47,292			37	19,038	37			2,397	29,535	70,071
Wilmington, Del	14	356,038	10	8,606	176	89,534	173	2	1	16,767	91,477	255,047

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

CARRIAGES AND WAGONS—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Woonsocket, R. I	5	$40,543			38	$18,475	38			$2,371	$23,665	$54,851
Worcester, Mass	9	103,593	8	$3,820	57	34,199	57			6,182	35,904	115,497
York, Pa	11	473,925	23	15,724	306	95,090	299	3	4	19,125	261,437	467,494
Youngstown, Ohio	7	163,835	13	14,960	82	38,144	82			10,639	83,885	202,955
Zanesville, Ohio	5	21,000	1	120	23	9,909	23			1,099	8,050	28,520
All other cities[1]	46	456,493	17	16,728	377	184,429	370	2	5	46,806	185,024	549,587

[1] Includes Aurora, Ill., 2; Bayonne, N. J., 1; Charleston, S. C., 2; Cohoes, N. Y., 1; Decatur, Ill., 2; Easton, Pa., 2; Elgin, Ill., 2; Everett, Mass., 1; Fitchburg, Mass., 1; Hoboken, N. J., 2; Jamestown, N. Y., 2; Lima, Ohio, 2; McKeesport, Pa., 2; Malden, Mass., 1; Meriden, Conn., 2; Nashua, N. H., 1; Newburg, N. Y., 2; Newcastle, Pa., 1; Norristown, Pa., 1; Passaic, N. J., 1; Pittsfield, Mass., 2; Quincy, Mass., 2; San Antonio, Tex., 2; Schenectady, N. Y., 2; South Omaha, Nebr., 1; Spokane, Wash., 2; Waco, Tex., 1; Wilmington, N. C., 2; Yonkers, N. Y., 1.

CARS AND GENERAL SHOP CONSTRUCTION AND REPAIRS BY STEAM RAILROAD COMPANIES.

Total	386	$65,996,245	3,447	$3,043,220	91,438	$51,114,233	91,054	326	58	$4,743,884	$59,172,458	$118,123,029
Albany, N. Y	3	1,708,685	25	22,973	1,953	1,067,156	1,945	8		25,531	1,445,069	2,560,666
Allegheny, Pa	4	1,213,619	68	57,716	1,202	701,331	1,190	7	5	45,120	372,164	1,176,331
Altoona, Pa	3	5,153,590	244	169,569	6,500	4,016,877	6,470	8	22	83,134	6,216,222	10,485,802
Baltimore, Md	6	2,236,388	93	72,974	2,438	1,267,920	2,437	1		88,551	2,150,514	3,529,959
Birmingham, Ala	3	403,653	22	18,862	1,195	609,411	1,187	8		5,952	483,481	1,117,706
Boston, Mass	7	1,552,501	52	49,490	1,278	822,325	1,275	3		19,304	772,832	1,663,951
Buffalo, N. Y	11	1,968,332	87	68,857	3,686	1,729,837	3,675	11		45,080	2,667,553	4,513,333
Burlington, Iowa	3	53,544	7	6,240	60	32,385	60			730	34,947	74,302
Camden, N. J	3	258,648	31	22,628	397	229,736	395	2		103,591	230,800	586,755
Chattanooga, Tenn	3	154,200	11	8,950	334	196,890	334			10,185	209,728	425,753
Chicago, Ill	24	6,779,327	307	301,194	6,787	3,707,552	6,752	33	2	146,527	4,030,158	8,185,431
Cincinnati, Ohio	4	155,884	18	16,187	460	253,457	456	4		36,886	147,715	454,245
Cleveland, Ohio	7	564,011	74	54,571	1,155	609,100	1,152	3		32,512	513,764	1,209,947
Columbus, Ohio	6	1,349,749	90	76,829	2,104	1,141,352	2,099	5		137,968	872,563	2,227,710
Council Bluffs, Iowa	3	47,049	8	7,050	250	149,699	250			4,546	78,743	240,038
Denver, Colo	5	905,147	69	66,015	1,006	622,551	1,006			28,195	578,623	1,295,384
Des Moines, Iowa	3	70,700	5	4,645	99	51,021	94		5	896	49,647	106,209
East St. Louis, Ill	5	177,624	18	9,323	330	199,759	330			6,209	182,740	898,031
Elmira, N. Y	3	255,184	33	24,334	497	257,640	495	2		3,158	402,823	688,226
Evansville, Ind	3	105,342	11	8,304	216	132,334	216			4,746	57,682	203,072
Fort Wayne, Ind	5	917,383	74	65,539	1,429	796,509	1,429			36,839	1,274,731	2,173,618
Fort Worth, Tex	4	121,186	18	16,583	239	142,220	239			6,542	157,847	323,193
Houston, Tex	3	828,073	52	67,011	1,286	763,181	1,286			20,875	829,520	1,680,587
Indianapolis, Ind	5	774,079	49	43,290	1,124	604,409	1,121	3		28,606	831,900	1,508,205
Jersey City, N. J	3	1,408,447	86	64,799	2,272	1,212,107	2,267	5		46,574	1,289,401	2,612,881
Kansas City, Mo	5	897,288	24	24,184	505	288,901	505			19,989	244,946	578,020
Kingston, N. Y	3	92,427	7	4,974	56	33,662	56			4,558	15,018	58,212
Los Angeles, Cal	3	349,111	21	27,830	537	391,759	530	7		15,739	280,029	715,357
Louisville, Ky	5	654,533	20	16,210	1,563	816,825	1,558	5		30,042	1,389,127	2,252,204
Macon, Ga	4	189,681	17	18,540	572	265,164	572			9,185	202,475	495,364
Memphis, Tenn	3	206,727	16	17,763	715	381,370	712	3		4,837	353,097	757,046
Milwaukee, Wis	3	139,753	16	13,594	323	164,871	323			1,815	119,813	300,093
Minneapolis, Minn	4	1,333,949	71	65,412	1,268	656,932	1,268			52,166	776,003	1,550,513
Montgomery, Ala	3	196,989	9	8,229	327	146,783	325	2		5,879	189,241	350,132
New Haven, Conn	4	1,108,430	71	51,375	1,102	678,328	1,096	6		36,450	833,957	1,600,110
New Orleans, La	6	472,485	21	24,389	915	550,057	915			7,499	347,663	929,608
New York, N. Y	10	744,558	44	29,742	948	558,428	923	25		13,550	532,926	1,134,646
Peoria, Ill	4	178,001	10	12,195	207	118,323	207			8,223	73,292	212,033
Philadelphia, Pa	10	1,433,997	81	71,945	2,780	1,609,055	2,717	63		24,631	1,945,770	3,651,401
Pittsburg, Pa	4	170,635	43	36,823	921	417,505	866	55		2,890	253,001	710,219
Portland, Me	4	194,650	10	9,112	153	84,028	153			10,355	133,420	238,925
Pueblo, Colo	4	143,822	14	14,785	338	208,448	338			1,405	162,884	387,522
Reading, Pa	4	2,069,203	46	45,845	1,962	1,045,675	1,962			2,968,665	2,254,943	6,315,128
Richmond, Va	3	210,433	17	13,930	707	351,084	702	5		8,698	269,853	647,155
Rochester, N. Y	4	362,895	23	22,343	508	251,608	508			5,685	252,042	531,678
St. Joseph, Mo	4	260,837	15	15,060	552	304,869	549		3	9,291	310,301	639,521
St. Louis, Mo	6	945,145	66	61,329	1,163	671,752	1,160	3		16,822	605,196	1,355,099
St. Paul, Minn	7	1,595,840	68	63,927	1,401	817,302	1,398		3	13,396	1,192,187	2,086,812
Salt Lake City, Utah	3	208,910	25	26,071	521	354,656	520	1		5,310	347,810	733,847
San Antonio, Tex	3	314,852	23	21,086	1,176	779,438	1,176			8,044	687,986	1,496,554
Savannah, Ga	3	326,489	19	21,858	721	395,450	721			9,499	300,713	727,520
Spokane, Wash	3	190,006	22	18,740	287	192,658	287			3,222	229,218	443,838
Springfield, Ill	5	345,063	18	19,355	406	216,682	406			26,070	185,243	447,350
Syracuse, N. Y	3	80,457	9	9,239	117	59,004	117			794	37,189	106,226

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

CARS AND GENERAL SHOP CONSTRUCTION AND REPAIRS BY STEAM RAILROAD COMPANIES—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Toledo, Ohio	8	$333,111	40	$31,463	606	$343,048	606	-------	-------	$6,578	$478,725	$865,605
Wilmington, Del	3	748,169	15	19,204	865	521,227	863	2	-------	2,291	457,431	1,000,153
Zanesville, Ohio	6	97,082	11	8,782	303	157,612	303	-------	-------	2,776	313,613	482,788
All other cities[1]	113	20,238,372	983	873,953	28,616	15,965,020	28,552	46	18	489,273	17,516,179	34,881,020

[1] Includes Allentown, Pa., 1; Atlanta, Ga., 2; Augusta, Ga., 2; Aurora, Ill., 1; Austin, Tex., 1; Bangor, Me., 1; Bay City, Mich., 1; Bayonne, N. J., 1; Binghamton, N. Y., 2; Bloomington, Ill., 1; Bridgeport, Conn., 1; Butte, Mont., 1; Canton, Ohio, 1; Cedar Rapids, Iowa, 2; Charleston, S. C., 1; Clinton, Iowa, 1; Columbia, S. C., 1; Covington, Ky., 2; Davenport, Iowa, 1; Dayton, Ohio, 2; Decatur, Ill., 1; Detroit, Mich., 1; Dubuque, Iowa, 2; Duluth, Minn., 2; Easton, Pa., 1; Elizabeth, N. J., 1; Erie, Pa., 2; Fitchburg, Mass., 1; Galveston, Tex., 2; Grand Rapids, Mich., 1; Harrisburg, Pa., 2; Hartford, Conn., 2; Jackson, Mich., 2; Jacksonville, Fla., 1; Jamestown, N. Y., 1; Joliet, Ill., 1; Joplin, Mo., 1; Kansas City, Kans., 1; Knoxville, Tenn., 1; Lawrence, Mass., 1; Leavenworth, Kans., 2; Lexington, Ky., 2; Lima, Ohio, 2; Lincoln, Nebr., 1; Little Rock, Ark., 2; Manchester, N. H., 1; Mobile, Ala., 1; Muncie, Ind., 1; Muskegon, Mich., 1; Nashua, N. H., 1; Nashville, Tenn., 2; New Albany, Ind., 2; Oshkosh, Wis., 1; Omaha, Nebr., 1; Oswego, N. Y., 1; Petersburg, Va., 1; Pittsfield, Mass., 1; Portland, Oreg., 2; Poughkeepsie, N. Y., 1; Quincy, Ill., 1; Roanoke, Va., 1; Sacramento, Cal., 1; Saginaw, Mich., 1; Salem, Mass., 1; San Francisco, Cal., 1; Scranton, Pa., 2; Seattle, Wash., 1; Sioux City, Iowa, 2; Somerville, Mass., 1; Springfield, Mass., 1; Springfield, Mo., 2; Springfield, Ohio, 1; Superior, Wis., 1; Tacoma, Wash., 1; Taunton, Mass., 1; Terre Haute, Ind., 1; Topeka, Kans., 1; Utica, N. Y., 2; Washington, D. C., 2; Wichita, Kans., 2; Wilkesbarre, Pa., 1; Williamsport, Pa., 1; Wilmington, N. C., 1; York, Pa., 2; Youngstown, Ohio, 2.

CARS AND GENERAL SHOP CONSTRUCTION AND REPAIRS BY STREET RAILROAD COMPANIES.

Total	88	$10,542,741	185	$178,201	6,658	$4,198,288	6,654	4	-------	$264,993	$4,192,516	$8,955,759
Chicago, Ill	9	704,668	24	24,851	866	497,114	862	4	-------	27,024	517,438	1,076,440
Newark, N. J	5	367,175	5	5,776	219	140,084	219	-------	-------	3,066	185,828	369,784
New York, N. Y	5	5,944,848	37	46,248	2,131	1,509,274	2,131	-------	-------	112,209	1,362,681	3,030,805
All other cities[1]	68	3,526,050	116	101,326	3,442	2,051,816	3,442	-------	-------	122,694	2,126,569	4,478,730

[1] Includes Albany, N. Y., 1; Allegheny, Pa., 1; Austin, Tex., 2; Buffalo, N. Y., 1; Chester, Pa., 1; Cohoes, N. Y., 1; Columbus, Ohio, 1; Davenport, Iowa, 1; Des Moines, Iowa, 1; Detroit, Mich., 1; Duluth, Minn., 1; East St. Louis, Ill., 1; Elmira, N. Y., 1; Harrisburg, Pa., 1; Hartford, Conn., 1; Holyoke, Mass., 1; Indianapolis, Ind., 1; Kansas City, Mo., 1; Louisville, Ky., 1; Macon, Ga., 1; Manchester, N. H., 1; Milwaukee, Wis., 1; Minneapolis, Minn., 1; Montgomery, Ala., 1; Muskegon, Mich., 1; New Bedford, Mass., 1; New Haven, Conn., 1; New Orleans, La., 2; Oakland, Cal., 1; Omaha, Nebr., 1; Orange, N. J., 1; Petersburg, Va., 1; Philadelphia, Pa., 2; Pittsburg, Pa., 1; Portland, Me., 1; Portland, Oreg., 2; Poughkeepsie, N. Y., 1; Reading, Pa., 2; Richmond, Va., 1; Rochester, N. Y., 1; Rockford, Ill., 1; Saginaw, Mich., 1; St. Louis, Mo., 2; Salt Lake City, Utah, 2; Schenectady, N. Y., 1; Scranton, Pa., 1; Seattle, Wash., 1; Springfield, Ill., 1; Springfield, Mass., 1; Tacoma, Wash., 1; Taunton, Mass., 1; Toledo, Ohio, 1; Topeka, Kans., 1; Troy, N. Y., 1; Waco, Tex., 1; Washington, D. C., 1; Watertown, N. Y., 1; Wheeling, W. Va., 1; Wilkesbarre, Pa., 1; Wilmington, Del., 1; Yonkers, N. Y., 1.

CARS, STEAM RAILROAD, NOT INCLUDING OPERATIONS OF RAILROAD COMPANIES.

Total	37	$56,307,350	825	$1,036,563	22,227	$11,850,277	21,931	107	189	$1,666,852	$40,091,880	$60,127,644
Chicago, Ill	13	14,481,875	211	239,836	7,589	4,473,952	7,453	50	86	367,638	13,096,980	19,108,085
St. Louis, Mo	3	2,880,982	76	74,455	1,705	841,419	1,699	6	-------	111,148	3,295,443	4,974,662
Wilmington, Del	2	2,429,007	73	83,528	2,032	1,041,088	1,978	29	25	121,819	1,876,435	3,274,922
All other cities[1]	18	36,515,486	465	638,744	10,901	5,493,818	10,801	22	78	1,066,247	21,823,022	32,769,975

[1] Includes Allegheny, Pa., 1; Boston, Mass., 1; Buffalo, N. Y., 2; Cleveland, Ohio, 1; Dayton, Ohio, 1; Detroit, Mich., 2; Erie, Pa., 1; Indianapolis, Ind., 1; Jersey City, N. J., 1; Joliet, Ill., 1; Philadelphia, Pa., 1; Pittsburg, Pa., 2; Terre Haute, Ind., 1; Toledo, Ohio, 1; Youngstown, Ohio, 1.

CARS, STREET RAILROAD, NOT INCLUDING OPERATIONS OF RAILROAD COMPANIES.

Total	14	$6,364,223	121	$212,463	3,124	$1,704,544	3,091	4	29	$239,888	$3,638,744	$6,563,244
St. Louis, Mo	4	2,740,655	48	87,597	1,175	626,481	1,170	2	3	129,709	1,329,966	2,406,836
All other cities[1]	10	3,623,568	73	124,866	1,949	1,078,063	1,921	2	26	110,179	2,308,778	4,156,408

[1] Includes Cleveland, Ohio, 2; Denver, Colo., 2; Kingston, N. Y., 1; Philadelphia, Pa., 1; San Francisco, Cal., 2; Springfield, Mass., 1; Worcester, Mass., 1.

CHEMICALS.

Total	213	$44,634,154	1,262	$1,762,121	7,667	$4,086,089	6,979	633	55	$2,225,356	$21,592,390	$36,307,641
Baltimore, Md	5	1,371,272	26	41,474	375	205,929	372	3	-------	81,546	661,297	1,078,800
Bayonne, N. J	3	2,100,571	29	31,314	289	172,766	289	-------	-------	82,615	609,008	1,356,196
Boston, Mass	5	131,989	16	9,840	22	15,186	22	-------	-------	11,050	154,405	209,623
Buffalo, N. Y	4	1,558,880	26	59,560	125	71,119	125	-------	-------	29,086	1,109,559	1,939,378
Camden, N. J	9	731,166	37	31,328	142	82,864	142	-------	-------	15,735	184,331	443,058
Chicago, Ill	13	1,490,749	51	63,124	397	223,015	336	43	18	62,794	746,291	1,381,570
Cincinnati, Ohio	8	534,180	20	31,982	94	51,789	94	-------	-------	59,876	692,351	957,446
Cleveland, Ohio	6	2,156,143	114	138,984	356	203,539	356	-------	-------	83,792	909,722	1,729,313
Elizabeth, N. J	3	671,455	3	4,165	55	28,620	55	-------	-------	3,086	84,026	123,587
Jersey City, N. J	9	967,193	26	40,644	267	141,720	266	1	-------	112,090	1,682,746	2,079,357
Milwaukee, Wis	4	288,455	33	43,050	64	26,258	49	15	-------	57,549	131,421	254,196
Newark, N. J	9	7,212,378	161	252,431	1,063	503,056	830	233	-------	194,905	1,461,273	3,113,095
New York, N. Y	37	4,437,028	159	214,554	877	479,479	816	61	-------	353,107	3,415,137	5,266,656
Philadelphia, Pa	24	13,400,479	248	391,014	1,917	1,026,013	1,701	208	8	454,636	4,333,716	7,810,456

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

CHEMICALS—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Pittsburg, Pa	4	$650,324	23	$19,007	88	$50,920	87	-------	1	$49,093	$143,799	$317,711
St. Louis, Mo	8	1,969,875	78	111,606	340	162,351	277	37	26	135,806	1,335,798	1,804,090
San Francisco, Cal	10	889,527	37	40,640	144	95,977	144	-------	-------	31,929	653,447	954,528
All other cities[1]	52	4,072,490	175	237,404	1,052	545,488	1,018	32	2	406,661	3,284,063	5,488,581

[1] Includes Albany, N. Y., 2; Allegheny, Pa., 1; Anderson, Ind., 1; Aurora, Ill., 1; Bangor, Me., 1; Bay City, Mich., 2; Binghamton, N. Y., 2; Bridgeport, Conn., 1; Chelsea, Mass., 1; Chester, Pa., 1; Denver, Colo., 2; Detroit, Mich., 2; East St. Louis, Ill., 2; Erie, Pa., 1; Everett, Mass., 2; Hoboken, N. J., 1; Joliet, Ill., 1; Louisville, Ky., 1; Malden, Mass., 1; Nashville, Tenn., 1; New Bedford, Mass., 1; Passaic, N. J., 2; Paterson, N. J., 1; Pawtucket, R. I., 1; Peoria, Ill., 1; Providence, R. I., 2; Rockford, Ill., 1; Saginaw, Mich., 1; San Jose, Cal., 1; South Omaha, Nebr., 1; Springfield, Ohio, 1; Syracuse, N. Y., 2; Trenton, N. J., 1; Waltham, Mass., 1; Washington, D. C., 1; Waterbury, Conn., 1; West Hoboken, N. J., 1; Wheeling, W. Va., 1; Williamsport, Pa., 2; Wilmington, Del., 1; Wilmington, N. C., 1.

CLOTHING, MEN'S, FACTORY PRODUCT.

Total	5,354	$114,401,676	9,299	$9,819,341	109,878	$42,810,493	45,834	61,400	2,644	$37,010,174	$138,400,353	$264,275,366
Albany, N. Y	27	104,885	23	14,700	137	45,837	42	93	2	13,441	91,135	209,075
Allentown, Pa	6	203,625	20	9,714	207	78,085	90	114	3	14,697	270,197	456,290
Atlanta, Ga	7	226,105	11	12,790	801	156,398	72	685	44	11,575	388,908	671,406
Baltimore, Md	137	8,434,586	759	715,907	9,690	3,174,172	3,929	5,168	593	1,500,903	10,223,686	17,290,825
Bangor, Me	4	39,350	5	2,900	76	28,000	18	58	-------	2,863	78,788	126,200
Bayonne, N. J	3	7,225	-------	-------	90	36,164	49	41	-------	758	4,670	45,500
Binghamton, N. Y	6	735,682	67	49,742	662	183,187	65	597	-------	60,790	697,145	1,079,783
Boston, Mass	150	8,203,118	276	304,021	2,622	1,174,826	1,203	1,412	7	1,397,989	4,253,905	8,601,431
Buffalo, N. Y	119	1,703,661	90	87,578	1,485	450,111	425	1,047	13	283,164	1,464,610	2,793,474
Charleston, S. C	5	128,000	12	5,117	176	37,401	15	158	3	14,656	186,889	306,250
Chelsea, Mass	5	8,525	-------	-------	36	9,648	2	34	-------	1,521	6,688	23,123
Chicago, Ill	874	12,991,669	1,601	1,737,606	13,855	5,551,561	4,957	8,128	770	6,983,788	17,547,665	36,094,310
Cincinnati, Ohio	351	8,262,871	591	616,432	3,784	1,326,045	1,303	2,347	134	1,588,198	6,640,080	11,950,618
Cleveland, Ohio	118	1,815,369	111	119,265	1,467	480,763	494	967	6	409,058	1,871,254	3,410,299
Covington, Ky	82	31,582	-------	-------	572	127,396	79	471	22	7,565	1,420	188,517
Dayton, Ohio	4	250,267	23	26,200	284	78,660	18	266	-------	9,417	173,613	328,217
Detroit, Mich	26	816,980	74	68,550	1,307	294,939	165	1,123	19	166,353	1,049,763	1,829,202
Dubuque, Iowa	4	267,964	91	59,230	683	139,346	43	630	10	74,984	390,188	700,199
Evansville, Ind	4	220,657	34	38,441	365	116,500	66	299	-------	11,129	231,740	446,624
Galveston, Tex	3	33,800	1	1,000	55	14,013	5	49	1	1,270	22,428	49,170
Gloucester, Mass	13	25,570	2	656	47	14,247	18	29	-------	6,092	34,825	74,212
Grand Rapids, Mich	3	109,500	4	6,580	141	47,300	48	93	-------	6,643	114,467	210,000
Hartford, Conn	3	22,000	1	500	44	13,630	8	36	-------	2,527	31,997	58,200
Indianapolis, Ind	8	288,279	33	41,136	684	129,946	41	643	-------	31,969	352,579	691,001
Kansas City, Mo	7	310,530	11	13,350	1,366	284,656	98	1,266	2	21,939	737,055	1,123,739
Knoxville, Tenn	6	149,250	22	19,500	326	55,962	42	282	2	5,489	168,612	300,570
Los Angeles, Cal	9	20,261	6	4,440	155	39,500	11	142	2	6,147	215,480	322,121
Louisville, Ky	11	1,122,833	125	121,226	1,115	353,456	206	853	56	229,716	1,516,322	2,530,910
Lynn, Mass	3	12,055	3	1,220	14	4,840	2	12	-------	2,422	19,219	34,185
Memphis, Tenn	6	131,100	1	1,500	386	109,845	116	270	-------	7,917	231,054	440,141
Milwaukee, Wis	76	2,341,902	172	194,647	1,659	453,078	438	1,177	44	481,537	1,880,621	3,593,736
Minneapolis, Minn	13	236,976	23	19,050	465	143,416	47	418	-------	13,815	160,229	448,681
Mobile, Ala	3	21,600	7	4,400	24	6,750	-------	24	-------	2,428	33,600	62,800
Nashville, Tenn	5	266,286	32	27,235	437	92,018	56	381	-------	13,652	355,149	553,364
Newark, N. J	46	299,625	21	32,036	1,118	414,314	550	545	23	135,546	286,340	1,040,004
Newburg, N. Y	3	1,089,575	86	97,392	823	307,281	147	672	4	28,891	874,726	1,594,475
New Haven, Conn	3	9,589	-------	-------	15	4,674	6	9	-------	790	20,825	28,980
New Orleans, La	24	1,154,956	112	99,450	2,045	386,809	250	1,724	71	81,774	1,164,267	2,036,069
Newport, Ky	56	52,970	-------	-------	554	124,971	82	456	16	6,444	14,225	201,540
New York, N. Y	1,889	36,842,799	2,727	2,942,182	30,406	15,687,104	20,513	9,759	134	17,259,186	52,489,787	103,220,201
Oakland, Cal	3	100,170	19	15,495	133	43,750	63	66	4	29,173	101,045	204,525
Peoria, Ill	4	182,500	29	34,250	272	88,679	31	239	2	9,545	188,931	373,280
Philadelphia, Pa	397	8,141,180	587	647,942	6,463	3,301,070	4,177	2,121	165	1,998,753	9,629,915	18,802,637
Pittsburg, Pa	12	926,304	55	44,228	735	247,158	169	556	10	45,136	801,772	1,270,717
Portland, Me	4	147,000	15	12,800	159	44,790	39	120	-------	33,035	256,380	473,000
Portland, Oreg	3	186,656	7	3,418	171	42,879	20	151	-------	4,471	107,089	165,204
Reading, Pa	4	185,292	11	18,941	172	52,583	46	114	12	6,629	241,139	359,771
Rochester, N. Y	307	6,045,528	244	335,539	4,672	1,858,166	1,933	2,605	134	1,764,190	5,522,465	11,138,220
Rockford, Ill	4	161,324	21	18,610	163	50,148	30	133	-------	50,146	126,234	270,247
St. Joseph, Mo	9	858,973	61	98,790	1,683	506,418	144	1,523	16	68,597	1,058,099	1,782,395
St. Louis, Mo	126	3,240,918	287	373,871	2,790	845,675	698	2,036	56	556,586	3,002,468	5,577,442
St. Paul, Minn	9	896,470	92	109,460	1,209	355,750	78	1,051	80	112,349	1,171,891	1,647,000
San Francisco, Cal	83	936,103	47	46,137	2,109	672,314	740	1,360	9	205,755	1,988,231	3,333,885
Springfield, Ill	3	16,138	4	2,860	39	9,801	7	32	-------	2,738	32,630	55,445
Syracuse, N. Y	98	2,019,343	93	81,101	1,078	396,704	455	605	18	463,723	1,444,437	2,811,262

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

CLOTHING, MEN'S, FACTORY PRODUCT—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Terre Haute, Ind	4	$356,766	34	$34,800	790	$187,400	30	760	-------	$12,739	$535,802	$826,000
Toledo, Ohio	3	9,900	1	1,050	80	18,380	6	74	-------	1,153	40,295	67,400
Utica, N. Y	58	2,358,639	151	129,297	1,247	445,389	545	683	19	434,463	1,328,849	2,585,927
Williamsport, Pa	5	226,800	54	28,770	733	231,860	123	560	50	3,748	624,261	977,000
Worcester, Mass	4	96,771	-------	-------	126	53,111	38	88	-------	4,316	164,426	230,100
All other cities[1]	92	3,312,324	310	286,289	4,876	1,181,619	743	4,045	88	303,836	3,737,843	6,158,437

[1] Includes Altoona, Pa., 1; Auburn, N. Y., 2; Augusta, Ga., 1; Aurora, Ill., 1; Austin, Tex., 1; Birmingham, Ala., 2; Brockton, Mass., 1; Burlington, Iowa, 1; Cambridge, Mass., 2; Canton, Ohio, 2; Cedar Rapids, Iowa, 1; Chattanooga, Tenn., 2; Columbus, Ohio, 1; Council Bluffs, Iowa, 1; Dallas, Tex., 2; Davenport, Iowa, 2; Decatur, Ill., 1; Denver, Colo., 1; Des Moines, Iowa, 2; Duluth, Minn., 1; Easton, Pa., 2; Elizabeth, N. J., 2; Elmira, N. Y., 1; Erie, Pa., 2; Fort Wayne, Ind., 2; Hamilton, Ohio, 1; Harrisburg, Pa., 1; Hoboken, N. J., 1; Houston, Tex., 1; Jersey City, N. J., 1; Johnstown, Pa., 1; Kalamazoo, Mich., 2; Kansas City, Kans., 1; La Crosse, Wis., 1; Lewiston, Me., 1; Lima, Ohio, 1; Macon, Ga., 1; Montgomery, Ala., 2; Nashua, N. H., 1; New Albany, Ind., 2; Norfolk, Va., 2; Omaha, Nebr., 2; Oshkosh, Wis., 1; Paterson, N. J., 2; Petersburg, Va., 1; Pittsfield, Mass., 1; Poughkeepsie, N. Y., 1; Providence, R. I., 1; Quincy, Ill., 2; Racine, Wis., 2; Roanoke, Va., 2; Sacramento, Cal., 1; Saginaw, Mich., 1; Salem, Mass., 2; Salt Lake City, Utah, 1; San Antonio, Tex., 2; Scranton, Pa., 1; Sioux City, Iowa, 1; Somerville, Mass., 1; Springfield, Mass., 1; Tacoma, Wash., 1; Topeka, Kans., 1; Trenton, N. J., 1; Troy, N. Y., 1; Waco, Tex., 2; Wilmington, N. C., 1; York, Pa., 1; Youngstown, Ohio, 1.

CLOTHING, MEN'S, FACTORY PRODUCT, BUTTONHOLES.

Total	149	$246,539	11	$5,608	944	$332,187	426	479	39	$36,234	$98,178	$680,502
Baltimore, Md	8	7,295	-------	-------	39	11,384	16	21	2	1,687	4,874	26,382
Boston, Mass	8	1,554	-------	-------	8	4,333	3	5	-------	495	643	8,044
Buffalo, N. Y	4	7,475	-------	-------	27	8,730	15	12	-------	425	3,665	17,055
Chicago, Ill	17	14,515	-------	-------	44	15,092	29	9	6	2,105	4,097	32,489
Cincinnati, Ohio	5	17,575	1	416	144	40,118	19	125	-------	4,356	12,796	74,518
Cleveland, Ohio	3	3,050	-------	-------	30	11,450	14	15	1	1,680	1,425	19,750
Newark, N. J	5	5,563	-------	-------	9	2,639	3	6	-------	495	1,300	9,116
New York, N. Y	68	136,162	-------	-------	428	163,160	220	197	11	17,183	41,788	299,531
Philadelphia, Pa	13	16,495	1	760	140	47,763	76	49	15	3,959	16,383	102,181
Rochester, N. Y	5	25,300	8	3,912	38	15,686	16	19	3	1,952	4,515	28,524
St. Louis, Mo	5	3,810	-------	-------	12	4,458	7	5	-------	686	2,419	14,112
All other cities[1]	8	7,745	1	520	25	7,374	8	16	1	1,211	4,273	48,800

[1] Includes Albany, N. Y., 1; Binghamton, N. Y., 1; Detroit, Mich., 1; Milwaukee, Wis., 2; San Francisco, Cal., 1; Syracuse, N. Y., 2.

CLOTHING, WOMEN'S, FACTORY PRODUCT.

Total	2,574	$46,203,350	6,479	$6,340,273	77,587	$31,022,643	25,276	51,590	721	$11,520,695	$31,003,783	$152,780,290
Albany, N. Y	7	180,748	21	15,572	284	94,867	37	247	-------	11,273	191,065	369,177
Auburn, N. Y	5	187,409	14	9,512	184	41,788	7	177	-------	2,232	137,352	249,548
Aurora, Ill	5	58,600	18	14,950	147	29,400	5	142	-------	12,577	174,227	282,000
Baltimore, Md	58	828,620	150	127,641	1,879	505,475	385	1,453	41	162,051	1,261,120	2,506,654
Bangor, Me	2	8,500	-------	-------	18	5,200	-------	18	-------	820	15,707	26,080
Boston, Mass	88	730,844	86	84,662	1,760	625,137	298	1,434	28	213,659	1,764,399	3,258,483
Bridgeport, Conn	3	132,575	11	10,216	380	140,080	28	352	-------	6,876	104,994	417,035
Buffalo, N. Y	10	75,681	9	4,602	258	57,289	20	237	1	37,847	143,212	273,249
Chicago, Ill	151	2,792,658	523	575,406	3,988	1,399,512	882	3,060	46	1,113,102	4,685,297	9,208,454
Cincinnati, Ohio	38	850,135	106	108,283	1,363	398,618	308	1,048	7	123,541	1,173,226	2,074,805
Cleveland, Ohio	77	1,598,155	218	221,409	2,362	842,425	869	1,491	2	304,419	2,444,826	4,213,248
Detroit, Mich	10	178,205	31	27,006	637	127,779	30	605	2	51,692	400,757	692,203
Elmira, N. Y	3	37,400	11	5,412	68	12,931	1	67	-------	2,816	61,979	91,852
Fort Wayne, Ind	4	343,829	38	36,945	694	132,831	25	669	-------	17,647	350,763	746,138
Hartford, Conn	4	28,700	-------	-------	58	17,585	7	51	-------	993	51,274	77,450
Hoboken, N. J	3	42,764	10	7,600	84	29,812	6	78	-------	6,952	65,990	135,000
Indianapolis, Ind	5	121,864	22	22,820	460	102,487	22	438	-------	7,541	229,010	387,023
Jackson, Mich	6	205,911	44	56,973	413	128,109	19	392	2	34,694	277,440	558,370
Jersey City, N. J	5	9,150	1	624	102	18,178	-------	101	1	1,147	1,764	31,860
Kalamazoo, Mich	3	28,100	7	4,160	72	25,358	9	63	-------	2,726	51,580	112,050
Kansas City, Mo	4	27,100	8	8,400	102	33,340	1	101	-------	3,920	65,275	130,455
Lewiston, Me	3	14,900	3	900	31	7,316	-------	31	-------	1,944	33,590	50,000
Louisville, Ky	6	16,875	3	2,190	64	16,474	8	56	-------	7,803	75,668	119,577
Milwaukee, Wis	6	100,525	19	14,150	161	49,200	28	133	-------	14,930	54,485	188,991
Minneapolis, Minn	5	67,063	15	11,110	431	96,430	11	415	5	17,360	110,310	302,000
Newark, N. J	24	931,955	103	88,016	1,330	410,053	70	1,219	41	111,428	716,471	1,642,554
New Haven, Conn	3	23,700	2	2,000	29	12,900	8	21	-------	2,246	42,900	70,550
New Orleans, La	14	460,295	18	16,310	509	232,409	-------	482	27	15,545	485,631	849,823
New York, N. Y	1,607	27,388,909	3,961	3,933,792	44,715	20,929,460	19,132	25,318	265	8,222,182	54,638,897	102,711,604
Oakland, Cal	5	7,260	3	800	20	7,900	6	14	-------	1,656	9,445	30,500
Philadelphia, Pa	191	3,384,850	510	427,558	6,233	2,122,028	1,803	4,367	63	465,679	5,039,999	9,452,259
Pittsburg, Pa	9	1,010,840	28	34,766	325	133,232	72	253	-------	68,985	388,195	691,000
Portland, Me	3	169,650	20	10,900	241	60,163	7	234	-------	4,646	105,158	211,669
Portland, Oreg	5	18,678	4	1,890	42	12,200	15	25	2	3,968	33,646	62,447
Reading, Pa	5	18,465	-------	-------	49	12,013	4	39	6	1,618	29,726	55,341
Rochester, N. Y	4	93,535	11	9,335	225	40,037	6	219	-------	19,746	88,431	185,357
St. Louis, Mo	42	990,456	182	182,651	1,957	529,125	877	1,522	58	131,655	1,670,705	2,987,446
St. Paul, Minn	3	18,800	2	1,650	85	32,190	8	77	-------	6,539	75,200	125,000
San Francisco, Cal	49	659,223	46	47,660	1,256	420,212	335	911	10	55,562	981,703	1,903,331
Scranton, Pa	3	35,500	6	3,320	322	59,950	7	294	21	3,478	50,420	133,270

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

CLOTHING, WOMEN'S, FACTORY PRODUCT—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Seattle, Wash	7	$18,350	5	$2,100	26	$9,920	26			$2,880	$34,650	$79,694
Syracuse, N. Y	8	146,798	12	8,612	261	64,809	14	230	17	36,481	228,453	383,494
Toledo, Ohio	4	203,811	14	24,585	623	170,606	131	492		30,795	483,360	941,918
Trenton, N. J	3	14,860	1	280	49	13,040	2	47		830	29,230	48,000
Waterbury, Conn	3	4,875			24	10,872	15	9		1,752	20,130	40,320
Wilkesbarre, Pa	3	511,500	24	43,800	636	136,708	36	542	58	77,410	316,508	627,039
Worcester, Mass	7	465,786	19	30,490	691	194,299	46	645		16,548	446,562	853,018
All other cities[1]	60	958,943	140	99,215	1,939	470,896	150	1,771	18	78,504	1,163,053	2,192,954

[1] Includes Allegheny, Pa., 2; Allentown, Pa., 1; Bayonne, N. J., 1; Binghamton, N. Y., 1; Cambridge, Mass., 1; Cedar Rapids, Iowa, 1; Charleston, S. C., 1; Chelsea, Mass., 1; Columbus, Ohio, 1; Covington, Ky., 1; Decatur, Ill., 2; Denver, Colo., 2; Elgin, Ill., 1; Erie, Pa., 1; Gloucester, Mass., 1; Harrisburg, Pa., 1; Holyoke, Mass., 1; Joliet, Ill., 1; Los Angeles, Cal., 2; Lowell, Mass., 1; Lynn, Mass., 2; Manchester, N. H., 1; Memphis, Tenn., 1; Nashville, Tenn., 1; New Brunswick, N. J., 1; Newport, Ky., 1; North Adams, Mass., 1; Omaha, Nebr., 1; Paterson, N. J., 1; Pawtucket, R. I., 1; Pittsfield, Mass., 1; Poughkeepsie, N. Y., 1; Quincy, Mass., 1; Racine, Wis., 1; Richmond, Va., 2; Rockford, Ill., 1; Saginaw, Mich., 2; Salem, Mass., 2; San Jose, Cal., 1; Schenectady, N. Y., 1; Somerville, Mass., 1; Springfield, Mass., 2; Tacoma, Wash., 2; Terre Haute, Ind., 2; Troy, N. Y., 2; Watertown, N. Y., 1; Wilmington, Del., 1; York, Pa., 1.

COFFEE AND SPICE, ROASTING AND GRINDING.

Total	422	$27,587,259	2,641	$2,853,898	5,811	$2,397,174	3,324	2,380	107	$3,367,484	$52,310,340	$66,263,974
Albany, N. Y	4	198,150	9	7,500	39	23,950	37	2		9,017	242,935	320,300
Austin, Tex	5	5,225			2	975	2			275	12,048	15,315
Baltimore, Md	11	227,400	63	107,602	97	35,087	59	38		22,774	1,000,153	1,271,787
Boston, Mass	16	1,839,305	172	244,954	268	184,767	162	106		229,354	2,772,083	3,696,544
Buffalo, N. Y	12	231,400	18	16,600	16	5,915	11	5		7,214	169,458	241,603
Chicago, Ill	25	5,195,803	533	562,976	922	369,337	653	265	4	681,917	9,937,455	12,612,424
Cincinnati, Ohio	10	473,895	68	71,412	109	42,197	67	42		30,899	1,159,871	1,416,395
Columbus, Ohio	3	68,500	70	34,961	27	12,200	19	8		5,990	187,885	276,236
Dayton, Ohio	3	188,300	18	15,080	42	16,528	17	25		19,125	386,245	506,794
Detroit, Mich	3	45,983	6	4,794	24	8,670	13	10	1	6,775	142,873	193,198
Evansville, Ind	3	27,200	6	4,975	12	5,855	10	1	1	1,495	68,365	89,950
Hartford, Conn	3	48,065	3	2,699	5	3,106	5			5,425	102,723	136,134
Kansas City, Mo	3	127,684	22	26,683	41	14,459	18	2	21	20,601	143,090	242,500
Lancaster, Pa	3	7,800			3	1,091	3			211	5,000	8,290
Los Angeles, Cal	8	112,092	8	6,880	21	9,348	16	4	1	10,079	181,396	245,380
Louisville, Ky	5	75,000	4	3,600	19	14,454	18	1		4,043	132,592	178,420
Memphis, Tenn	5	63,840	14	13,780	12	5,378	9	3		4,210	63,475	102,340
Milwaukee, Wis	3	212,333	41	34,290	35	16,106	29	5	1	46,854	253,055	364,477
Minneapolis, Minn	3	32,000	15	12,365	22	11,000	16	6		17,050	335,730	397,400
Newark, N. J	3	74,185	10	6,755	26	11,567	23		3	4,577	113,209	154,468
New Orleans, La	9	282,951	45	49,370	50	20,469	32	16	2	38,010	524,608	666,713
New York, N. Y	56	8,657,792	502	567,150	1,427	657,225	855	529	43	1,475,363	17,279,301	21,346,195
Norfolk, Va	5	292,486	25	29,261	346	51,821	46	300		54,875	1,320,712	1,513,809
Petersburg, Va	5	91,000	14	10,842	169	19,950	33	136		4,940	505,970	573,250
Philadelphia, Pa	43	1,167,821	135	176,686	308	137,379	228	79	1	80,918	1,905,633	2,642,080
Portland, Oreg	5	209,405	27	30,920	33	15,347	24	8	1	11,357	300,907	382,260
Providence, R. I	3	36,250	4	5,000	9	4,332	6	3		5,920	100,769	142,211
Reading, Pa	3	12,158	1	700	3	1,728	3			1,189	19,206	24,761
Rochester, N. Y	3	88,000	12	8,915	22	8,021	13	9		5,985	122,756	152,561
Sacramento, Cal	3	21,250	1	1,200	3	1,236	2		1	1,667	22,795	35,650
St. Joseph, Mo	3	112,000	2	2,800	36	11,964	19	17		7,970	203,270	246,400
St. Louis, Mo	20	2,271,298	259	270,184	419	149,447	227	175	17	183,767	3,947,513	4,765,564
St. Paul, Minn	5	344,300	75	72,950	118	40,040	65	53		63,372	515,225	807,900
San Francisco, Cal	22	1,437,610	158	203,513	231	140,422	167	62	2	128,432	2,049,799	2,766,387
Seattle, Wash	12	121,580	20	22,510	36	20,334	27	7	2	11,489	286,579	365,632
Syracuse, N. Y	4	112,240	3	2,580	21	9,244	15	6		5,600	206,700	248,701
Troy, N. Y	3	11,100	1	1,800	5	3,212	5			1,665	14,781	25,473
Washington, D. C	5	172,382	16	12,372	24	12,250	18	1	5	3,583	248,599	304,328
Wheeling, W. Va	3	62,670	1	468	10	4,785	8	2		2,897	195,534	216,976
Wilkesbarre, Pa	3	19,750			10	5,586	8	2		1,350	19,882	32,684
All other cities[1]	75	2,809,056	260	206,771	789	290,392	336	452	1	149,250	5,110,160	6,534,484

[1] Includes Akron, Ohio, 1; Bayonne, N. J., 1; Binghamton, N. Y., 1; Bridgeport, Conn., 1; Burlington, Iowa, 2; Camden, N. J., 2; Cedar Rapids, Iowa, 1; Chattanooga, Tenn., 1; Cleveland, Ohio, 2; Davenport, Iowa, 2; Denver, Colo., 2; Des Moines, Iowa, 1; Dubuque, Iowa, 2; Duluth, Minn., 1; Erie, Pa., 1; Fall River, Mass., 1; Fort Wayne, Ind., 1; Galveston, Tex., 1; Grand Rapids, Mich., 1; Harrisburg, Pa., 1; Houston, Tex., 1; Indianapolis, Ind., 1; La Crosse, Wis., 1; Lawrence, Mass., 1; Lincoln, Nebr., 1; Lowell, Mass., 1; Manchester, N. H., 1; Nashville, Tenn., 2; New Bedford, Mass., 1; Newburg, N. Y., 1; New Haven, Conn., 2; Oakland, Cal., 2; Oshkosh, Wis., 1; Paterson, N. J., 2; Pawtucket, R. I., 1; Peoria, Ill., 2; Pittsburg, Pa., 2; Portland, Me., 1; Poughkeepsie, N. Y., 1; Richmond, Va., 2; San Antonio, Tex., 1; San Jose, Cal., 2; Scranton, Pa., 1; Sioux City, Iowa, 1; Spokane, Wash., 1; Springfield, Mass., 1; Tacoma, Wash., 1; Terre Haute, Ind., 2; Toledo, Ohio, 2; Trenton, N. J., 2; Wilmington, Del., 2; Wilmington, N. C., 2; Worcester, Mass., 2; Zanesville, Ohio, 2.

COOPERAGE.

Total	878	$15,934,738	537	$630,720	14,130	$6,008,264	13,725	38	367	$1,038,344	$16,200,188	$27,369,926
Albany, N. Y	7	42,090			25	11,592	25			1,157	30,401	58,251
Baltimore, Md	36	395,821	14	10,780	340	153,617	338		2	27,963	348,040	628,801
Boston, Mass	22	274,678	10	11,600	254	144,048	253	1		29,397	328,883	607,900
Buffalo, N. Y	35	265,445	7	8,200	353	185,069	351		2	13,433	311,591	631,498
Cambridge, Mass	6	116,093	4	4,040	79	45,804	79			7,422	137,863	211,327

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

COOPERAGE—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Camden, N. J	4	$3,920			9	$3,253	9			$281	$12,384	$19,834
Charleston, S. C	5	134,179	5	$8,520	109	25,150	109			4,361	72,695	135,024
Chicago, Ill	54	1,203,006	44	50,304	1,293	535,484	1,251	1	41	58,925	1,822,218	2,838,671
Cincinnati, Ohio	35	802,397	23	41,512	703	281,504	703			36,947	627,518	1,110,860
Cleveland, Ohio	6	248,725	8	17,400	179	73,832	170		9	6,486	102,899	225,328
Davenport, Iowa	4	34,500	2	1,460	32	10,836	32			1,171	20,722	36,902
Dayton, Ohio	4	9,612			18	7,110	18			323	16,586	26,748
Detroit, Mich	11	131,143	4	1,900	124	55,905	122		2	5,386	141,810	242,359
Dubuque, Iowa	5	26,395	1	1,200	36	13,678	36			1,283	31,789	57,958
Elgin, Ill	3	123,580	1	1,500	191	86,575	190	1		3,667	228,103	315,231
Erie, Pa	5	108,310	7	8,680	112	34,448	52		60	3,666	82,060	192,294
Evansville, Ind	11	32,342	3	2,624	108	40,080	108			1,514	90,670	168,570
Galveston, Tex	3	1,785			7	2,340	6		1	659	3,235	11,095
Grand Rapids, Mich	3	58,519	3	3,550	73	26,110	73			1,478	66,988	103,900
Hoboken, N. J	5	64,800			28	18,800	28			2,792	52,845	98,750
Houston, Tex	4	3,685			4	1,730	4			1,053	6,200	13,525
Indianapolis, Ind	5	43,553	2	2,140	110	39,878	110			2,067	75,953	131,432
Jersey City, N. J	8	263,457	15	25,028	265	122,009	263		2	24,492	292,230	570,388
Kansas City, Kans	4	146,836	8	5,086	198	86,858	193		5	6,948	154,956	349,270
La Crosse, Wis	13	25,275			44	21,485	44			2,637	33,188	73,085
Lexington, Ky	4	23,345	2	1,080	31	10,821	31			1,133	28,010	53,410
Los Angeles, Cal	3	48,375	1	600	31	19,344	31			5,456	71,345	133,230
Louisville, Ky	18	841,397	38	61,712	1,104	252,855	1,102		2	32,960	543,307	1,046,475
Memphis, Tenn	3	28,550	4	4,200	72	39,070	72			3,235	85,675	152,200
Milwaukee, Wis	43	476,920	8	6,138	421	177,184	410		11	23,675	387,713	716,867
Minneapolis, Minn	14	322,615	26	20,315	441	241,463	432	2	7	21,093	852,568	1,314,635
Mobile, Ala	3	31,900	1	960	31	14,200	31			3,848	13,040	46,000
Newark, N. J	7	99,280	4	3,808	52	29,860	52			1,116	72,848	122,111
New Bedford, Mass	3	2,400			5	2,700	5			537	5,015	10,961
New Orleans, La	55	245,017	26	17,618	317	120,830	315		2	18,812	265,412	515,835
New York, N. Y	90	3,275,326	47	71,108	1,902	912,298	1,841	14	47	233,128	2,635,841	4,231,960
Norfolk, Va	7	36,700	2	960	66	18,207	65		1	2,641	38,945	68,805
Oswego, N. Y	3	4,750			1	775	1			30	2,103	3,300
Peoria, Ill	4	871,773	22	34,000	750	355,847	750			46,425	776,292	1,325,485
Philadelphia, Pa	58	1,097,863	15	14,936	331	167,129	331			127,670	1,025,142	1,490,119
Pittsburg, Pa	10	214,121	3	3,000	252	131,261	238		14	7,214	424,242	605,845
Portland, Oreg	8	32,842			22	13,668	20		2	1,253	31,619	63,548
Poughkeepsie, N. Y	4	55,900	1	520	55	27,012	55			2,490	38,731	85,307
Quincy, Ill	6	5,965			10	3,275	10			334	6,814	14,224
Richmond, Va	4	13,615	1	624	32	5,576	32			1,182	22,875	32,390
Rochester, N. Y	14	96,209	3	2,125	131	63,457	131			3,850	119,689	213,095
Saginaw, Mich	7	216,665	5	4,520	204	69,203	193		11	8,253	120,987	224,179
St. Joseph, Mo	4	42,205	2	1,050	68	19,449	55	7	6	7,255	64,245	121,880
St. Louis, Mo	44	1,146,562	48	71,660	941	361,631	851		90	61,144	961,929	1,698,862
St. Paul, Minn	9	121,575	6	6,000	77	37,578	77			4,985	73,025	130,920
San Francisco, Cal	23	385,665	12	14,100	335	216,600	328	1	6	56,911	822,521	1,199,756
Sheboygan, Wis	4	2,850			2	805	2			157	1,784	3,860
Syracuse, N. Y	6	43,460	1	900	43	21,828	43			533	33,457	69,950
Terre Haute, Ind	5	30,760	3	2,000	74	25,176	74			1,341	83,059	122,028
Toledo, Ohio	13	18,235			22	12,023	22			739	33,426	63,575
Trenton, N. J	4	6,125			14	4,075	14			365	5,250	20,425
Washington, D. C	5	21,160	3	1,342	34	11,611	34			5,019	22,084	50,350
York, Pa	4	12,375			8	2,412	8			204	5,440	10,852
All other cities[1]	91	1,502,092	92	80,920	1,557	591,846	1,502	11	44	107,848	1,433,928	2,548,486

[1] Includes Akron, Ohio, 1; Allegheny, Pa., 2; Allentown, Pa., 2; Altoona, Pa., 1; Anderson, Ind., 1; Aurora, Ill., 1; Bangor, Me., 2; Bay City, Mich., 2; Bridgeport, Conn., 1; Burlington, Iowa, 2; Clinton, Iowa, 1; Columbus, Ohio, 1; Council Bluffs, Iowa, 2; Covington, Ky., 1; Dallas, Tex., 2; Decatur, Ill., 1; Denver, Colo., 1; Des Moines, Iowa, 2; East St. Louis, Ill., 1; Elmira, N. Y., 1; Fall River, Mass., 2; Fort Wayne, Ind., 1; Fort Worth, Tex., 2; Gloucester, Mass., 1; Jackson, Mich., 1; Jacksonville, Fla., 1; Jamestown, N. Y., 1; Joliet, Ill., 1; Kalamazoo, Mich., 1; Kingston, N. Y., 2; Lancaster, Pa., 1; Leavenworth, Kans., 1; Lynn, Mass., 1; Macon, Ga., 2; Manchester, N. H., 1; Muskegon, Mich., 1; Nashua, N. H., 1; Nashville, Tenn., 2; New Albany, Ind., 2; Newcastle, Pa., 1; New Haven, Conn., 2; Newport, Ky., 1; Omaha, Nebr., 2; Oshkosh, Wis., 2; Pawtucket, R. I., 1; Petersburg, Va., 2; Portland, Me., 2; Rockford, Ill., 1; Sacramento, Cal., 1; San Jose, Cal., 1; Savannah, Ga., 1; Seattle, Wash., 2; Sioux City, Iowa, 1; Somerville, Mass., 2; South Omaha, Nebr., 1; Springfield, Mo., 1; Superior, Wis., 2; Tacoma, Wash., 1; Taunton, Mass., 2; Troy, N. Y., 1; Utica, N. Y., 1; Waco, Tex., 1; Watertown, N. Y., 1; Wilmington, Del., 1; Wheeling, W. Va., 2; Youngstown, Ohio, 2.

CORDAGE AND TWINE.

Total	58	$20,765,975	292	$475,988	8,098	$2,698,043	4,286	3,298	514	$1,215,002	$18,915,914	$26,565,372
Fall River, Mass	3	22,955	1	780	25	6,788	17	2	6	1,475	29,972	43,996
Milwaukee, Wis	3	31,565	4	2,600	40	7,370	22	1	17	1,502	54,472	74,166
New York, N. Y	11	6,722,552	93	216,629	3,252	1,112,019	1,710	1,310	232	443,495	6,059,794	8,768,974
Philadelphia, Pa	9	3,906,458	59	73,255	1,168	398,905	535	529	104	65,032	4,210,942	5,291,239
All other cities[1]	32	10,082,445	135	182,724	3,613	1,172,961	2,002	1,456	155	703,498	8,560,734	12,386,997

[1] Includes Akron, Ohio, 1; Auburn, N. Y., 1; Baltimore, Md., 1; Boston, Mass., 1; Buffalo, N. Y., 1; Chicago, Ill., 1; Cincinnati, Ohio, 1; Columbus, Ohio, 1; Covington, Ky., 1; Davenport, Iowa, 1; Dayton, Ohio, 1; Easton, Pa., 1; Galveston, Tex., 1; Gloucester, Mass., 2; Little Rock, Ark., 1; Louisville, Ky., 1; Malden, Mass., 1; Montgomery, Ala., 1; New Bedford, Mass., 2; Newton, Mass., 1; Pawtucket, R. I., 1; Peoria, Ill., 1; Portland, Oreg., 1; Reading, Pa., 1; St. Louis, Mo., 1; San Francisco, Cal., 1; Somerville, Mass., 1; Utica, N. Y., 1; Zanesville, Ohio, 2.

TABLE 5.--STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

COTTON GOODS.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Total	365	$237,021,445	2,031	$3,557,891	143,438	$47,619,048	64,053	66,577	12,808	$12,594,945	$86,401,533	$173,088,338
Atlanta, Ga	3	3,461,373	33	61,105	1,776	417,246	652	659	465	150,150	1,156,178	1,938,228
Augusta, Ga	8	5,133,374	42	67,137	3,459	690,877	1,344	1,514	601	220,902	2,089,563	3,429,348
Boston, Mass	3	228,684	14	14,258	68	30,375	35	33	-------	8,353	147,288	212,005
Chester, Pa	11	3,444,091	66	106,714	1,906	676,023	793	926	187	214,880	1,422,744	2,711,049
Columbia, S. C	4	3,815,156	24	38,633	2,021	369,226	1,023	482	516	170,901	1,075,389	1,956,089
Fall River, Mass	42	45,641,084	244	475,448	26,371	8,813,912	12,587	12,162	1,622	2,004,027	13,022,130	29,097,667
Fitchburg, Mass	5	2,679,698	27	43,790	1,878	688,309	915	800	163	117,369	1,344,181	2,449,986
Holyoke, Mass	4	5,631,400	59	71,039	3,227	1,134,626	1,168	1,761	298	201,852	1,661,462	3,764,848
Jamestown, N. Y	3	216,819	5	2,777	91	26,092	23	60	8	14,014	66,933	141,462
Lawrence, Mass	7	12,218,152	78	156,122	6,007	2,336,201	2,921	2,899	187	596,148	4,227,357	8,146,594
Lewiston, Me	5	7,651,502	36	82,323	4,604	1,555,510	1,886	2,585	133	331,561	2,192,679	4,638,115
Lowell, Mass	8	21,354,927	115	243,230	13,730	4,784,706	6,293	6,793	644	1,397,294	8,774,009	17,038,576
Macon, Ga	3	1,270,213	26	47,316	920	190,413	443	307	170	65,831	819,829	1,237,125
Manchester, N. H	4	12,699,055	49	143,500	10,616	3,553,413	4,685	5,578	353	807,389	5,849,329	11,723,508
New Bedford, Mass	15	21,870,988	140	253,369	12,286	4,602,769	6,395	5,004	887	1,056,261	8,208,178	16,748,783
New York, N. Y	6	561,785	16	37,874	342	109,412	106	233	3	57,199	480,220	724,125
North Adams, Mass	5	6,466,396	43	121,166	2,357	947,351	1,445	740	172	259,044	1,149,008	2,893,128
Pawtucket, R. I	10	4,796,637	92	195,364	3,854	1,407,459	1,455	1,933	466	732,047	2,326,041	4,935,309
Petersburg, Va	4	635,538	12	13,391	712	121,625	177	372	163	25,916	350,564	531,673
Philadelphia, Pa	122	12,541,083	361	457,239	9,334	3,573,536	4,383	4,055	896	1,371,465	8,249,823	15,723,654
Providence, R. I	9	2,520,864	33	55,390	1,532	526,970	630	773	129	116,770	935,146	1,954,740
Taunton, Mass	7	4,410,390	44	79,664	3,151	1,125,679	1,599	1,254	298	266,096	2,651,502	4,593,466
Warwick, R. I	9	6,247,306	38	56,277	4,361	1,361,143	2,299	1,583	479	148,024	1,654,724	4,413,357
Woonsocket, R. I	5	4,278,613	29	71,060	2,496	820,780	1,064	1,092	340	106,522	1,107,792	2,389,586
Worcester, Mass	3	318,373	13	12,018	125	48,749	31	94	-------	19,069	296,194	416,662
All other cities[1]	60	46,927,944	392	651,687	26,214	7,706,646	9,701	12,885	3,628	2,135,861	15,143,270	29,279,255

[1] Includes Aurora, Ill., 1; Baltimore, Md., 2; Birmingham, Ala., 2; Camden, N. J., 1; Charleston, S. C., 1; Chattanooga, Tenn., 1; Chelsea, Mass., 1; Cincinnati, Ohio, 2; Cohoes, N. Y., 1; Covington, Ky., 1; Dallas, Tex., 1; Evansville, Ind., 1; Galveston, Tex., 1; Hartford, Conn., 1; Indianapolis, Ind., 1; Jersey City, N. J., 2; Knoxville, Tenn., 1; Lancaster, Pa., 1; Louisville, Ky., 1; Malden, Mass., 1; Mobile, Ala., 1; Montgomery, Ala., 2; Nashua, N. H., 2; Nashville, Tenn., 2; Newark, N. J., 2; Newburg, N. Y., 1; New Haven, Conn., 1; New Orleans, La., 2; Norristown, Pa., 1; Oakland, Cal., 1; Oswego, N. Y., 1; Passaic, N. J., 1; Paterson, N. J., 2; Pittsfield, Mass., 1; Reading, Pa., 1; Rochester, N. Y., 1; St. Louis, Mo., 2; Salem, Mass., 1; Scranton, Pa., 1; Springfield, Mass., 2; Utica, N. Y., 2; Waltham, Mass., 1; Wilkesbarre, Pa., 2; Wilmington, Del., 2; Wilmington, N. C., 1.

CUTLERY AND EDGE TOOLS.

Total	143	$6,163,822	416	$496,999	4,680	$2,255,293	4,181	345	154	$432,630	$2,230,058	$6,518,612
Baltimore, Md	3	16,200	-------	-------	15	7,164	14	-------	1	842	4,138	16,022
Boston, Mass	5	35,807	1	750	37	23,766	37	-------	-------	3,563	10,929	50,649
Bridgeport, Conn	3	193,600	13	15,875	350	147,562	316	34	-------	23,318	105,160	364,324
Brockton, Mass	7	23,550	1	720	29	18,062	28	1	-------	4,023	11,432	51,677
Cincinnati, Ohio	6	20,960	5	3,992	24	12,345	24	-------	-------	2,149	6,106	36,551
Lynn, Mass	6	18,200	2	1,040	20	12,866	20	-------	-------	1,460	4,724	30,550
Meriden, Conn	3	694,303	27	47,200	376	171,946	277	99	-------	21,016	137,292	408,493
Newark, N. J	14	591,834	90	103,285	737	309,454	701	25	11	39,165	237,177	784,540
New York, N. Y	15	117,551	20	16,312	151	87,623	147	1	3	39,435	97,134	295,785
Philadelphia, Pa	11	264,303	15	13,078	115	59,600	115	-------	-------	6,030	38,647	182,124
Rochester, N. Y	6	248,259	4	1,873	56	26,629	56	-------	-------	6,655	23,983	82,520
St. Louis, Mo	3	1,875	-------	-------	3	2,400	3	-------	-------	2,368	1,300	12,550
Worcester, Mass	4	144,656	10	14,400	157	72,748	136	21	-------	8,172	48,338	175,849
All other cities[1]	57	3,792,724	228	278,474	2,610	1,303,128	2,307	164	139	274,434	1,503,698	4,026,978

[1] Includes Albany, N. Y., 2; Allentown, Pa., 1; Anderson, Ind., 1; Auburn, N. Y., 1; Bayonne, N. J., 1; Buffalo, N. Y., 1; Canton, Ohio, 2; Cedar Rapids, Iowa, 1; Chester, Pa., 1; Chicago, Ill., 2; Cleveland, Ohio, 1; Cohoes, N. Y., 2; Columbus, Ohio, 2; Dayton, Ohio, 1; Detroit, Mich., 1; Erie, Pa., 1; Evansville, Ind., 1; Fitchburg, Mass., 1; Grand Rapids, Mich., 1; Haverhill, Mass., 2; Holyoke, Mass., 1; Joliet, Ill., 1; La Crosse, Wis., 1; Lima, Ohio, 1; Louisville, Ky., 2; Lowell, Mass., 1; Milwaukee, Wis., 1; Nashua, N. H., 1; New Britain, Conn., 2; New Haven, Conn., 1; New Orleans, La., 2; Pittsburg, Pa., 1; Pittsfield, Mass., 1; Portland, Me., 1; Providence, R. I., 2; Reading, Pa., 1; Seattle, Wash., 2; South Bend, Ind., 1; Springfield, Mass., 1; Syracuse, N. Y., 1; Toledo, Ohio, 1; Troy, N. Y., 1; Waterbury, Conn., 1; Wilkesbarre, Pa., 2; Wilmington, Del., 1.

DYEING AND FINISHING TEXTILES.

Total	218	$37,276,226	891	$1,458,044	17,844	$7,796,662	15,091	2,075	678	$2,594,579	$11,389,597	$28,663,296
Chicago, Ill	3	42,094	6	4,900	52	18,600	45	6	1	3,556	24,775	63,625
Fall River, Mass	3	6,996,863	52	188,963	1,131	486,914	932	163	36	428,762	1,094,877	2,995,979
Lawrence, Mass	3	324,650	11	19,475	199	71,019	153	46	-------	8,999	122,593	239,017
New York, N. Y	32	1,709,051	70	79,905	1,029	458,496	790	239	-------	138,033	448,077	1,460,322
Passaic, N. J	3	3,554,356	57	92,786	1,315	596,583	1,094	201	20	278,240	997,407	2,316,681
Paterson, N. J	30	2,826,293	151	221,064	2,707	1,184,764	2,569	65	73	154,673	1,808,606	3,836,409
Pawtucket, R. I	8	2,394,977	72	109,820	1,309	536,488	951	239	119	101,189	640,581	1,600,916
Philadelphia, Pa	91	4,981,389	164	172,043	3,455	1,578,434	3,037	200	218	411,749	2,440,916	5,562,099
Providence, R. I	5	4,061,771	86	141,759	1,411	634,533	1,234	165	12	282,083	814,557	2,284,083
Reading, Pa	4	36,771	3	1,000	23	9,050	21	-------	2	1,613	15,921	32,942
Worcester, Mass	3	98,678	6	8,318	76	39,986	67	9	-------	8,601	61,062	141,919
All other cities[1]	33	10,249,333	213	418,011	5,137	2,181,795	4,198	742	197	777,081	2,920,225	8,129,304

[1] Includes Amsterdam, N. Y., 1; Aurora, Ill., 1; Baltimore, Md., 1; Boston, Mass., 2; Camden, N. J., 2; Chelsea, Mass., 1; Cohoes, N. Y., 1; Covington, Ky., 1; Hoboken, N. J., 1; Holyoke, Mass., 1; Indianapolis, Ind., 1; Jersey City, N. J., 2; Lewiston, Me., 1; Louisville, Ky., 1; Malden, Mass., 1; Manchester, N. H., 1; Newburg, N. Y., 1; New Haven, Conn., 1; North Adams, Mass., 1; Somerville, Mass., 1; Taunton, Mass., 1; Utica, N. Y., 1; Waltham, Mass., 1; Warwick, R. I., 2; West Hoboken, N. J., 1; Wheeling, W. Va., 1; Wilmington, Del., 2; Wilmington, N. C., 1.

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

ELECTRICAL APPARATUS AND SUPPLIES.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Total	477	$63,008,467	4,100	$3,639,866	30,068	$14,581,321	25,241	4,322	505	$5,704,619	$34,317,143	$66,176,755
Akron, Ohio	3	77,900	2	4,700	27	12,116	26	1	-------	3,348	14,613	41,250
Baltimore, Md	5	149,803	16	15,616	64	29,603	56	7	1	14,513	85,210	159,731
Boston, Mass	23	1,021,862	92	89,244	581	273,407	457	120	4	89,951	577,072	1,274,435
Buffalo, N. Y	8	125,660	10	8,230	50	19,943	50	-------	-------	19,999	75,714	161,188
Chicago, Ill	71	11,216,185	1,113	610,917	5,787	2,710,641	4,536	1,154	97	1,545,390	4,283,265	11,357,986
Cincinnati, Ohio	9	320,631	51	47,514	233	98,675	231	2	-------	32,160	530,299	813,130
Cleveland, Ohio	26	3,884,076	180	188,707	1,961	820,384	1,612	334	15	375,763	1,601,653	3,357,923
Dayton, Ohio	5	217,081	13	11,990	125	57,795	115	10	-------	18,392	74,294	197,126
Denver, Colo	4	77,000	6	6,000	84	41,720	56	27	1	8,027	51,608	121,000
Detroit, Mich	9	432,641	20	22,470	122	60,466	114	5	3	28,619	153,838	362,921
Hartford, Conn	7	586,434	29	54,221	341	128,560	180	160	1	46,655	360,013	671,697
Indianapolis, Ind	5	191,081	23	18,460	119	45,519	115	4	-------	14,049	100,668	211,895
Jersey City, N. J	5	499,903	80	56,195	308	107,910	203	60	45	47,312	277,463	546,458
Los Angeles, Cal	3	55,774	11	13,370	35	29,106	35	-------	-------	2,915	16,417	66,982
Louisville, Ky	3	45,077	4	4,020	36	20,231	36	-------	-------	9,896	60,085	97,280
Lynn, Mass	8	2,908,116	313	235,980	3,166	1,721,442	2,731	344	91	113,856	3,031,645	5,840,668
Milwaukee, Wis	4	688,318	34	34,514	367	152,460	359	8	-------	32,741	178,061	502,332
Minneapolis, Minn	7	69,195	11	6,976	70	37,740	70	-------	-------	7,759	110,425	189,836
Newark, N. J	12	1,463,136	91	89,878	475	263,818	385	80	10	183,370	421,795	1,169,056
New York, N. Y	104	8,781,700	900	685,404	4,768	2,362,897	4,273	469	26	646,740	5,903,203	10,851,350
Pawtucket, R. I	3	483,868	14	16,736	79	35,153	49	30	-------	26,125	626,845	746,928
Philadelphia, Pa	40	3,662,910	143	196,385	1,253	490,921	991	139	123	461,266	2,198,146	4,230,619
Pittsburg, Pa	8	16,070,738	431	562,431	5,938	3,302,790	5,269	641	28	1,113,783	8,838,186	14,013,450
Providence, R. I	9	234,864	11	10,918	127	54,260	115	12	-------	12,887	98,663	216,068
St. Louis, Mo	11	974,000	57	65,050	522	181,821	395	111	16	142,701	340,599	874,890
St. Paul, Minn	4	10,325	1	400	12	5,600	12	-------	-------	1,266	10,567	81,600
San Francisco, Cal	5	58,582	17	14,760	193	95,851	183	-------	10	7,214	273,624	405,665
Springfield, Mass	3	264,330	18	27,615	127	60,049	77	50	-------	15,892	138,339	302,402
Syracuse, N. Y	4	74,723	10	6,464	67	40,376	65	2	-------	8,602	72,940	150,441
Worcester, Mass	4	35,929	2	1,600	21	6,430	21	-------	-------	1,782	15,394	31,811
All other cities[1]	70	8,326,625	397	533,101	3,010	1,313,637	2,424	552	34	671,646	3,796,499	7,178,637

[1]Includes Allegheny, Pa., 2; Anderson, Ind., 1; Augusta, Ga., 1; Aurora, Ill., 1; Bridgeport, Conn., 1; Cambridge, Mass., 1; Camden, N. J., 2; Canton, Ohio, 1; Chattanooga, Tenn., 1; Chelsea, Mass., 1; Dallas, Tex., 1; Des Moines, Iowa, 1; Duluth, Minn., 1; East Orange, N. J., 1; Elizabeth, N. J., 1; Elmira, N. Y., 1; Erie, Pa., 1; Fort Wayne, Ind., 2; Joliet, Ill., 1; Kansas City, Mo., 2; Lancaster, Pa., 1; Lowell, Mass., 2; Malden, Mass., 1; Manchester, N. H., 2; Meriden, Conn., 1; Muncie Ind., 1; New Bedford, Mass., 1; New Britain, Conn., 1; New Orleans, La., 2; Newton, Mass., 1; Oakland, Cal., 1; Omaha, Nebr., 2; Orange, N. J., 1; Passaic N. J., 1; Peoria, Ill., 2; Pittsfield, Mass., 2; Portland, Me., 2; Rochester, N. Y., 2; Sacramento, Cal., 1; Salem, Mass., 1; San Jose, Cal., 1; Schenectady, N. Y., 1; Springfield, Ill., 2; South Bend, Ind., 1; Terre Haute, Ind., 2; Toledo, Ohio, 1; Trenton, N. J., 1; Troy, N. Y., 1; Utica, N. Y., 2; Wilmington, Del., 1; Yonkers, N. Y., 2; York, Pa., 1; Youngstown, Ohio, 2.

FLOURING AND GRIST MILL PRODUCTS.

Total	669	$64,658,966	1,971	$2,343,911	9,337	$5,208,171	8,970	344	23	$3,759,342	$152,584,164	$172,921,945
Altoona, Pa	3	20,900	-------	-------	5	2,700	5	-------	-------	1,080	24,980	32,035
Anderson, Ind	5	73,700	1	900	10	4,784	10	-------	-------	2,539	126,616	161,534
Auburn, N. Y	3	127,500	1	700	15	7,344	15	-------	-------	3,220	178,837	202,540
Augusta, Ga	6	147,377	15	10,410	48	11,625	47	-------	1	10,426	671,435	739,781
Austin, Tex	3	3,450	-------	-------	2	1,170	2	-------	-------	539	26,352	31,344
Baltimore, Md	4	678,500	33	48,378	131	69,140	128	3	-------	127,605	2,048,003	2,321,998
Bangor, Me	3	32,300	1	800	5	2,250	5	-------	-------	1,320	158,130	177,500
Binghamton, N. Y	5	226,960	12	12,270	33	15,408	33	-------	-------	10,919	1,030,981	1,142,925
Birmingham, Ala	3	46,250	7	7,420	14	4,530	14	-------	-------	5,318	256,763	287,342
Bloomington, Ill	5	108,500	3	2,800	17	10,907	17	-------	-------	3,903	187,687	216,994
Boston, Mass	3	45,888	5	2,816	10	4,850	10	-------	-------	4,805	63,878	85,094
Bridgeport, Conn	3	189,000	7	2,756	7	3,470	7	-------	-------	1,356	101,448	121,020
Brockton, Mass	3	22,000	5	425	5	2,336	5	-------	-------	1,267	51,063	60,169
Buffalo, N. Y	9	1,593,589	37	43,937	195	112,331	195	-------	-------	71,868	2,932,191	3,263,697
Camden, N. J	4	157,050	7	6,416	32	17,250	32	-------	-------	5,403	395,152	462,454
Canton, Ohio	3	51,000	3	1,600	7	4,858	7	-------	-------	3,707	142,728	165,684
Cedar Rapids, Iowa	4	73,500	5	5,290	19	10,985	19	-------	-------	5,772	224,344	271,483
Chattanooga, Tenn	3	340,800	28	29,320	83	36,323	80	-------	3	34,661	2,030,306	2,287,268
Chicago, Ill	14	1,472,100	45	56,545	239	133,299	236	1	2	103,721	4,032,383	4,515,480
Cincinnati, Ohio	10	287,864	16	20,529	61	30,085	53	8	-------	19,461	676,760	789,114
Cleveland, Ohio	4	396,500	15	15,920	60	35,730	60	-------	-------	7,369	683,535	776,326
Clinton, Iowa	5	31,150	3	2,040	12	6,420	12	-------	-------	3,661	80,866	102,770
Columbus, Ohio	3	159,900	11	13,360	29	16,266	29	-------	-------	5,661	481,454	532,236
Davenport, Iowa	5	184,800	11	10,568	24	13,427	24	-------	-------	6,650	283,872	327,766
Dayton, Ohio	5	211,035	8	15,460	46	29,500	46	-------	-------	14,495	527,288	626,718
Decatur, Ill	5	530,215	25	25,680	103	61,826	103	-------	-------	33,866	1,807,087	1,992,720
Denver, Colo	5	631,600	25	26,320	98	53,782	97	1	-------	34,039	1,461,040	1,701,658
Des Moines, Iowa	6	130,165	11	10,300	27	13,710	26	1	-------	7,776	379,777	469,467
Detroit, Mich	5	262,400	12	8,330	55	27,754	55	-------	-------	17,179	1,259,234	1,462,070
Easton, Pa	3	82,050	-------	-------	16	8,880	16	-------	-------	2,598	97,079	117,226

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

FLOURING AND GRIST MILL PRODUCTS—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Erie, Pa	7	$242,653	10	$12,112	40	$21,695	40			$9,261	$628,694	$717,432
Evansville, Ind	12	509,365	22	25,122	111	44,818	110		1	55,440	1,504,760	1,705,964
Fort Wayne, Ind	6	171,500	5	4,112	33	15,426	33			8,095	313,705	378,043
Fort Worth, Tex	3	578,409	11	14,780	74	56,540	74			27,731	1,366,000	1,539,128
Galveston, Tex	4	732,207	9	11,040	69	34,131	69			40,551	851,361	976,953
Grand Rapids, Mich	9	664,514	22	20,285	92	44,924	92			65,432	1,618,049	1,886,283
Hamilton, Ohio	3	119,958	9	8,670	36	21,442	36			5,630	496,900	582,638
Hartford, Conn	3	109,125	13	15,857	26	15,839	22	4		4,960	344,359	404,834
Haverhill, Mass	4	34,550	3	1,150	6	2,900	6			1,159	103,788	124,147
Indianapolis, Ind	9	1,042,005	46	76,284	313	149,854	306	7		130,665	3,342,198	3,820,373
Jackson, Mich	4	103,594	10	7,996	26	13,648	26			9,475	404,056	455,239
Jamestown, N. Y	3	37,800	1	600	10	5,100	10			3,430	111,847	132,595
Joliet, Ill	5	10,345	2	1,100	3	1,570	3			1,023	23,948	33,240
Kalamazoo, Mich	5	36,759	5	2,992	10	5,329	10			1,385	110,968	131,703
Kansas City, Kans	7	55,570	7	3,500	22	13,251	22			10,041	479,459	525,496
Kansas City, Mo	11	1,034,190	49	47,050	106	58,004	102	3	1	45,912	1,772,836	2,070,111
Kingston, N. Y	3	18,450			7	3,900	7			595	69,586	80,112
Knoxville, Tenn	3	372,844	16	19,890	70	30,742	70			28,291	1,004,511	1,142,317
La Crosse, Wis	4	285,224	17	26,130	48	27,349	48			39,557	1,081,660	1,208,877
Lawrence, Mass	3	219,800	11	9,308	36	23,150	36			19,388	1,304,945	1,608,224
Leavenworth, Kans	5	408,033	15	15,390	55	26,640	55			16,097	562,446	661,277
Lewiston, Me	3	48,200	5	3,100	11	5,400	11			1,601	128,600	155,742
Lexington, Ky	4	118,767	9	8,000	21	12,341	21			21,760	325,901	419,636
Lima, Ohio	4	50,750	4	3,449	15	6,500	15			2,994	163,954	184,742
Los Angeles, Cal	10	607,049	31	41,234	79	40,793	73	1	5	27,137	1,022,483	1,223,391
Louisville, Ky	6	507,260	27	31,980	116	57,882	114	2		107,041	1,586,737	1,824,575
Lowell, Mass	3	12,000	1	312	2	1,467	2			1,133	55,766	62,790
Milwaukee, Wis	7	1,385,374	53	69,243	267	143,209	266		1	238,261	5,804,264	6,357,983
Minneapolis, Minn	12	14,322,061	240	327,300	2,071	1,321,998	1,939	132		725,766	45,218,238	49,673,568
Mobile, Ala	3	62,000	7	6,140	23	8,500	23			4,505	403,996	454,144
Muncie, Ind	3	52,300	1	936	9	4,270	9			2,970	95,666	112,016
Nashville, Tenn	4	921,837	45	47,206	178	91,350	178			36,694	3,423,890	3,907,017
Newark, N. J	4	89,670	9	7,000	18	9,460	18			4,447	275,072	353,933
New Britain, Conn	3	60,069	1	394	5	2,604	5			757	57,625	71,739
New York, N. Y	11	8,230,518	90	158,862	543	314,765	478	65		239,731	7,887,151	8,813,487
Oakland, Cal	3	75,898	4	2,500	31	23,360	31			2,569	143,828	207,915
Omaha, Nebr	4	95,200	6	4,660	14	7,940	14			2,960	174,312	211,938
Oshkosh, Wis	3	32,400			14	7,668	14			3,254	95,924	116,224
Peoria, Ill	4	178,200	8	6,596	29	15,436	29			19,618	395,366	496,802
Philadelphia, Pa	17	340,595	15	15,510	71	40,398	71			21,660	1,215,265	1,380,063
Pittsfield, Mass	3	18,800			3	1,440	3			840	33,160	39,371
Portland, Me	4	34,600	1	1,000	5	3,280	6			1,980	109,256	126,552
Portland, Oreg	6	994,357	33	45,630	93	63,991	85	8		60,002	1,527,824	1,759,262
Quincy, Ill	5	199,655	7	5,268	36	18,605	36			9,507	315,239	368,218
Roanoke, Va	3	52,000	3	1,860	9	3,780	9			1,177	196,392	226,172
Rochester, N. Y	14	805,795	27	31,430	136	73,987	136			63,341	2,623,883	3,010,539
Rockford, Ill	4	50,000	6	3,664	14	7,136	14			2,635	83,578	100,746
Sacramento, Cal	3	515,250	20	26,650	62	55,862	62			17,583	946,571	1,128,536
Saginaw, Mich	4	194,700	11	9,000	35	19,664	35			7,475	345,953	412,962
St. Joseph, Mo	5	576,000	25	29,994	59	35,013	59			43,640	757,434	956,576
St. Louis, Mo	16	1,386,107	95	120,480	244	129,719	211	31	2	113,235	3,432,751	4,004,062
San Francisco, Cal	9	1,989,740	47	80,890	251	155,576	235	16		72,366	3,018,772	3,574,177
Scranton, Pa	4	335,000	8	11,940	35	17,722	35			11,175	394,608	461,790
Seattle, Wash	6	469,802	23	22,180	73	43,524	73			27,899	1,183,875	1,296,929
Sioux City, Iowa	5	220,979	16	15,328	53	21,053	53			17,094	641,713	752,203
South Bend, Ind	3	136,300	3	2,000	14	6,756	14			6,207	238,865	271,497
South Omaha, Nebr	3	15,550			2	900	2			510	33,746	44,190
Spokane, Wash	3	286,454	9	13,320	58	33,764	46	12		19,623	731,156	886,817
Springfield, Mo	4	190,800	8	8,710	54	23,360	54			9,184	848,830	985,398
Tacoma, Wash	5	594,852	20	36,135	123	68,642	123			35,963	1,144,997	1,398,408
Terre Haute, Ind	7	1,018,873	11	10,516	125	61,180	118	7		14,857	1,175,690	1,363,338
Toledo, Ohio	10	1,268,370	20	40,148	233	123,218	230	3		100,918	4,033,921	4,458,749
Topeka, Kans	10	725,372	45	51,974	135	70,942	128	7		59,590	1,920,457	2,188,034
Trenton, N. J	5	193,000	9	5,023	21	10,820	21			4,547	292,654	353,113
Warwick, R. I	3	57,200	1	624	8	2,968	8			6,652	97,988	119,120
Washington, D. C	9	198,065	18	13,450	84	30,848	84			18,167	537,690	632,754
Watertown, N. Y	5	273,634	11	11,860	27	12,939	25	2		9,135	278,429	329,753
Wichita, Kans	10	145,746	10	7,480	35	17,902	35			8,234	395,702	457,275

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

FLOURING AND GRIST MILL PRODUCTS—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Wilkesbarre, Pa	4	$121,884	11	$7,512	15	$7,467	15	-------	-------	$5,830	$119,814	$148,177
York, Pa	3	36,559	3	2,000	6	2,900	6	-------	-------	2,636	111,839	129,308
Zanesville, Ohio	7	131,791	4	2,225	19	10,175	18	1	-------	4,522	128,431	163,710
All other cities[1]	124	9,126,645	275	286,540	1,150	588,505	1,114	29	7	461,658	16,491,563	19,117,105

[1] Includes Akron, Ohio, 2; Albany, N. Y., 2; Allegheny, Pa., 1; Allentown, Pa., 1; Amsterdam, N. Y., 1; Atlanta, Ga., 1; Aurora, Ill., 2; Bay City, Mich., 2; Burlington, Iowa, 1; Charleston, S. C., 2; Cohoes, N. Y., 1; Council Bluffs, Iowa, 2; Covington, Ky., 1; Dallas, Tex., 2; Dubuque, Iowa, 1; Duluth, Minn., 2; East St. Louis, Ill., 2; Elgin, Ill., 2; Elizabeth, N. J., 1; Elmira, N. Y., 2; Fall River, Mass., 2; Fitchburg, Mass., 2; Gloucester, Mass., 1; Holyoke, Mass., 2; Houston, Tex., 2; Jersey City, N. J., 1; Johnstown, Pa., 1; Joplin, Mo., 2; Lancaster, Pa., 2; Lincoln, Nebr., 1; Lynn, Mass., 1; Macon, Ga., 1; Memphis, Tenn., 1; Meriden, Conn., 2; Muskegon, Mich., 1; Nashua, N. H., 1; New Albany, Ind., 2; New Bedford, Mass., 1; New Brunswick, N. J., 1; Newburg, N. Y., 2; Newcastle, Pa., 2; New Haven, Conn., 1; New Orleans, La., 1; Newport, Ky., 1; Newton, Mass., 1; Norfolk, Va., 2; Norristown, Pa., 2; North Adams, Mass., 2; Orange, N. J., 1; Oswego, N. Y., 1; Passaic, N. J., 1; Paterson, N. J., 1; Pawtucket, R. I., 1; Petersburg, Va., 2; Pittsburg, Pa., 2; Providence, R. I., 2; Pueblo, Colo., 1; Quincy, Mass., 1; Racine, Wis., 2; Reading, Pa., 1; Richmond, Va., 2; St. Paul, Minn., 1; Salt Lake City, Utah, 2; San Antonio, Tex., 2; San Jose, Cal., 2; Schenectady, N. Y., 2; Sheboygan, Wis., 1; Springfield, Ill., 1; Springfield, Ohio, 2; Superior, Wis., 1; Syracuse, N. Y., 1; Taunton, Mass., 1; Troy, N. Y., 2; Utica, N. Y., 2; Waco, Tex., 2; Waltham, Mass., 1; Waterbury, Conn., 1; Williamsport, Pa., 2; Wilmington, Del., 1; Wilmington, N. C., 1; Woonsocket, R. I., 2; Worcester, Mass., 2; Yonkers, N. Y., 1; Youngstown, Ohio, 1.

FOOD PREPARATIONS.

Total	472	$17,045,873	1,096	$1,138,092	6,346	$2,435,010	4,126	2,013	207	$2,508,070	$20,135,714	$31,342,236
Baltimore, Md	16	154,010	11	11,260	101	32,546	53	44	4	9,513	133,915	268,166
Boston, Mass	18	392,999	70	142,192	201	103,897	140	59	2	306,194	386,043	1,162,415
Buffalo, N. Y	5	464,700	34	18,640	193	66,258	78	115	-------	20,904	770,807	1,454,130
Cambridge, Mass	4	5,500	8	4,300	4	1,656	4	-------	-------	3,212	10,810	26,255
Chicago, Ill	45	1,451,985	102	86,896	553	248,092	419	116	18	203,960	2,080,089	3,022,585
Cincinnati, Ohio	4	46,101	6	4,800	61	15,497	16	41	4	6,973	42,492	90,783
Cleveland, Ohio	11	79,512	15	10,724	88	26,955	33	55	-------	10,373	93,832	176,806
Denver, Colo	7	26,240	-------	-------	67	24,085	61	6	-------	2,894	28,604	69,735
Des Moines, Iowa	3	2,500	1	180	2	890	1	1	-------	1,034	1,870	5,400
Detroit, Mich	5	95,767	7	7,852	26	10,872	23	3	-------	16,540	198,874	264,198
Indianapolis, Ind	5	124,245	4	6,500	85	37,528	52	32	1	25,047	179,417	281,360
Jersey City, N. J	8	580,562	52	85,254	219	90,566	121	84	14	123,464	379,551	721,050
Kansas City, Mo	3	8,845	1	200	7	3,760	5	1	1	665	5,484	14,779
Los Angeles, Cal	7	30,640	5	175	14	3,674	8	4	2	2,280	35,887	55,981
Louisville, Ky	5	3,425	1	500	4	758	1	-------	3	768	15,290	22,297
Lowell, Mass	3	6,650	1	1,000	7	1,288	1	1	5	655	4,491	9,099
Milwaukee, Wis	10	187,350	26	14,728	50	17,116	43	7	-------	36,225	106,923	203,909
Minneapolis, Minn	10	156,411	26	25,500	159	28,984	30	129	-------	102,310	415,122	585,864
Newark, N. J	8	432,121	16	19,208	47	25,514	46	-------	1	10,506	71,162	156,012
New Haven, Conn	3	103,439	11	7,144	41	16,108	9	32	-------	19,012	36,672	116,547
New Orleans, La	8	47,474	8	4,680	35	13,624	34	-------	1	2,471	41,904	86,605
New York, N. Y	87	1,980,790	188	206,257	1,133	436,599	812	316	5	323,537	2,698,556	4,442,717
Omaha, Nebr	3	154,435	39	35,400	20	8,900	20	-------	-------	36,512	79,084	211,534
Pawtucket, R. I	3	1,475	-------	-------	7	2,380	5	2	-------	646	5,869	12,700
Philadelphia, Pa	34	638,985	120	73,087	368	138,362	255	106	7	105,982	750,024	1,232,722
Pittsburg, Pa	3	55,000	1	780	39	12,232	24	15	-------	1,729	52,925	80,717
Providence, R. I	5	21,106	1	500	41	18,650	20	21	-------	2,089	87,443	119,700
Rochester, N. Y	3	12,780	2	980	1	300	1	-------	-------	2,832	9,065	17,100
St. Louis, Mo	22	670,093	94	116,571	331	132,645	244	73	14	86,227	797,586	1,290,260
St. Paul, Minn	7	19,582	6	4,700	24	6,362	14	10	-------	3,210	24,111	44,140
San Antonio, Tex	3	12,410	1	720	8	4,196	5	2	-------	1,131	17,098	27,650
San Francisco, Cal	27	267,373	19	14,090	197	95,009	188	8	1	20,743	365,231	674,095
Somerville, Mass	3	31,958	8	9,176	13	6,975	8	5	-------	3,806	52,719	116,572
Syracuse, N. Y	4	258,076	38	39,352	93	28,930	48	45	-------	137,136	455,499	790,249
Washington, D. C	5	33,032	5	2,964	30	13,540	23	2	5	26,661	131,331	191,483
Worcester, Mass	3	271,050	19	34,300	145	66,268	96	49	-------	227,574	235,172	658,730
All other cities[1]	72	8,217,252	152	147,482	1,932	693,994	1,184	629	119	623,255	9,334,762	12,637,891

[1] Includes Akron, Ohio, 1; Allegheny, Pa., 2; Austin, Tex., 1; Bay City, Mich., 1; Bloomington, Ill., 1; Bridgeport, Conn., 1; Camden, N. J., 1; Canton, Ohio, 1; Cedar Rapids, Iowa, 2; Chattanooga, Tenn., 1; Columbus, Ohio, 2; Council Bluffs, Iowa, 1; Davenport, Iowa, 1; Dayton, Ohio, 1; Elgin, Ill., 1; Fall River, Mass., 1; Galveston, Tex., 1; Gloucester, Mass., 1; Grand Rapids, Mich., 1; Hamilton, Ohio, 1; Harrisburg, Pa., 1; Hartford, Conn., 1; Haverhill, Mass., 2; Hoboken, N. J., 1; Houston, Tex., 2; Joliet, Ill., 1; Kalamazoo, Mich., 1; Lawrence, Mass., 1; Lewiston, Me., 1; Lincoln, Nebr., 1; Lynn, Mass., 1; Memphis, Tenn., 1; Nashville, Tenn., 2; Oakland, Cal., 2; Passaic, N. J., 1; Peoria, Ill., 2; Pittsfield, Mass., 1; Portland, Oreg., 1; Racine, Wis., 1; Reading, Pa., 1; Richmond, Va., 1; Sacramento, Cal., 2; St. Joseph, Mo., 2; Salem, Mass., 1; San Jose, Cal., 2; Scranton, Pa., 1; Sioux City, Iowa, 1; Springfield, Ill., 1; Springfield, Mo., 1; Springfield, Ohio, 1; Taunton, Mass., 1; Terre Haute, Ind., 1; Toledo, Ohio, 1; Topeka, Kans., 2; Trenton, N. J., 2; Utica, N. Y., 2; Wilmington, Del., 1; Youngstown, Ohio, 1.

FOUNDRY AND MACHINE SHOP PRODUCTS.

Total	5,349	$464,442,869	19,842	$23,221,111	245,677	$130,809,016	241,677	2,108	1,892	$31,305,835	$203,071,577	$456,893,558
Akron, Ohio	19	3,539,551	207	154,646	1,171	608,560	1,165	6	-------	244,777	745,852	2,094,789
Albany, N. Y	21	898,306	50	61,584	777	395,063	747	30	-------	35,078	311,624	949,248
Allegheny, Pa	35	6,557,760	231	211,180	2,935	1,670,132	2,879	-------	56	302,329	3,018,049	5,662,507
Allentown, Pa	13	878,895	29	24,596	616	328,232	616	-------	-------	21,333	630,681	1,242,589
Amsterdam, N. Y	11	559,790	9	18,837	278	142,754	270	8	-------	20,368	155,710	432,786
Anderson, Ind	7	325,300	24	19,000	268	184,750	263	-------	5	16,350	200,390	524,000
Atlanta, Ga	17	1,193,756	59	73,450	602	285,832	595	1	6	65,227	443,949	1,028,736
Auburn, N. Y	7	1,073,781	38	41,876	529	289,734	529	-------	-------	123,861	518,694	1,110,982
Aurora, Ill	11	1,322,363	98	105,113	1,046	466,035	1,045	-------	1	110,825	867,342	1,792,840
Austin, Tex	4	75,265	10	3,275	31	15,550	31	-------	-------	3,263	24,818	62,159

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

FOUNDRY AND MACHINE SHOP PRODUCTS—Continued.

CITIES.	Number of establishments.	Capital.	Salaried officials, clerks, etc.		Average number of wage-earners and total wages.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Baltimore, Md	74	$4,971,434	237	$270,711	3,375	$1,805,271	3,348	6	21	$403,105	$2,148,408	$6,119,973
Bangor, Me	5	424,708	29	32,215	168	87,402	168			19,628	115,932	290,300
Bay City, Mich	11	763,392	44	33,612	507	263,389	507			47,181	279,675	807,117
Binghamton, N. Y	11	623,389	32	27,982	236	117,267	236			36,681	137,088	396,240
Birmingham, Ala	16	1,314,620	65	82,449	873	339,866	873			76,093	701,043	1,418,236
Bloomington, Ill	7	285,095	24	21,560	168	77,390	168			5,207	79,118	261,780
Boston, Mass	197	9,604,392	573	640,283	4,680	2,611,868	4,646	29	5	696,010	3,712,975	9,371,928
Bridgeport, Conn	31	2,319,172	97	129,637	1,540	832,534	1,501	15	24	152,535	876,527	2,412,796
Brockton, Mass	16	280,097	15	16,098	125	87,000	125			11,735	56,247	250,077
Buffalo, N. Y	86	8,613,240	353	308,150	3,694	1,988,906	3,656	22	16	504,650	3,069,198	6,816,057
Burlington, Iowa	3	371,684	9	11,850	310	149,763	309		1	7,724	224,205	476,315
Cambridge, Mass	18	4,677,412	97	102,390	1,591	1,019,117	1,581	2	8	203,268	1,524,785	3,503,036
Camden, N. J	10	1,565,379	58	60,509	1,042	542,066	1,041		1	148,576	778,943	1,924,401
Canton, Ohio	16	611,760	35	28,854	446	201,482	434	12		31,481	281,646	692,680
Cedar Rapids, Iowa	8	319,752	16	17,320	105	46,200	103	2		9,281	80,107	192,450
Charleston, S. C	4	179,258	10	13,062	167	88,400	167			10,853	90,420	223,062
Chattanooga, Tenn	22	1,580,190	76	67,323	1,376	413,412	1,374		2	114,823	1,066,367	1,867,438
Chelsea, Mass	5	297,243	13	12,364	101	60,842	101			15,363	93,388	200,469
Chester, Pa	12	1,218,428	27	34,092	523	247,043	523			30,603	452,479	832,238
Chicago, Ill	441	36,356,168	2,164	2,467,859	20,641	11,264,544	20,008	349	284	3,579,406	20,070,516	44,561,071
Cincinnati, Ohio	154	10,363,917	683	642,303	6,680	3,211,423	6,603	60	17	964,178	4,963,461	11,705,778
Cleveland, Ohio	127	11,688,326	719	793,528	8,658	4,487,398	8,469	181	8	1,180,872	6,698,074	15,428,053
Clinton, Iowa	5	81,910	5	4,500	42	16,155	42			2,724	23,605	58,680
Cohoes, N. Y	10	438,112	21	20,879	265	142,351	261		4	16,467	140,147	396,872
Columbia, S. C	3	53,450	1	780	54	20,210	51		3	2,082	17,463	53,300
Columbus, Ohio	35	3,953,271	194	250,677	2,824	1,368,711	2,824			272,004	2,185,257	4,629,742
Covington, Ky	9	295,608	30	23,026	297	146,512	297			20,209	171,380	410,470
Dallas, Tex	8	916,064	26	35,757	265	135,900	265			24,950	316,030	672,720
Davenport, Iowa	11	632,970	45	48,607	494	205,046	436	6	52	45,865	597,610	1,008,837
Dayton, Ohio	37	4,633,290	169	207,676	2,880	1,517,988	2,822	56	2	366,481	2,499,763	4,994,984
Decatur, Ill	6	113,086	12	10,700	195	90,944	195			5,869	57,216	225,827
Denver, Colo	45	1,916,622	83	114,149	1,169	722,330	1,164	3	2	171,539	1,061,920	2,362,802
Des Moines, Iowa	12	376,600	34	29,932	184	97,918	183		1	18,316	244,954	439,872
Detroit, Mich	74	9,220,842	540	574,723	5,933	2,883,453	5,750	66	117	694,085	3,379,132	8,943,311
Dubuque, Iowa	9	312,188	22	15,570	144	62,858	141		3	14,068	114,538	244,774
Duluth, Minn	8	273,442	37	29,980	303	195,008	302		1	18,595	194,227	475,848
East St. Louis, Ill	3	901,033	23	37,028	867	432,725	862	5		41,451	662,208	1,267,812
Elgin, Ill	7	143,028	9	10,220	147	74,977	147			9,530	77,443	194,367
Elizabeth, N. J	16	4,292,150	211	297,023	1,960	1,153,312	1,941	19		451,042	2,092,693	4,444,034
Elmira, N. Y	6	329,035	16	19,875	177	97,141	176		1	24,938	112,744	276,433
Erie, Pa	41	9,075,309	259	293,911	3,702	1,969,136	3,641		61	319,759	2,854,320	6,541,349
Evansville, Ind	12	830,106	57	71,654	477	252,533	477			32,702	273,977	744,900
Everett, Mass	4	122,865	5	8,250	88	43,259	88			10,788	63,242	169,995
Fall River, Mass	32	653,042	37	41,584	623	326,861	546	68	9	42,374	365,366	932,873
Fitchburg, Mass	26	1,852,346	52	55,563	883	469,106	881	1	1	97,108	477,002	1,328,008
Fort Wayne, Ind	12	2,120,202	54	59,581	872	388,558	872			101,239	889,471	1,695,129
Fort Worth, Tex	4	89,469	4	3,960	69	35,348	69			6,123	30,098	101,088
Galveston, Tex	6	109,350	3	3,200	53	36,868	53			3,129	44,222	111,160
Gloucester, Mass	8	279,355	6	6,316	95	57,680	95			8,637	91,780	215,773
Grand Rapids, Mich	28	1,368,100	106	71,346	870	381,945	861	9		124,788	494,224	1,240,690
Hamilton, Ohio	16	4,567,846	100	142,697	2,700	1,323,986	2,685	3	12	196,429	1,333,034	3,945,570
Harrisburg, Pa	6	1,271,225	42	56,376	579	260,600	564	9	6	48,174	373,529	840,914
Hartford, Conn	36	6,666,056	156	295,468	2,603	1,538,313	2,550	44	9	185,723	1,373,585	3,718,608
Haverhill, Mass	8	40,900	5	3,480	29	20,575	29			3,718	23,492	61,813
Hoboken, N. J	15	1,238,745	55	79,703	913	561,585	913			115,761	662,243	1,591,304
Holyoke, Mass	18	1,692,863	53	68,268	946	545,764	925	14	7	146,113	625,368	1,828,444
Houston, Tex	6	297,705	10	15,040	135	75,507	135			9,336	196,129	319,543
Indianapolis, Ind	56	4,591,761	242	275,184	3,726	1,691,742	3,692	9	25	535,924	2,660,821	5,733,469
Jackson, Mich	11	334,674	30	29,570	185	87,555	171	14		22,623	114,724	279,008
Jacksonville, Fla	3	70,663	7	5,776	37	21,738	37			4,768	17,627	62,400
Jamestown, N. Y	9	966,568	49	84,116	368	196,200	361		7	123,955	316,270	739,701
Jersey City, N. J	30	2,930,064	130	157,744	1,029	575,212	998	30	1	132,184	725,379	1,812,626
Johnstown, Pa	5	2,526,591	90	100,231	663	396,780	634	8	21	66,890	1,140,123	1,960,255
Joliet, Ill	11	634,322	35	44,709	481	265,115	474	7		63,277	332,648	794,692
Joplin, Mo	11	310,100	7	5,640	243	157,758	243			3,151	326,335	592,421
Kalamazoo, Mich	17	486,807	92	81,748	462	213,425	462			43,516	301,569	751,771
Kansas City, Kans	6	687,523	21	19,522	290	223,155	288		2	23,068	415,097	776,308
Kansas City, Mo	33	477,407	41	48,649	428	249,549	426	1	1	40,756	518,804	1,042,448
Kingston, N. Y	5	167,530	5	3,620	86	44,721	86			5,521	51,875	134,800
Knoxville, Tenn	11	140,625	8	5,460	169	53,920	168		1	7,530	90,854	230,724
La Crosse, Wis	8	244,759	4	5,450	108	51,925	108			7,989	81,194	192,150
Lancaster, Pa	19	445,087	33	25,603	232	92,955	230		2	12,894	153,396	362,394
Lawrence, Mass	26	1,647,708	65	66,278	822	429,569	757	64	1	70,203	566,377	1,333,833
Leavenworth, Kans	6	824,216	58	76,711	320	197,381	320			52,553	393,630	810,715
Lewiston, Me	4	135,391	4	4,768	95	36,149	95			3,735	37,112	88,893

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

FOUNDRY AND MACHINE SHOP PRODUCTS—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Lexington, Ky	4	$24,263	4	$3,630	20	$6,532	19		1	$1,739	$5,978	$22,384
Lima, Ohio	6	456,159	15	13,502	225	131,595	225			12,663	142,549	396,923
Lincoln, Nebr	8	53,775	1	400	37	18,750	36		1	3,391	20,750	58,975
Little Rock, Ark	4	180,165	20	17,836	126	57,500	126			13,617	63,540	180,442
Los Angeles, Cal	34	1,021,034	77	69,820	552	359,920	549	1	2	106,259	770,371	1,545,406
Louisville, Ky	38	2,552,335	158	181,411	2,016	812,469	2,008		8	194,882	1,484,371	3,233,222
Lowell, Mass	47	6,144,897	98	158,494	2,938	1,477,419	2,921	12	5	400,289	1,601,056	4,258,047
Lynn, Mass	28	561,820	35	32,296	441	248,806	441			46,892	263,540	858,564
McKeesport, Pa	5	38,987	3	3,922	36	14,985	36			1,954	37,431	69,774
Macon, Ga	3	257,795	13	18,420	167	65,000	167			7,633	183,358	289,173
Manchester, N. H	9	556,613	17	23,230	422	202,305	412	10		22,090	241,876	511,208
Memphis, Tenn	15	1,070,970	23	33,345	764	350,625	761		3	53,682	495,623	1,078,713
Meriden, Conn	5	291,443	9	9,042	148	80,702	143	5		16,639	80,144	293,097
Milwaukee, Wis	78	14,726,149	459	657,324	7,647	3,990,347	7,393	9	245	1,295,497	6,619,173	14,495,362
Minneapolis, Minn	62	1,642,754	155	136,325	1,309	558,418	1,294	12	3	161,049	1,142,298	2,570,601
Mobile, Ala	7	185,300	11	10,580	252	120,830	249		3	8,127	108,100	304,487
Montgomery, Ala	5	188,878	8	7,360	87	34,500	87			6,554	76,837	167,340
Muncie, Ind	6	528,981	26	34,881	522	178,904	494	28		41,724	189,858	504,897
Muskegon, Mich	4	152,472	12	11,319	99	39,946	99			5,811	57,522	127,441
Nashua, N. H	12	692,713	38	35,927	567	255,172	567			64,194	323,823	847,834
Nashville, Tenn	13	113,000	13	12,400	141	68,850	141			7,516	81,648	222,429
New Albany, Ind	9	347,774	28	25,878	364	151,781	364			37,269	254,391	545,052
Newark, N. J	93	5,434,470	268	377,338	3,031	1,568,900	2,873	106	52	274,641	2,218,197	5,536,893
New Bedford, Mass	17	370,204	25	21,915	196	123,574	184	12		17,242	203,461	424,810
New Britain, Conn	8	720,825	31	40,589	540	269,007	534	6		53,716	167,941	676,571
New Brunswick, N. J	10	503,829	24	30,328	327	145,529	317	9	1	41,699	143,567	411,567
Newburg, N. Y	7	838,397	29	28,963	310	180,678	310			54,615	232,813	543,356
Newcastle, Pa	6	620,319	16	13,618	312	176,190	312			34,886	364,138	678,325
New Haven, Conn	34	2,305,630	91	108,550	911	506,984	903	6	2	84,865	742,883	1,716,028
New Orleans, La	39	2,235,868	84	120,593	1,015	525,783	1,013		2	72,313	1,092,119	2,199,854
Newport, Ky	4	246,111	8	6,157	197	122,124	197			13,796	241,877	414,962
New York, N. Y	589	48,092,891	1,904	2,418,331	19,560	11,397,201	19,237	271	52	3,808,701	16,034,336	41,089,475
Norfolk, Va	7	176,460	12	13,690	175	83,514	175			9,932	113,651	299,488
Norristown, Pa	9	322,601	14	15,276	237	115,253	236	1		7,943	165,055	348,328
North Adams, Mass	4	226,648	15	20,573	192	104,999	192			50,622	139,734	347,410
Oakland, Cal	12	326,276	20	21,809	230	120,501	229		1	11,190	186,835	399,416
Omaha, Nebr	7	72,850	7	4,740	81	42,590	79		2	6,056	116,599	204,634
Oshkosh, Wis	11	364,516	14	13,835	186	80,484	179	6	1	20,623	134,832	294,963
Oswego, N. Y	11	1,297,418	46	49,917	600	265,428	596	1	3	63,181	404,459	944,490
Passaic, N. J	6	122,642	4	7,920	64	36,471	64			3,093	111,198	175,331
Paterson, N. J	37	6,668,425	169	234,295	3,854	1,844,745	3,588	175	91	265,856	3,101,886	5,906,517
Pawtucket, R. I	23	1,627,380	45	66,514	1,013	560,861	1,012	1		76,515	855,405	1,833,379
Peoria, Ill	22	634,160	74	59,813	405	199,668	400		5	88,137	546,353	1,025,373
Petersburg, Va	4	88,200	7	5,580	155	67,140	155			3,967	29,814	140,850
Philadelphia, Pa	370	45,935,567	1,575	1,807,479	19,643	11,176,259	19,438	40	165	2,083,940	18,551,390	38,372,971
Pittsburg, Pa	83	14,897,525	448	564,233	6,359	3,609,721	6,290	15	54	755,411	8,165,696	15,545,561
Pittsfield, Mass	4	180,688	9	12,114	100	57,577	100			16,318	85,285	192,950
Portland, Me	18	985,587	36	42,408	528	257,801	525	3		27,481	268,219	683,528
Portland, Oreg	22	571,656	36	39,740	264	155,515	262	1	1	21,166	215,658	578,957
Poughkeepsie, N. Y	9	423,921	15	19,248	242	135,102	242			20,897	283,640	527,710
Providence, R. I	82	12,638,246	400	569,104	6,276	3,368,215	6,176	61	39	698,658	3,809,831	9,437,251
Pueblo, Colo	7	529,246	17	11,584	441	251,860	441			36,501	413,532	1,183,903
Quincy, Ill	21	1,555,326	104	105,516	947	517,360	945		2	156,436	577,314	1,614,563
Quincy, Mass	4	59,252	4	9,000	82	52,574	82			3,158	34,246	104,926
Racine, Wis	15	724,335	36	31,392	563	241,576	548		15	37,623	458,665	849,455
Reading, Pa	27	2,799,240	99	90,705	1,572	681,574	1,565		7	123,718	1,269,309	2,437,355
Richmond, Va	18	5,164,103	85	86,706	1,551	774,628	1,480		71	104,920	1,559,393	2,594,186
Rochester, N. Y	73	4,206,826	208	257,685	1,885	1,020,690	1,877		8	582,942	1,333,904	4,036,479
Rockford, Ill	17	1,108,332	38	39,467	678	309,087	678			37,259	318,904	901,454
Sacramento, Cal	6	88,100	2	2,400	96	65,945	96			22,253	206,410	342,843
Saginaw, Mich	10	1,093,773	70	88,721	575	285,750	572		3	100,815	721,305	1,256,183
St. Joseph, Mo	11	194,533	13	11,920	127	60,640	127			5,523	88,798	260,465
St. Louis, Mo	139	9,582,677	631	737,526	5,503	3,056,856	5,426	4	73	834,848	5,134,497	11,628,140
St. Paul, Minn	25	1,529,715	72	90,987	997	515,928	996		1	90,784	1,018,266	2,046,937
Salem, Mass	11	157,399	6	4,300	81	48,803	81			4,704	70,600	160,253
Salt Lake City, Utah	9	178,719	7	9,912	127	81,322	127			2,921	51,920	180,587
San Antonio, Tex	6	236,132	25	27,324	216	110,635	213		3	9,162	133,452	331,215
San Francisco, Cal	102	5,225,591	320	393,953	3,202	2,135,048	3,146		56	704,074	3,728,365	8,366,967
San Jose, Cal	12	168,390	13	9,900	110	61,756	110			10,094	132,519	289,733
Savannah, Ga	6	276,282	8	11,050	230	98,385	230			12,523	89,786	275,738
Schenectady, N. Y	4	3,587,069	52	77,589	2,302	1,494,190	2,302			84,161	3,209,395	5,207,586
Scranton, Pa	13	3,953,580	52	90,994	1,381	706,787	1,368		13	217,320	853,604	1,755,909
Seattle, Wash	34	624,345	46	38,715	425	319,534	425			47,081	457,425	1,142,941
Sheboygan, Wis	4	152,469	5	7,147	86	32,997	86			3,752	34,659	99,278
Sioux City, Iowa	10	59,805	13	10,616	105	42,478	105			9,884	60,215	153,475

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

FOUNDRY AND MACHINE SHOP PRODUCTS—Continued

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
South Bend, Ind	10	$454,669	27	$19,244	302	$132,994	302			$29,554	$1,193,281	$1,531,754
Spokane, Wash	5	132,643	10	10,680	97	67,594	97			7,132	96,297	202,946
Springfield, Ill	6	245,656	9	6,224	178	93,217	178			31,888	106,950	266,536
Springfield, Mass	25	1,687,390	56	68,942	766	423,739	760	6		83,011	547,241	1,482,742
Springfield, Ohio	30	2,772,036	137	160,262	2,197	1,084,681	2,175	12	10	249,080	1,205,057	3,097,910
Superior, Wis	8	444,051	7	8,266	117	69,074	117			12,163	100,230	218,296
Syracuse, N. Y	40	2,680,935	137	134,280	1,403	676,113	1,393	8	2	142,864	939,208	2,216,221
Tacoma, Wash	11	456,969	21	20,330	338	177,238	333	1	4	15,829	257,953	540,675
Taunton, Mass	14	2,679,203	91	121,158	1,684	990,586	1,679	5		200,531	883,516	2,636,390
Terre Haute, Ind	12	299,168	22	24,118	207	96,605	206	1		18,598	182,024	404,128
Toledo, Ohio	27	1,945,058	139	117,843	1,991	970,143	1,990		1	243,170	1,130,157	2,715,613
Topeka, Kans	7	123,025	5	2,492	91	40,816	90		1	5,528	55,266	127,875
Trenton, N. J	17	620,757	40	56,937	634	281,732	609	19	6	16,041	419,012	894,239
Troy, N. Y	24	2,736,306	90	116,082	971	558,006	971			129,482	625,309	1,777,543
Utica, N. Y	16	811,577	46	56,233	486	205,109	478	8		85,322	605,867	1,101,826
Waco, Tex	5	38,050	3	2,700	33	23,270	33			1,948	13,122	44,168
Waltham, Mass	8	391,850	10	15,271	267	141,816	260	7		9,828	95,651	320,371
Warwick, R. I	8	232,608	6	6,850	146	55,697	137	9		3,306	60,601	156,734
Washington, D. C[1]	22	1,438,779	25	31,855	320	187,919	320			153,228	263,107	775,916
Waterbury, Conn	12	563,267	44	67,872	720	401,241	718		2	44,193	227,361	990,993
Watertown, N. Y	8	3,594,582	34	63,800	1,347	744,924	1,345		2	59,229	1,358,875	2,352,945
Wheeling, W. Va	10	181,757	14	12,693	120	66,609	120			8,223	56,866	213,495
Wichita, Kans	8	64,634	6	2,526	41	18,730	40		1	4,897	41,194	95,915
Wilkesbarre, Pa	5	1,165,209	43	55,455	574	265,200	574			25,115	428,116	865,726
Williamsport, Pa	15	608,652	36	28,548	418	186,591	411		7	20,169	429,076	747,617
Wilmington, Del	21	3,619,425	126	185,640	2,009	941,315	1,996	4	9	101,764	1,634,906	3,299,509
Woonsocket, R. I	16	896,003	31	38,850	977	493,606	932	45		122,109	423,757	1,271,057
Worcester, Mass	90	9,044,947	249	443,058	4,777	2,751,857	4,739	29	9	586,696	3,621,439	8,492,686
Yonkers, N. Y	12	1,012,892	63	48,945	595	352,114	595			70,565	798,207	1,381,903
York, Pa	11	2,544,619	62	63,030	1,591	661,779	1,568		23	151,026	1,405,645	2,654,772
Youngstown, Ohio	12	1,460,340	65	74,341	789	430,828	789			95,375	865,825	1,800,001
Zanesville, Ohio	6	353,698	15	13,218	150	70,281	150			11,584	64,382	172,231
All other cities[2]	29	1,532,184	63	90,261	1,336	662,782	1,322		14	61,683	1,227,529	2,451,350

[1] Includes governmental establishments, 16.
[2] Includes Altoona, Pa., 2; Augusta, Ga., 2; Bayonne, N. J., 2; Butte, Mont., 2; Council Bluffs, Iowa, 2; Easton, Pa., 2; East Orange, N. J., 1; Malden, Mass., 2; Newton, Mass., 2; Orange, N. J., 2; Roanoke, Va., 2; Shenandoah, Pa., 1; Somerville, Mass., 2; Springfield, Mo., 2; West Hoboken, N. J., 1; Wilmington, N. C., 2.

FURNISHING GOODS, MEN'S.

Total	418	$17,358,305	1,912	$1,812,008	25,302	$8,143,181	3,773	21,201	328	$2,243,531	$21,052,139	$38,858,502
Baltimore, Md	16	617,002	103	88,625	1,891	456,052	85	1,779	27	57,344	916,222	1,729,676
Boston, Mass	8	279,750	38	48,554	391	146,286	65	325	1	53,346	504,495	812,634
Chicago, Ill	30	985,709	148	130,379	1,744	531,484	132	1,515	97	162,049	2,045,181	3,334,659
Cincinnati, Ohio	6	66,650	18	7,593	178	43,964	43	135		5,163	97,209	248,680
Cleveland, Ohio	3	20,150	105	10,956	22	6,500	3	19		3,092	34,023	73,001
Detroit, Mich	3	75,575	15	11,024	126	22,153	16	110		3,890	50,894	161,200
Indianapolis, Ind	3	1,875	1	50	7	2,731	2	5		189	1,405	6,956
Milwaukee, Wis	3	17,379			12	2,782	4	7	1	1,280	11,176	19,500
New York, N. Y	223	7,675,454	884	920,024	7,947	2,845,239	1,452	6,448	47	1,088,026	11,065,190	18,716,313
Philadelphia, Pa	32	642,568	123	131,791	988	301,437	162	797	29	57,180	1,308,985	2,057,686
Rochester, N. Y	5	250,155	34	29,083	258	75,273	32	219	7	14,529	323,665	511,642
St. Louis, Mo	8	166,691	32	28,720	147	44,754	18	124	5	23,024	172,562	315,600
San Francisco, Cal	15	276,315	53	38,280	582	130,186	410	160	12	29,256	361,480	657,885
Troy, N. Y	21	5,741,836	288	314,690	10,125	3,288,573	1,223	8,814	88	689,188	3,300,716	8,685,676
All other cities[1]	42	541,196	70	52,239	884	245,767	126	744	14	55,975	858,936	1,527,394

[1] Includes Albany, N. Y., 2; Atlanta, Ga., 1; Aurora, Ill., 2; Camden, N. J., 1; Charleston, S. C., 1; Chelsea, Mass., 1; Columbus, Ohio, 1; Des Moines, Iowa, 2; Harrisburg, Pa., 2; Jersey City, N. J., 2; Kansas City, Kans., 1; Los Angeles, Cal., 2; Louisville, Ky., 1; Memphis, Tenn., 1; Minneapolis, Minn., 2; Nashville, Tenn., 2; Newark, N. J., 1; New Orleans, La., 1; Paterson, N. J., 2; Pittsburg, Pa., 2; Reading, Pa., 2; Rockford, Ill., 1; Salt Lake City, Utah, 1; Springfield, Ohio, 1; Syracuse, N. Y., 2; Williamsport, Pa., 2; Woonsocket, R. I., 1; Yonkers, N. Y., 1; York, Pa., 1.

FURNITURE, FACTORY PRODUCT.

Total	1,133	$67,641,323	4,500	$4,685,450	56,355	$24,775,307	53,649	1,068	1,638	$6,518,792	$37,381,177	$86,222,242
Allegheny, Pa	3	32,547	3	2,247	39	21,823	89			3,665	61,817	107,833
Allentown, Pa	6	402,458	35	32,506	398	156,970	369	10	19	22,659	147,022	398,607
Atlanta, Ga	5	781,685	31	45,460	533	173,550	508		25	73,870	277,200	703,500
Baltimore, Md	36	1,417,378	129	111,959	1,627	745,364	1,514	19	94	145,996	1,096,784	2,690,610
Binghamton, N. Y	3	315,926	24	22,400	398	165,782	378	17	3	5,703	191,557	461,681
Boston, Mass	50	1,248,021	120	140,003	1,032	614,174	952	79	1	795,491	993,228	2,849,734
Buffalo, N. Y	18	2,329,454	73	84,474	1,126	453,886	1,082	14	30	81,676	720,105	1,644,671
Burlington, Iowa	6	332,921	41	24,124	237	75,887	206	8	23	17,661	177,656	332,935
Cambridge, Mass	10	552,622	31	50,549	435	310,399	423	8	4	50,961	220,084	692,245
Canton, Ohio	5	382,315	27	34,020	236	110,926	236			22,201	86,754	352,031

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

FURNITURE, FACTORY PRODUCT—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Cedar Rapids, Iowa	5	$100,413	13	$12,840	123	$38,545	107	1	15	$12,619	$120,540	$270,450
Chattanooga, Tenn	3	327,500	15	15,848	234	75,387	230	1	3	26,039	133,566	277,525
Chicago, Ill	114	8,014,498	720	739,447	7,843	3,651,470	7,486	67	290	753,172	5,323,841	12,344,510
Cincinnati, Ohio	54	3,817,295	240	216,149	2,355	966,162	2,318	36	1	194,789	1,563,651	3,594,196
Cleveland, Ohio	18	968,884	59	64,300	420	213,410	409	3	8	51,328	510,501	1,029,569
Clinton, Iowa	4	155,469	14	15,682	136	41,397	120	5	11	14,120	113,011	202,600
Columbus, Ohio	4	264,599	33	23,716	213	66,865	177	16	20	29,875	205,388	427,530
Dayton, Ohio	9	805,719	34	31,165	403	130,701	385	2	16	37,343	285,034	528,248
Denver, Colo	3	56,850	5	5,500	48	30,842	47	1	-------	4,887	59,346	122,555
Des Moines, Iowa	3	161,810	11	12,565	107	47,443	98	9	-------	24,078	225,026	338,759
Detroit, Mich	22	1,419,554	135	137,181	1,404	541,706	1,273	37	94	147,301	796,269	1,865,280
Dubuque, Iowa	4	105,501	10	6,770	130	43,543	124	-------	6	4,630	39,674	99,538
Evansville, Ind	18	759,875	75	68,994	927	265,335	899	11	17	31,501	452,583	977,675
Everett, Mass	3	55,109	7	9,300	27	22,050	27	-------	-------	6,424	34,675	94,000
Fort Wayne, Ind	3	30,000	1	900	47	18,926	45	-------	2	2,378	18,474	44,152
Grand Rapids, Mich	34	8,361,964	323	418,299	6,236	2,581,667	6,126	44	66	433,016	3,344,888	7,494,607
Indianapolis, Ind	22	1,366,919	119	105,810	1,182	456,641	1,135	18	29	127,250	806,568	1,685,827
Jamestown, N. Y	20	1,469,676	87	91,950	1,209	548,279	1,193	8	8	160,329	636,537	1,642,762
Kalamazoo, Mich	4	7,575	-------	-------	10	5,282	10	-------	-------	865	5,352	15,400
Kansas City, Mo	7	137,966	15	15,670	102	51,001	85	5	12	12,770	128,755	245,699
Knoxville, Tenn	4	183,600	15	14,460	285	80,459	254	-------	31	21,901	117,581	289,776
La Crosse, Wis	3	63,200	2	1,320	86	30,608	84	2	-------	37,663	35,078	119,641
Leavenworth, Kans	4	201,831	25	17,882	159	50,216	132	-------	27	16,404	113,212	235,843
Los Angeles, Cal	8	106,081	19	7,429	105	47,381	93	9	3	12,534	125,555	230,472
Louisville, Ky	16	480,783	30	19,737	603	217,210	586	-------	17	45,552	296,997	705,517
Lowell, Mass	3	29,900	1	468	45	16,800	44	1	-------	3,739	19,209	52,800
Memphis, Tenn	3	218,701	19	22,620	186	64,255	151	-------	35	25,862	140,865	272,682
Milwaukee, Wis	21	1,227,719	94	91,288	1,079	437,790	1,041	5	33	119,928	661,582	1,485,503
Minneapolis, Minn	12	749,867	53	54,494	536	217,991	530	2	4	56,833	384,800	827,286
Muskegon, Mich	4	272,605	12	9,840	263	93,384	248	2	13	13,718	119,436	267,644
Nashua, N. H	4	82,700	4	2,453	46	18,093	46	-------	-------	5,633	14,854	47,435
New Albany, Ind	3	192,875	7	4,750	137	51,800	136	1	-------	7,039	87,596	183,000
Newark, N. J	7	102,585	8	3,872	123	75,547	120	2	1	9,323	52,386	197,775
Newburg, N. Y	4	26,500	5	2,938	57	21,806	57	-------	-------	2,528	15,277	55,345
New Haven, Conn	4	144,039	18	15,372	50	25,100	49	1	-------	13,975	140,775	245,495
New Orleans, La	6	256,420	17	11,260	238	78,152	237	-------	1	19,374	135,109	312,923
New York, N. Y	187	7,274,874	517	599,950	6,760	3,895,536	6,574	179	7	1,146,815	5,581,780	13,246,405
Omaha, Nebr	3	37,200	7	6,000	63	24,744	54	9	-------	2,673	76,396	130,600
Oshkosh, Wis	4	784,676	23	36,125	630	209,307	518	70	42	40,413	340,881	720,826
Peoria, Ill	3	34,050	-------	-------	53	28,565	53	-------	-------	2,761	50,126	91,220
Philadelphia, Pa	77	3,102,995	162	201,185	2,391	1,240,940	2,342	18	31	233,359	1,912,327	4,416,703
Pittsburg, Pa	6	59,429	26	5,500	71	41,964	69	2	-------	7,373	42,718	136,645
Portland, Me	4	171,365	18	20,266	144	49,299	139	5	-------	16,547	205,312	332,500
Portland, Oreg	7	224,945	11	10,340	142	56,719	139	3	-------	10,293	139,224	225,293
Quincy, Ill	3	48,310	8	1,850	41	17,443	41	-------	-------	2,919	23,278	54,127
Rochester, N. Y	22	1,493,471	131	152,737	1,491	569,243	1,419	13	59	140,505	744,027	2,069,972
Rockford, Ill	11	1,551,024	67	67,046	1,377	569,856	1,338	-------	39	179,263	827,604	1,811,862
Sacramento, Cal	3	42,200	5	1,980	48	28,685	46	1	1	5,662	45,010	101,044
Saginaw, Mich	4	92,077	6	6,000	92	36,187	90	2	-------	7,212	58,738	131,280
St. Louis, Mo	40	2,759,567	230	247,289	2,283	995,997	2,097	70	116	195,040	1,367,227	3,268,765
St. Paul, Minn	8	287,273	31	26,980	225	94,556	223	2	-------	40,594	269,910	517,289
Salt Lake City, Utah	3	8,830	1	330	34	17,809	30	4	-------	3,364	17,315	42,732
San Francisco, Cal	22	348,225	33	32,976	496	270,011	462	25	9	58,458	395,526	880,363
Seattle, Wash	8	71,500	10	3,998	66	38,175	60	2	4	13,184	55,867	146,873
Sheboygan, Wis	11	3,536,462	96	129,455	3,164	942,376	2,774	117	273	321,387	1,480,832	3,189,045
Syracuse, N. Y	8	435,278	23	23,150	322	150,362	307	13	2	27,589	210,167	553,573
Tacoma, Wash	4	155,750	10	10,020	147	56,149	139	6	2	8,676	128,100	265,740
Toledo, Ohio	8	359,537	61	36,594	342	148,233	330	-------	12	50,166	129,065	418,337
Trenton, N. J	4	94,649	16	13,377	95	40,983	92	3	-------	11,798	48,427	129,323
Williamsport, Pa	8	555,893	35	30,863	373	123,287	351	-------	22	20,337	287,667	508,223
York, Pa	3	66,357	2	512	81	35,528	81	-------	-------	2,524	40,244	158,500
All other cities[1]	73	3,523,477	218	200,916	2,209	941,345	2,072	80	57	263,277	1,667,211	3,611,136

[1] Includes Albany, N. Y., 1; Altoona, Pa., 1; Anderson, Ind., 1; Aurora, Ill., 1; Birmingham, Ala., 1; Bloomington, Ill., 1; Camden, N. J., 2; Chelsea, Mass., 1; Cohoes, N. Y., 1; Covington, Ky., 2; Davenport, Iowa, 1; Duluth, Minn., 2; Elgin, Ill., 1; Erie, Pa., 1; Fort Worth, Tex., 1; Hartford, Conn., 2; Hoboken, N. J., 2; Houston, Tex., 2; Jersey City, N. J., 1; Johnstown, Pa., 1; Joliet, Ill., 2; Kansas City, Kans., 2; Kingston, N. Y., 1; Lancaster, Pa., 1; Lima, Ohio, 2; Lincoln, Nebr., 1; Little Rock, Ark., 1; Macon, Ga., 2; Manchester, N. H., 1; Muncie, Ind., 1; Nashville, Tenn., 2; New Bedford, Mass., 2; Paterson, N. J., 1; Poughkeepsie, N. Y., 2; Providence, R. I., 2; Racine, Wis., 2; Richmond, Va., 1; Roanoke, Va., 1; St. Joseph, Mo., 1; San Jose, Cal., 2; Scranton, Pa., 1; Somerville, Mass., 1; South Bend, Ind., 1; Springfield, Mo., 2; Springfield, Ohio, 2; Superior, Wis., 1; Terre Haute, Ind., 1; Troy, N. Y., 1; Utica, N. Y., 1; Waco, Tex., 1; Wichita, Kans., 1; Wilkesbarre, Pa., 1; Wilmington, Del., 1; Worcester, Mass., 1; Zanesville, Ohio, 1.

HARDWARE.

Total	262	$29,349,845	1,267	$1,456,248	19,669	$8,426,149	16,925	1,896	848	$1,992,442	$11,141,060	$26,895,573
Allegheny, Pa	3	356,025	8	13,500	251	63,516	91	100	60	3,710	195,658	355,810
Baltimore, Md	9	96,518	2	2,468	60	19,511	57	-------	3	3,053	86,176	156,112
Boston, Mass	5	96,146	6	5,126	89	40,006	73	2	14	11,255	55,276	123,044
Bridgeport, Conn	5	536,602	29	37,405	430	190,506	383	47	-------	27,451	320,071	642,920
Buffalo, N. Y	4	328,738	25	21,550	406	163,539	370	36	-------	16,418	258,304	412,036

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

HARDWARE—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Chicago, Ill	35	$2,118,311	126	$208,051	1,146	$588,326	1,035	76	35	$266,934	$1,120,380	$2,457,965
Cincinnati, Ohio	10	610,805	32	37,706	428	172,836	403	10	15	47,640	269,785	631,862
Cleveland, Ohio	7	1,457,340	61	79,273	1,648	709,498	1,506	112	30	211,451	483,422	1,653,374
Detroit, Mich	5	36,253	7	5,160	31	9,558	21	5	5	3,353	14,334	41,594
Lancaster, Pa	3	61,850	4	2,450	78	30,250	71	7	-------	1,913	63,377	132,000
Meriden, Conn	6	3,145,052	43	68,293	1,102	541,314	887	213	2	125,159	635,153	1,619,149
Newark, N. J	19	795,785	48	57,220	792	321,373	693	24	75	50,893	449,952	1,013,409
New Britain, Conn	7	7,648,350	264	287,947	4,111	1,841,335	3,396	584	131	437,327	2,483,300	5,796,636
New Haven, Conn	12	2,727,971	95	105,056	2,110	878,044	1,761	289	60	221,183	864,785	2,218,032
New York, N. Y	32	898,853	73	90,115	703	336,939	626	69	8	76,940	532,668	1,313,490
Philadelphia, Pa	22	2,369,329	81	60,520	1,273	595,482	1,193	43	37	145,882	594,225	1,761,875
Providence, R. I	5	167,737	8	3,568	44	17,040	41	3	-------	2,401	69,650	109,156
Racine, Wis	3	56,372	8	6,520	57	14,223	48	4	5	5,033	28,662	66,965
Reading, Pa	4	1,734,544	119	98,284	1,587	600,861	1,280	80	227	39,237	562,569	1,611,268
Rochester, N. Y	4	356,699	24	24,320	141	69,980	140	-------	1	19,639	66,017	217,120
St. Louis, Mo	4	361,919	17	36,300	495	156,050	495	-------	-------	17,495	234,261	718,065
Worcester, Mass	3	378,248	6	9,294	183	81,767	140	1	42	42,818	60,096	217,710
All other cities[1]	55	3,010,398	181	196,122	2,504	984,195	2,215	191	98	215,257	1,692,939	3,625,981

[1] Includes Akron, Ohio, 1; Albany, N. Y., 1; Auburn, N. Y., 1; Aurora, Ill., 2; Bay City, Mich., 1; Bayonne, N. J., 1; Binghamton, N. Y., 1; Cambridge, Mass., 1; Camden, N. J., 2; Canton, Ohio, 1; Clinton, Iowa, 1; Columbus, Ohio, 1; Denver, Colo., 1; Dubuque, Iowa, 2; Elgin, Ill., 2; Erie, Pa., 1; Grand Rapids, Mich., 1; Hamilton, Ohio, 1; Indianapolis, Ind., 2; Kansas City, Mo., 1; Lynn, Mass., 1; Manchester, N. H., 1; Milwaukee, Wis., 2; Muncie, Ind., 1; Muskegon, Mich., 1; New Bedford, Mass., 1; Newport, Ky., 1; Oshkosh, Wis., 1; Poughkeepsie, N. Y., 1; Quincy, Ill., 1; Rockford, Ill., 1; Saginaw, Mich., 1; St. Paul, Minn., 1; San Francisco, Cal., 2; Somerville, Mass., 1; South Bend, Ind., 2; Springfield, Mass., 1; Springfield, Ohio, 1; Syracuse, N. Y., 1; Taunton, Mass., 1; Troy, N. Y., 1; Trenton, N. J., 1; Waterbury, Conn., 2; Watertown, N. Y., 1; Wheeling, W. Va., 1; Wichita, Kans., 1.

HATS AND CAPS, NOT INCLUDING FUR HATS AND WOOL HATS.

Total	610	$6,675,227	594	$600,872	9,994	$3,978,406	5,265	4,618	111	$851,950	$8,517,533	$17,170,371
Albany, N. Y	5	17,000	-------	-------	19	8,964	10	9	-------	1,031	22,141	47,000
Baltimore, Md	20	1,124,599	67	92,888	1,117	335,935	458	622	37	127,367	839,146	1,619,825
Boston, Mass	31	337,590	36	44,440	485	222,646	243	238	4	57,706	446,862	1,028,920
Buffalo, N. Y	6	21,350	-------	-------	57	16,486	20	37	-------	3,126	27,186	57,794
Chicago, Ill	48	321,489	44	36,654	429	213,642	242	183	4	56,211	479,406	951,668
Cincinnati, Ohio	12	135,870	21	17,460	285	86,182	135	136	14	29,073	241,195	447,085
Cleveland, Ohio	8	185,831	12	9,449	327	122,907	127	200	-------	20,969	298,958	499,739
Columbus, Ohio	3	1,650	-------	-------	7	3,460	4	3	-------	693	2,509	9,900
Detroit, Mich	5	68,083	8	5,510	94	46,590	69	24	1	6,117	122,480	202,212
Grand Rapids, Mich	4	93,873	14	18,200	126	33,600	33	93	-------	5,200	64,690	164,500
Hoboken, N. J	4	84,400	4	2,600	207	40,145	44	162	1	3,685	95,805	160,500
Kansas City, Mo	3	11,800	2	1,000	19	8,490	11	8	-------	1,730	10,495	30,435
Louisville, Ky	3	12,050	2	1,950	24	6,852	12	12	-------	1,066	16,925	40,750
Milwaukee, Wis	6	441,878	40	37,649	606	171,441	276	308	22	46,060	276,725	602,820
Newark, N. J	26	415,585	37	39,506	629	238,195	329	300	-------	46,516	430,498	933,755
New Haven, Conn	7	18,900	1	400	27	12,289	21	5	1	4,015	24,180	54,409
New York, N. Y	256	2,474,510	188	188,971	4,126	1,896,189	2,662	1,457	7	329,888	4,054,872	7,932,431
Philadelphia, Pa	66	489,147	62	56,935	772	291,414	310	453	9	48,604	607,296	1,364,100
Providence, R. I	4	9,850	7	5,820	35	14,530	18	16	1	1,548	23,299	51,170
Rochester, N. Y	6	11,800	1	600	10	3,562	3	6	1	1,443	16,135	28,550
St. Louis, Mo	12	51,889	5	1,848	158	54,822	56	101	1	6,404	87,648	205,140
San Francisco, Cal	11	117,859	8	12,300	88	38,596	28	57	3	22,992	71,650	169,902
Scranton, Pa	3	1,855	-------	-------	5	2,080	4	1	-------	1,641	2,026	9,080
Toledo, Ohio	3	13,869	6	4,550	37	11,000	20	17	-------	1,278	30,185	47,116
Utica, N. Y	3	6,300	-------	-------	7	2,734	4	3	-------	1,543	6,569	13,760
All other cities[1]	55	206,200	29	22,142	298	95,655	126	167	5	26,044	218,652	497,810

[1] Includes Allentown, Pa., 1; Amsterdam, N. Y., 1; Atlanta, Ga., 2; Bayonne, N. J., 1; Bridgeport, Conn., 1; Covington, Ky., 1; Dallas, Tex., 1; Denver, Colo., 1; Des Moines, Iowa, 1; Elmira, N. Y., 2; Erie, Pa., 1; Houston, Tex., 1; Indianapolis, Ind., 2; Jersey City, N. J., 1; Los Angeles, Cal., 1; Lowell, Mass., 1; Minneapolis, Minn., 1; Newburg, N. Y., 1; New Orleans, La., 2; Newport, Ky., 1; Norfolk, Va., 1; Norristown, Pa., 2; Pawtucket, R. I., 1; Petersburg, Va., 1; Pittsburg, Pa., 2; Portland, Me., 1; Portland, Oreg., 1; Poughkeepsie, N. Y., 1; Reading, Pa., 2; St. Joseph, Mo., 1; St. Paul, Minn., 2; Schenectady, N. Y., 1; Seattle, Wash., 1; Shenandoah, Pa., 1; Springfield, Mass., 1; Syracuse, N. Y., 2; Troy, N. Y., 2; Washington, D. C., 2; Wilkesbarre, Pa., 1; Wilmington, Del., 2; Worcester, Mass., 2; York, Pa., 1.

HOSIERY AND KNIT GOODS.

Total	480	$46,743,038	1,514	$1,740,840	47,861	$14,110,003	10,666	32,187	5,008	$4,101,831	$28,593,520	$54,592,922
Albany, N. Y	4	428,938	5	3,836	376	112,589	64	312	-------	24,247	315,822	500,914
Allentown, Pa	5	102,600	12	14,920	255	57,078	28	198	29	7,699	189,075	325,847
Amsterdam, N. Y	19	3,333,479	56	63,059	2,858	1,051,147	1,037	1,762	59	281,418	2,516,287	4,259,138
Boston, Mass	9	134,765	19	17,396	442	110,380	21	363	58	18,920	107,142	283,816
Chicago, Ill	9	303,611	22	25,800	553	134,719	42	499	12	68,742	294,640	589,863
Cincinnati, Ohio	6	409,557	1	3,600	231	67,403	36	170	25	16,773	124,226	267,244
Cleveland, Ohio	5	239,439	7	10,730	541	130,974	52	489	-------	49,641	387,215	748,012
Cohoes, N. Y	24	5,299,944	93	121,170	3,685	1,390,475	1,271	2,327	87	313,701	2,688,750	5,026,374
Detroit, Mich	8	241,272	14	15,296	426	85,088	23	350	53	46,376	223,539	441,850
Elmira, N. Y	3	362,492	8	7,328	587	135,316	112	469	6	43,626	271,310	503,325

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

HOSIERY AND KNIT GOODS—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Grand Rapids, Mich	5	$324,113	16	$18,856	253	$79,334	109	144	-------	$36,703	$315,982	$483,058
Hartford, Conn	3	33,267	5	4,258	52	16,015	1	49	2	1,515	25,999	59,710
Lowell, Mass	8	3,135,987	57	73,949	4,165	1,276,372	1,068	2,800	297	218,062	1,153,237	3,148,110
Manchester, N. H	4	671,595	17	18,550	562	188,041	178	363	21	73,579	483,644	834,343
Milwaukee, Wis	13	1,081,814	38	58,944	1,417	290,451	134	992	291	94,286	566,514	1,223,203
Minneapolis, Minn	4	273,860	9	18,350	139	40,253	26	113	-------	22,723	118,989	257,073
New York, N. Y	59	2,626,598	148	183,405	2,365	889,180	438	1,889	38	226,345	1,786,700	3,489,937
Norfolk, Va	3	284,720	8	6,572	452	117,399	165	248	39	39,323	229,902	453,115
Norristown, Pa	5	488,458	21	10,064	678	190,247	109	464	105	29,265	456,344	793,698
Oswego, N. Y	3	975,801	15	16,387	703	178,253	126	534	43	28,526	606,589	915,097
Pawtucket, R. I	4	363,833	14	16,250	297	77,226	23	222	52	18,277	520,961	686,328
Philadelphia, Pa	142	10,024,606	364	388,426	11,944	3,567,087	2,243	7,542	2,159	1,447,055	6,174,278	13,040,905
Reading, Pa	21	710,128	50	38,315	1,667	390,857	183	1,184	300	53,266	696,527	1,326,397
Rockford, Ill	4	1,214,079	24	40,920	1,246	357,366	371	732	143	57,195	956,039	1,540,056
San Francisco, Cal	3	89,160	10	12,160	79	27,880	6	66	7	10,570	71,751	126,980
Syracuse, N. Y	5	345,786	16	17,790	284	76,456	42	231	11	47,859	326,126	526,343
Toledo, Ohio	3	129,001	24	22,190	214	57,649	4	208	2	15,270	66,136	172,700
Troy, N. Y	6	838,507	20	37,358	755	319,687	352	379	24	47,988	506,440	969,543
Utica, N. Y	12	1,680,159	62	66,842	1,727	503,397	436	1,112	179	102,999	1,527,826	2,514,073
Wilmington, Del	4	271,011	13	11,170	470	105,728	69	320	81	31,531	194,057	383,196
Woonsocket, R. I	7	844,389	14	16,598	495	163,964	213	274	8	39,167	679,949	1,082,057
All other cities[1]	70	9,480,069	332	380,321	7,943	1,921,992	1,684	5,382	877	589,184	4,011,524	7,620,617

[1] Includes Atlanta, Ga., 2; Bangor, Me., 1; Bay City, Mich., 1; Bridgeport, Conn., 1; Buffalo, N. Y., 1; Camden, N. J., 1; Columbia, S. C., 1; Columbus, Ohio, 1; Des Moines, Iowa, 2; Duluth, Minn., 1; Easton, Pa., 1; Elizabeth, N. J., 1; Everett, Mass., 1; Fort Wayne, Ind., 2; Hamilton, Ohio, 1; Harrisburg, Pa., 1; Hoboken, N. J., 2; Jersey City, N. J., 1; Kingston, N. Y., 1; Knoxville, Tenn., 1; La Crosse, Wis., 2; Lawrence, Mass., 1; Macon, Ga., 1; Malden, Mass., 1; Muncie, Ind., 1; Muskegon, Mich., 2; Nashua, N. H., 1; Nashville, Tenn., 2; New Albany, Ind., 1; Newark, N. J., 1; New Bedford, Mass., 1; New Britain, Conn., 2; New Brunswick, N. J., 2; New Haven, Conn., 2; New Orleans, La., 1; Omaha, Nebr., 1; Petersburg, Va., 1; Pittsfield, Mass., 2; Portland, Oreg., 1; Poughkeepsie, N. Y., 1; Providence, R. I., 1; Racine, Wis., 1; Rochester, N. Y., 2; St. Louis, Mo., 2; Salt Lake City, Utah, 2; Schenectady, N. Y., 1; Scranton, Pa., 1; Sheboygan, Wis., 1; South Bend, Ind., 1; Springfield, Mass., 2; Waltham, Mass., 2; Waterbury, Conn., 1; Worcester, Mass., 1; York, Pa., 1.

ICE, MANUFACTURED.

Total	281	$25,267,441	910	$801,830	4,055	$2,170,122	4,049	5	1	$1,279,324	$2,082,224	$8,738,947
Allegheny, Pa	4	546,500	8	10,200	70	43,773	70	-------	-------	13,837	15,380	111,212
Atlanta, Ga	4	227,238	8	10,100	32	14,946	32	-------	-------	13,903	30,203	104,913
Augusta, Ga	3	131,000	8	8,340	37	6,900	37	-------	-------	9,000	17,800	58,000
Baltimore, Md	5	342,238	4	4,860	63	44,191	63	-------	-------	12,205	52,499	237,632
Camden, N. J	3	321,847	3	2,384	17	9,244	17	-------	-------	7,823	15,499	53,318
Cincinnati, Ohio	5	147,524	8	7,975	37	19,003	37	-------	-------	11,134	26,133	81,283
Cleveland, Ohio	4	193,654	12	11,020	26	19,203	26	-------	-------	13,630	30,500	95,100
Dallas, Tex	3	371,000	52	26,400	68	27,700	68	-------	-------	14,511	47,275	149,800
Evansville, Ind	3	291,600	9	7,506	58	26,691	58	-------	-------	12,678	13,332	76,392
Fort Worth, Tex	3	155,500	7	11,400	49	29,800	48	1	-------	9,387	20,050	81,000
Indianapolis, Ind	7	235,425	11	7,012	67	30,912	67	-------	-------	12,824	28,387	108,770
Jacksonville, Fla	5	159,600	7	6,720	56	27,000	56	-------	-------	3,720	26,903	87,647
Kansas City, Mo	5	207,101	13	12,482	42	29,960	42	-------	-------	7,217	57,733	138,428
Little Rock, Ark	3	215,713	5	5,400	65	19,400	65	-------	-------	19,575	12,712	73,234
Louisville, Ky	7	371,821	12	10,140	50	27,372	50	-------	-------	21,590	35,096	132,395
Memphis, Tenn	4	544,572	25	30,770	192	102,881	192	-------	-------	35,475	45,362	260,000
Montgomery, Ala	3	40,700	2	1,200	8	3,945	8	-------	-------	1,190	2,020	20,325
Nashville, Tenn	4	195,284	14	10,616	79	32,690	79	-------	-------	11,138	27,809	112,277
Newark, N. J	4	365,675	10	14,386	62	29,010	62	-------	-------	19,756	31,275	112,414
New Orleans, La	10	1,538,230	28	38,180	135	48,610	134	1	-------	52,438	116,396	308,683
New York, N. Y	26	2,042,582	45	37,832	256	162,602	256	-------	-------	160,863	230,507	900,303
Norfolk, Va	5	489,387	9	7,600	49	25,827	49	-------	-------	13,530	39,241	115,683
Philadelphia, Pa	20	3,158,914	117	71,435	345	191,465	345	-------	-------	118,795	204,085	894,592
Portland, Oreg	4	106,000	9	13,980	22	15,640	22	-------	-------	11,685	13,200	91,400
Richmond, Va	3	222,500	8	7,680	15	10,800	15	-------	-------	5,790	14,133	64,932
St. Louis, Mo	10	1,034,768	28	33,508	129	78,358	129	-------	-------	47,966	112,419	305,718
San Francisco, Cal	3	510,141	30	28,140	50	40,009	50	-------	-------	21,463	43,753	134,411
Topeka, Kans	3	75,400	6	3,000	16	8,420	16	-------	-------	3,320	11,000	38,800
Washington, D. C	4	629,992	16	14,310	83	40,603	83	-------	-------	36,979	61,267	182,575
All other cities[1]	114	10,395,535	396	347,254	1,877	1,003,167	1,873	3	1	555,902	700,255	3,607,710

[1] Includes Akron, Ohio, 1; Allentown, Pa., 1; Altoona, Pa., 2; Anderson, Ind., 1; Aurora, Ill., 1; Austin, Tex., 2; Birmingham, Ala., 2; Bloomington, Ill., 1; Bridgeport, Conn., 1; Buffalo, N. Y., 2; Canton, Ohio, 1; Charleston, S. C., 2; Chattanooga, Tenn., 2; Chester, Pa., 1; Chicago, Ill., 2; Columbia, S. C., 1; Columbus, Ohio, 2; Covington, Ky., 1; Davenport, Iowa, 1; Dayton, Ohio, 1; Decatur, Ill., 1; Denver, Colo., 2; Des Moines, Iowa, 1; Easton, Pa., 1; East St. Louis, Ill., 1; Elizabeth, N. J., 1; Elmira, N. Y., 1; Erie, Pa., 1; Fort Wayne, Ind., 1; Galveston, Tex., 2; Harrisburg, Pa., 1; Houston, Tex., 1; Johnstown, Pa., 1; Joliet, Ill., 1; Knoxville, Tenn., 2; Lancaster, Pa., 1; Leavenworth, Kans., 1; Lexington, Ky., 2; Lincoln, Nebr., 1; Los Angeles, Cal., 2; Macon, Ga., 1; McKeesport, Pa., 1; Mobile, Ala., 2; Muncie, Ind., 1; New Albany, Ind., 2; New Britain, Conn., 1; Newburg, N. Y., 1; Newcastle, Pa., 1; New Haven, Conn., 1; Newport, Ky., 1; Norristown, Pa., 2; Paterson, N. J., 1; Peoria, Ill., 1; Petersburg, Va., 2; Pittsburg, Pa., 2; Pueblo, Colo., 1; Quincy, Ill., 1; Reading, Pa., 2; Roanoke, Va., 2; St. Joseph, Mo., 1; Salt Lake City, Utah, 1; San Antonio, Tex., 2; Savannah, Ga., 2; Scranton, Pa., 1; Seattle, Wash., 2; Shenandoah, Pa., 1; Sioux City, Iowa, 1; Springfield, Ill., 1; Springfield, Mo., 1; Springfield, Ohio, 1; South Bend, Ind., 1; Tacoma, Wash., 1; Terre Haute, Ind., 1; Trenton, N. J., 1; Waco, Tex., 2; Wheeling, W. Va., 2; Wichita, Kans., 2; Wilkesbarre, Pa., 1; Williamsport, Pa., 1; Wilmington, Del., 2; Wilmington, N. C., 2; Yonkers, N. Y., 1; York, Pa., 2; Youngstown, Ohio, 1; Zanesville, Ohio, 1.

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

IRON AND STEEL.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Total	263	$289,190,040	4,462	$5,889,235	115,237	$64,284,616	113,517	865	855	$17,584,042	$265,254,464	$412,819,287
Allegheny, Pa	6	3,382,800	83	108,186	2,322	1,413,491	2,301		21	369,956	4,196,922	7,985,673
Allentown, Pa	5	3,147,958	25	32,652	1,129	615,403	1,129			441,633	2,955,300	4,443,782
Anderson, Ind	3	1,485,912	23	38,144	724	475,001	716		8	87,011	1,561,996	2,657,456
Birmingham, Ala	4	2,602,291	37	77,691	2,040	750,895	2,032		8	132,718	2,568,172	5,461,358
Buffalo, N. Y	3	1,631,289	32	49,036	871	541,893	834	34	3	130,008	1,629,168	2,624,547
Canton, Ohio	3	768,783	30	48,220	371	212,231	371			27,471	575,159	995,362
Chattanooga, Tenn	3	523,644	12	14,375	193	70,718	193			17,309	513,359	685,984
Chester, Pa	7	4,577,318	63	110,197	1,435	782,169	1,435			277,604	1,535,101	2,983,450
Chicago, Ill	9	24,271,764	357	454,209	6,212	4,329,342	6,154	36	22	1,927,396	22,448,511	31,620,174
Cleveland, Ohio	15	14,616,917	213	230,968	6,915	4,014,589	6,811	103	1	1,220,277	13,490,450	24,276,197
Columbus, Ohio	4	1,916,600	24	55,190	670	451,482	670			125,897	3,987,393	5,976,028
Detroit, Mich	4	1,793,651	25	28,105	1,121	595,040	1,121			123,711	2,158,854	3,198,881
Harrisburg, Pa	7	3,065,702	74	101,276	1,701	821,547	1,701			105,728	5,050,689	7,602,404
Johnstown, Pa	4	11,882,627	219	290,056	3,871	2,100,145	3,850		21	1,521,707	12,216,364	17,834,705
Joliet, Ill	5	7,876,817	148	91,967	2,778	1,936,613	2,771		7	765,331	9,487,839	13,380,090
McKeesport, Pa	7	14,109,342	427	431,581	6,753	3,937,803	6,588		165	209,608	20,706,228	34,339,612
Milwaukee, Wis	8	4,309,973	67	81,222	1,590	1,040,287	1,590			309,347	4,388,707	7,410,213
Muncie, Ind	4	3,538,653	39	52,189	1,787	968,831	1,736	51		68,945	2,911,933	4,499,494
Newark, N. J	3	1,499,614	25	43,584	634	346,548	629		5	56,220	486,139	1,169,744
Newcastle, Pa	10	9,042,734	91	148,114	3,320	2,226,335	3,264		56	275,090	9,735,362	15,123,463
New York, N. Y	6	1,233,436	47	73,344	706	381,396	706			66,054	528,382	1,235,909
Philadelphia, Pa	8	6,069,671	213	298,804	2,815	1,866,572	2,806		9	671,868	3,564,526	7,208,948
Pittsburg, Pa	36	75,149,146	915	1,183,227	24,418	13,887,501	23,821	290	307	4,505,421	59,322,561	90,798,086
Reading, Pa	7	8,132,619	108	157,689	3,769	1,612,011	3,732		37	344,793	6,320,660	9,530,286
St. Louis, Mo	5	1,665,809	44	73,633	1,478	832,760	1,469		9	81,455	1,749,165	3,274,448
Scranton, Pa	5	4,400,779	60	144,094	2,315	1,227,788	2,315			57,258	9,363,721	10,231,139
Syracuse, N. Y	3	1,811,560	32	57,204	751	406,708	739		12	23,911	673,519	1,861,613
Trenton, N. J	3	7,669,989	129	158,531	3,679	1,507,876	3,450	175	54	794,308	9,950,687	13,260,787
Wheeling, W. Va	7	3,787,275	35	62,674	1,755	1,049,785	1,724	5	26	108,280	4,060,630	5,833,950
Wilmington, Del	4	4,051,880	73	122,851	1,327	634,216	1,327			131,659	1,526,152	2,934,993
Youngstown, Ohio	11	17,541,854	224	268,096	6,644	3,717,366	6,629		15	634,152	19,988,613	28,203,856
All other cities [1]	54	41,631,633	568	802,126	19,143	9,530,274	18,903	171	69	1,971,916	25,602,202	44,176,655

[1] Includes Auburn, N. Y., 2; Bridgeport, Conn., 2; Cincinnati, Ohio, 1; Cohoes, N. Y., 1; Covington, Ky., 2; Denver, Colo., 1; East St. Louis, Ill., 1; Easton, Pa., 1; Elmira, N. Y., 1; Indianapolis, Ind., 1; Jersey City, N. J., 2; Kansas City, Kans., 1; Kansas City, Mo., 1; Knoxville, Tenn., 1; Lancaster, Pa., 1; Lima, Ohio, 1; Louisville, Ky., 1; Lynn, Mass., 1; Muskegon, Mich., 1; New Albany, Ind., 2; New Haven, Conn., 2; Newport, Ky., 1; Norristown, Pa., 1; Paterson, N. J., 1; Portland, Me., 1; Portland, Oreg., 1; Poughkeepsie, N. Y., 2; Pueblo, Colo., 2; Richmond, Va., 2; Roanoke, Va., 2; Sacramento, Cal., 1; St. Paul, Minn., 1; San Francisco, Cal., 1; South Bend, Ind., 1; Springfield, Ill., 1; Terre Haute, Ind., 2; Toledo, Ohio, 1; Troy, N. Y., 2; Worcester, Mass., 1; York, Pa., 1; Zanesville, Ohio, 2.

IRONWORK, ARCHITECTURAL AND ORNAMENTAL.

Total	608	$27,727,460	1,563	$1,712,996	17,915	$9,808,775	17,790	61	64	$2,477,164	$26,856,024	$46,587,046
Albany, N. Y	4	178,360	4	3,664	163	82,576	163			11,404	92,590	218,582
Allegheny, Pa	4	122,950	7	3,972	99	42,941	97		2	11,555	87,784	162,792
Baltimore, Md	9	478,261	15	20,808	229	246,829	226		3	8,170	520,009	862,368
Boston, Mass	11	278,040	20	23,637	272	162,051	272			29,705	347,634	666,273
Buffalo, N. Y	7	305,060	18	17,203	188	85,526	188			33,836	425,524	648,480
Cambridge, Mass	3	468,712	19	22,378	285	136,718	285			23,500	353,910	594,473
Canton, Ohio	4	712,655	64	47,518	304	109,320	257	46	1	60,504	715,047	1,073,664
Chicago, Ill	76	3,696,958	191	229,349	2,511	1,460,792	2,509	1	1	304,612	4,301,113	7,439,516
Cincinnati, Ohio	10	267,473	51	48,100	287	137,990	284	3		32,753	375,721	679,070
Cleveland, Ohio	11	467,528	48	60,932	469	234,081	466	3		36,205	458,124	875,908
Columbus, Ohio	4	105,600	8	11,040	76	31,089	73	2	1	6,381	102,897	170,682
Dayton, Ohio	3	13,655	4	2,000	18	8,184	18			1,920	8,892	23,620
Detroit, Mich	8	627,081	34	43,710	441	221,763	440	1		16,032	504,142	881,077
Hoboken, N. J	3	120,600	3	5,200	116	59,952	116			7,317	185,090	278,075
Houston, Tex	3	55,005			16	8,075	16			1,255	28,935	54,000
Indianapolis, Ind	8	708,190	41	46,731	451	214,802	451			88,977	466,463	920,864
Jersey City, N. J	6	261,366	30	29,087	184	131,594	184			24,650	208,624	463,321
Louisville, Ky	6	240,951	28	23,906	165	52,257	165			20,922	98,354	197,852
Milwaukee, Wis	8	524,241	32	32,576	397	156,058	389		8	48,715	648,752	1,092,659
Minneapolis, Minn	5	769,515	50	37,526	373	210,057	373			148,780	480,494	1,076,286
Newark, N. J	10	115,450	8	7,850	100	61,668	100			11,308	186,042	316,796
New Orleans, La	2	97,349	1	600	60	24,730	58		2	3,373	45,399	92,125
New York, N. Y	175	5,333,034	303	366,887	4,305	2,640,962	4,297	3	5	716,609	6,175,509	11,389,721
Omaha, Nebr	3	230,221	14	15,320	164	70,610	164			12,320	123,034	239,000
Paterson, N. J	5	30,275			26	13,148	25		1	1,050	24,669	49,252
Philadelphia, Pa	46	1,493,811	86	82,342	876	476,269	874		2	94,595	1,232,381	2,118,622
Pittsburg, Pa	9	4,412,379	158	173,545	2,043	1,042,760	2,028		15	183,659	4,396,141	6,111,943
Reading, Pa	4	50,663	3	3,640	49	21,299	49			5,807	66,227	113,267
Rochester, N. Y	5	55,800	4	2,800	63	32,700	63			5,556	31,403	114,600
St. Louis, Mo	18	1,686,358	90	118,269	736	424,467	721		15	167,660	880,297	1,768,693

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

IRONWORK, ARCHITECTURAL AND ORNAMENTAL—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
St. Paul, Minn	3	$30,179	7	$6,680	61	$28,461	60	1	-------	$4,300	$25,479	$62,260
San Francisco, Cal	17	297,517	29	41,194	219	130,751	216	-------	3	27,067	325,288	621,968
Sioux City, Iowa	3	11,267	1	720	22	9,188	20	-------	2	1,890	8,635	27,430
Syracuse, N. Y	3	12,250	3	1,595	21	8,960	20	1	-------	2,822	17,095	41,890
Washington, D. C	10	269,750	8	7,778	120	57,340	120	-------	-------	35,006	236,887	395,326
All other cities[1]	95	3,198,956	181	174,439	2,006	972,807	2,003	-------	3	286,949	2,671,439	4,744,591

[1] Includes Akron, Ohio, 1; Allentown, Pa., 2; Atlanta, Ga., 1; Aurora, Ill., 1; Austin, Tex., 1; Birmingham, Ala., 1; Charleston, S. C., 1; Chattanooga, Tenn., 1; Chelsea, Mass., 1; Chester, Pa., 1; Clinton, Iowa, 1; Covington, Ky., 2; Dallas, Tex., 1; Davenport, Iowa, 1; Denver, Colo., 1; Des Moines, Iowa, 2; Dubuque, Iowa, 2; Easton, Pa., 1; East Orange, N. J., 1; Elizabeth, N. J., 1; Erie, Pa., 1; Evansville, Ind., 1; Everett, Mass., 2; Hartford, Conn., 1; Haverhill, Mass., 1; Holyoke, Mass., 1; Joliet, Ill., 1; Kansas City, Mo., 1; Kingston, N. Y., 1; Knoxville, Tenn., 2; La Crosse, Wis., 2; Lancaster, Pa., 2; Lima, Ohio, 1; Lincoln, Nebr., 1; Little Rock, Ark., 1; Los Angeles, Cal., 1; Lowell, Mass., 1; McKeesport, Pa., 1; Meriden, Conn., 1; Muncie, Ind., 1; Nashville, Tenn., 1; New Haven, Conn., 2; Newport, Ky., 1; Norfolk, Va., 2; North Adams, Mass., 1; Oakland, Cal., 2; Peoria, Ill., 2; Portland, Me., 1; Portland, Oreg., 2; Providence, R. I., 2; Roanoke, Va., 1; Rockford, Ill., 1; Sacramento, Cal., 1; St. Joseph, Mo., 1; Salt Lake City, Utah, 1; Scranton, Pa., 2; Seattle, Wash., 2; Springfield, Mass., 1; Springfield, Ohio, 1; Terre Haute, Ind., 1; Toledo, Ohio, 2; Topeka, Kans., 1; Trenton, N. J., 1; Troy, N. Y., 1; Utica, N. Y., 2; Watertown, N. Y., 1; West Hoboken, N. J., 1; Wheeling, W. Va., 1; Wichita, Kans., 1; Wilkesbarre, Pa., 2; Wilmington, Del., 1; Worcester, Mass., 2; Yonkers, N. Y., 1; York, Pa., 1; Youngstown, Ohio, 1.

JEWELRY.

Total	766	$23,575,201	1,479	$1,504,869	15,414	$8,131,600	10,651	4,383	380	$1,847,709	$18,233,388	$36,844,979
Baltimore, Md	9	170,121	4	2,930	76	43,254	71	3	2	8,770	108,002	212,450
Boston, Mass	16	265,366	16	15,950	196	107,294	148	47	1	32,359	200,186	463,590
Buffalo, N. Y	10	322,029	18	32,585	173	87,277	152	16	5	12,065	194,410	413,845
Chicago, Ill	31	754,122	76	81,815	484	341,266	443	29	12	57,386	801,638	1,601,308
Cincinnati, Ohio	16	628,938	35	24,980	199	108,262	163	32	4	48,054	494,577	820,783
Cleveland, Ohio	6	20,710	-------	-------	32	15,161	32	-------	-------	2,050	14,454	44,400
Denver, Colo	10	36,168	4	3,915	36	25,315	36	-------	-------	6,580	33,511	92,802
Kansas City, Mo	4	12,300	1	1,500	23	17,365	18	3	2	3,060	25,032	55,600
Los Angeles, Cal	6	55,950	3	2,660	25	14,828	23	-------	2	4,435	49,235	101,050
Louisville, Ky	3	13,200	1	936	25	13,412	23	-------	2	1,166	16,850	38,478
Milwaukee, Wis	1	11,900	1	1,400	28	21,930	28	-------	-------	1,625	28,092	62,043
Minneapolis, Minn	5	37,350	1	500	45	18,862	35	10	-------	4,286	22,044	62,500
Newark, N. J	98	5,512,552	321	395,083	2,768	1,555,869	1,959	773	36	419,829	3,823,460	7,364,247
New York, N. Y	229	5,454,165	282	270,309	2,833	1,901,291	2,266	440	127	458,436	5,160,102	9,712,179
Pawtucket, R. I	6	312,556	11	10,071	182	79,485	126	54	2	4,507	338,259	597,981
Philadelphia, Pa	19	679,287	58	37,027	402	183,493	299	82	21	36,719	244,478	647,559
Providence, R. I	207	8,585,646	595	577,997	6,977	3,090,447	4,162	2,664	151	668,230	5,867,420	12,719,124
Rochester, N. Y	3	23,310	1	800	5	5,960	5	-------	-------	1,170	33,097	54,000
St. Louis, Mo	1	134,012	5	6,176	143	98,926	136	6	1	10,463	81,947	268,254
San Francisco, Cal	21	144,144	15	15,887	221	157,543	211	2	8	37,618	363,928	627,044
Seattle, Wash	8	21,905	2	1,200	28	21,980	28	-------	-------	3,236	33,780	69,458
Toledo, Ohio	3	5,000	1	400	3	2,212	2	-------	1	1,797	4,413	12,893
All other cities[1]	50	374,470	28	20,748	510	220,168	285	222	3	28,868	294,473	803,391

[1] Includes Albany, N. Y., 1; Cambridge, Mass., 2; Chattanooga, Tenn., 1; Columbus, Ohio, 1; Covington, Ky., 1; Dallas, Tex., 2; Davenport, Iowa, 1; Dayton, Ohio, 2; Detroit, Mich., 2; Elizabeth, N. J., 1; Elmira, N. Y., 2; Grand Rapids, Mich., 1; Houston, Tex., 2; Indianapolis, Ind., 1; Jacksonville, Fla., 1; Lancaster, Pa., 1; Little Rock, Ark., 1; Manchester, N. H., 1; New Bedford, Mass., 1; New Britain, Conn., 1; New Orleans, La., 1; Oakland, Cal., 1; Omaha, Nebr., 2; Portland, Oreg., 2; Roanoke, Va., 1; Sacramento, Cal., 1; St. Paul, Minn., 1; Salt Lake City, Utah, 1; San Antonio, Tex., 1; Scranton, Pa., 1; Springfield, Mass., 2; Somerville, Mass., 1; Syracuse, N. Y., 1; Tacoma, Wash., 2; Washington, D. C., 2; Wichita, Kans., 2; Wilkesbarre, Pa., 1; Worcester, Mass., 1.

LEATHER GOODS.

Total	258	$4,731,593	600	$540,274	5,848	$2,173,271	3,391	2,202	255	$808,534	$5,704,534	$11,014,065
Boston, Mass	6	48,679	5	5,650	93	28,929	46	47	-------	4,957	68,870	130,500
Buffalo, N. Y	5	69,590	5	4,600	45	12,371	21	22	2	7,288	48,809	92,754
Chicago, Ill	24	411,531	62	65,645	664	231,090	417	226	21	57,124	649,037	1,184,483
Cincinnati, Ohio	4	13,110	13	6,728	33	7,707	28	3	2	4,785	46,056	78,500
Los Angeles, Cal	8	47,975	9	9,610	83	24,163	44	39	-------	4,366	20,525	89,170
Newark, N. J	9	35,893	7	3,665	57	20,261	30	19	8	3,049	26,004	70,281
New York, N. Y	113	2,685,149	282	271,491	2,826	1,126,206	1,763	1,007	56	528,486	3,414,602	6,119,864
Philadelphia, Pa	19	827,001	98	103,762	1,168	360,868	524	533	111	102,019	782,125	1,768,894
Pittsburg, Pa	3	7,735	1	52	1	300	1	-------	-------	407	4,702	6,525
St. Louis, Mo	5	51,290	6	1,650	38	16,100	35	-------	3	2,804	57,079	90,055
Salem, Mass	4	24,400	4	3,100	37	14,650	19	18	-------	1,339	61,132	91,500
San Francisco, Cal	10	52,248	10	8,140	50	28,938	33	14	3	9,131	44,845	113,285
Worcester, Mass	3	107,749	39	22,563	150	74,520	96	54	-------	42,092	94,284	364,563
All other cities[1]	45	349,243	59	33,618	603	227,168	334	220	49	40,687	386,464	813,691

[1] Includes Atlanta, Ga., 1; Baltimore, Md., 1; Bridgeport, Conn., 1; Canton, Ohio, 2; Chelsea, Mass., 1; Cleveland, Ohio, 2; Cohoes, N. Y., 1; Denver, Colo., 1; Detroit, Mich., 2; Everett, Mass., 2; Fort Wayne, Ind., 1; Fort Worth, Tex., 1; Indianapolis, Ind., 1; Lawrence, Mass., 2; Lowell, Mass., 2; Lynn, Mass., 2; Manchester, N. H., 1; Meriden, Conn., 1; Milwaukee, Wis., 2; Minneapolis, Minn., 1; Muskegon, Mich., 1; New Bedford, Mass., 1; New Haven, Conn., 2; Paterson, N. J., 2; Providence, R. I., 1; Racine, Wis., 1; Rochester, N. Y., 2; Seattle, Wash., 1; Springfield, Mass., 1; Syracuse, N. Y., 1; Troy, N. Y., 1; Washington, D. C., 2 (includes 1 governmental establishment); Williamsport, Pa., 1.

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

LEATHER, TANNED, CURRIED, AND FINISHED.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Total	395	$74,085,041	1,395	$1,792,247	27,319	$12,390,306	25,802	1,080	437	$3,147,605	$72,739,535	$98,060,979
Allegheny, Pa	9	2,189,995	33	51,609	430	185,940	418	8	4	90,674	1,137,677	1,582,386
Allentown, Pa	3	132,088	1	310	21	9,280	21			3,040	90,908	110,850
Baltimore, Md	10	140,950	6	6,100	142	58,716	130	8	4	3,977	474,371	593,600
Boston, Mass	6	55,320	2	1,650	97	44,707	97			7,340	166,753	227,401
Buffalo, N. Y	3	1,295,095	9	7,850	561	219,652	530	31		85,803	1,151,700	1,663,350
Camden, N. J	3	838,067	28	40,340	452	187,764	443		9	67,039	1,175,425	1,515,935
Chelsea, Mass	3	246,893	10	8,458	78	35,585	78			13,872	145,219	215,770
Chicago, Ill	22	4,074,990	61	129,950	2,047	1,060,731	2,039		8	136,082	5,141,618	6,979,289
Cincinnati, Ohio	15	4,865,480	25	36,650	943	412,414	943			70,980	2,490,134	3,446,525
Cleveland, Ohio	3	171,198	10	9,314	44	17,900	44			8,628	105,372	150,577
Grand Rapids, Mich	3	477,511	8	11,340	101	46,324	101			24,697	562,548	697,525
Lancaster, Pa	3	180,575	9	10,050	85	32,900	85			2,404	240,923	396,021
Louisville, Ky	15	3,597,579	40	49,369	575	250,103	575			92,338	2,373,135	3,114,731
Lowell, Mass	3	1,437,948	9	22,475	543	264,671	543			17,885	1,173,366	1,730,658
Lynn, Mass	12	1,031,025	51	35,162	638	282,318	637	1		65,997	2,038,574	2,451,423
Manchester, N. H	4	313,476	6	8,632	61	23,050	61			18,783	423,143	499,184
Milwaukee, Wis	11	11,373,668	143	188,359	2,862	1,234,147	2,788	11	63	416,303	8,066,622	10,267,835
Nashville, Tenn	3	16,553	1	300	25	8,061	25			880	57,217	67,969
New Albany, Ind	3	188,000	7	5,650	104	44,100	104			9,809	303,217	382,930
Newark, N. J	61	8,086,652	221	338,382	3,283	1,661,400	3,229	32	22	401,929	7,391,534	10,857,192
New York, N. Y	17	2,365,141	29	32,596	750	362,114	662	88		63,083	2,473,878	3,331,136
Philadelphia, Pa	44	9,105,989	169	184,746	5,781	2,529,120	5,318	253	210	685,050	13,429,241	18,187,231
Racine, Wis	4	351,717	13	33,720	143	58,358	133	10		31,113	426,265	576,236
St. Louis, Mo	8	914,923	20	35,360	182	97,538	181		1	27,700	548,216	805,700
Salem, Mass	20	1,925,315	41	49,821	868	395,661	860	8		71,489	2,355,971	3,076,869
San Francisco, Cal	21	1,232,216	25	36,900	570	364,565	569		1	69,312	2,219,137	2,794,804
Williamsport, Pa	3	1,610,352	9	4,820	190	78,749	175		15	69,983	604,244	839,375
Wilmington, Del	19	5,167,304	156	166,139	2,454	1,044,303	1,781	583	90	225,977	7,009,165	9,379,504
All other cities[1]	64	10,699,021	253	286,195	3,289	1,380,135	3,232	47	10	365,438	8,963,962	12,118,973

[1] Includes Albany, N. Y., 1; Atlanta, Ga., 1; Bangor, Me., 1; Binghamton, N. Y., 1; Bridgeport, Conn., 1; Cambridge, Mass., 1; Chattanooga, Tenn., 1; Columbus, Ohio, 2; Covington, Ky., 1; Dallas, Tex., 1; Detroit, Mich., 2; Easton, Pa., 1; Elizabeth, N. J., 2; Elmira, N. Y., 1; Erie, Pa., 2; Fort Wayne, Ind., 2; Haverhill, Mass., 1; Hoboken, N. J., 1; Indianapolis, Ind., 1; Jersey City, N. J., 2; Kalamazoo, Mich., 2; La Crosse, Wis., 1; Lima, Ohio, 1; Lincoln, Nebr., 1; Malden, Mass., 1; Muskegon, Mich., 1; Nashua, N. H., 1; New Haven, Conn., 1; New Orleans, La., 1; North Adams, Mass., 1; Pawtucket, R. I., 2; Portland, Me., 1; Portland, Oreg., 2; Providence, R. I., 2; Quincy, Mass., 2; Reading, Pa., 2; Richmond, Va., 2; Rochester, N. Y., 2; Rockford, Ill., 1; Saginaw, Mich., 1; San Jose, Cal., 1; Seattle, Wash., 1; Sheboygan, Wis., 2; South Omaha, Nebr., 1; Springfield, Ohio, 1; Wheeling, W. Va., 1; Worcester, Mass., 1; Zanesville, Ohio, 2.

LIQUORS, DISTILLED.

Total	55	$12,792,283	244	$347,493	1,065	$602,681	1,010	19	6	$52,206,820	$7,345,955	$63,496,208
Baltimore, Md	7	1,033,875	24	28,636	83	49,708	78		5	63,017	424,124	918,530
Cincinnati, Ohio	8	1,522,800	34	54,696	163	97,745	155	8		7,344,318	1,034,113	9,419,687
Louisville, Ky	9	3,432,539	60	76,257	186	98,498	186			1,762,614	802,087	2,908,947
Peoria, Ill	11	2,467,131	33	53,224	213	123,548	212	1		23,525,087	2,553,710	26,792,354
Terre Haute, Ind	3	944,000	19	41,172	139	65,415	139			14,271,828	1,377,356	16,041,747
All other cities[1]	22	3,391,938	74	93,508	281	167,767	270	10	1	5,239,956	1,154,565	7,414,943

[1] Includes Atlanta, Ga., 1; Augusta, Ga., 1; Boston, Mass., 2; Buffalo, N. Y., 2; Chattanooga, Tenn., 1; Cleveland, Ohio, 1; Covington, Ky., 1; Everett, Mass., 1; Lexington, Ky., 1; McKeesport, Pa., 1; Milwaukee, Wis., 1; Montgomery, Ala., 1; New Orleans, La., 1; Omaha, Nebr., 1; Oshkosh, Wis., 1; Philadelphia, Pa., 2; Pittsburg, Pa., 1; Somerville, Mass., 1; Zanesville, Ohio, 1.

LIQUORS, MALT.

Total	790	$363,578,291	5,914	$11,436,652	32,968	$21,999,685	31,889	479	600	$96,866,656	$43,785,988	$205,602,774
Albany, N. Y	10	3,776,272	106	276,987	343	235,935	341	2		1,061,377	527,657	2,478,991
Allegheny, Pa	4	3,412,689	30	48,458	150	91,980	150			530,122	336,705	1,253,205
Allentown, Pa	4	632,936	10	20,652	47	32,688	47			113,804	87,175	310,725
Altoona, Pa	3	288,000	6	5,300	31	16,700	31			80,516	57,000	185,550
Auburn, N. Y	4	599,068	11	17,650	44	29,375	44			73,122	53,644	184,662
Baltimore, Md	12	9,689,087	120	186,978	538	351,062	537		1	1,130,913	622,401	2,934,028
Binghamton, N. Y	3	247,960	12	13,008	25	14,006	25			78,718	45,148	181,810
Boston, Mass	25	12,228,651	227	463,719	1,261	1,007,770	1,251	10		3,173,536	1,796,230	7,518,668
Bridgeport, Conn	5	611,342	10	17,560	57	51,948	57			216,023	107,816	521,489
Buffalo, N. Y	18	9,135,343	170	209,261	560	410,704	557	3		2,240,526	862,108	4,269,973
Burlington, Iowa	3	123,000	2	2,000	28	15,500	28			31,487	22,295	96,275
Chicago, Ill	37	25,524,841	389	812,296	2,272	1,507,577	2,229	43		7,855,163	2,959,052	14,956,865
Cincinnati, Ohio	21	11,370,912	193	351,248	1,282	910,986	1,269	2	11	3,023,781	1,402,644	6,387,383
Cleveland, Ohio	10	3,788,202	95	173,554	477	381,780	477			1,447,552	840,394	4,033,915
Columbus, Ohio	4	1,646,978	50	73,804	447	250,678	420		27	1,016,879	497,084	2,024,407
Covington, Ky	3	765,180	18	28,890	84	51,970	84			150,859	65,578	397,458
Dayton, Ohio	9	1,727,327	29	42,970	152	97,268	152			345,242	182,974	794,295
Denver, Colo	4	4,953,859	21	49,600	206	167,722	197		9	620,570	224,617	1,439,956
Detroit, Mich	20	2,800,062	115	132,803	412	257,186	399	13		1,277,931	547,378	2,593,093
Dubuque, Iowa	3	951,710	21	38,800	121	62,000	121			337,000	127,150	632,320

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

LIQUORS, MALT—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Easton, Pa	3	$489,213	15	$9,714	75	$33,765	74		1	$81,308	$56,686	$240,640
Erie, Pa	5	1,100,467	30	46,240	115	90,440	115			256,959	138,092	696,745
Evansville, Ind	3	1,210,000	30	55,250	181	104,789	174	2	5	369,219	147,973	774,950
Fall River, Mass	4	919,306	31	39,203	61	55,707	61			200,941	186,662	566,054
Hamilton, Ohio	3	1,994,956	22	28,240	178	108,861	178			362,339	191,759	795,284
Harrisburg, Pa	3	260,725	4	2,365	32	20,882	32			70,362	41,819	186,030
Hartford, Conn	4	889,021	32	44,280	99	82,050	99			329,106	208,743	742,038
Indianapolis, Ind	5	1,077,045	64	89,604	256	154,417	246	10		740,334	254,203	1,770,939
Jersey City, N. J	4	2,332,000	19	56,100	123	108,700	123			813,825	244,090	1,294,550
Johnstown, Pa	4	524,795	12	12,199	69	41,920	62	3	4	156,361	88,235	394,972
Kansas City, Mo	4	1,301,599	44	75,224	285	136,603	262	23		622,089	250,017	1,309,027
La Crosse, Wis	6	1,660,367	50	61,258	201	91,362	160	31	10	452,414	312,670	1,133,090
Lancaster, Pa	4	645,600	11	13,500	65	32,764	65			147,328	101,356	358,247
Louisville, Ky	19	2,734,994	62	97,671	317	179,834	313	3	1	829,313	381,064	1,782,220
Milwaukee, Wis	9	27,459,541	244	471,329	2,827	1,374,904	2,152	266	409	8,179,627	2,744,137	13,899,390
Minneapolis, Minn	4	4,195,408	44	66,957	194	124,845	186	8		711,942	252,107	1,507,720
New Albany, Ind	3	120,643	5	7,400	19	8,074	19			34,753	19,965	88,246
Newark, N. J	16	12,175,804	204	489,598	970	774,589	966	2	2	3,750,450	1,654,283	8,236,468
New Haven, Conn	4	929,076	20	40,348	94	80,016	94			338,248	180,290	799,441
New Orleans, La	6	3,299,326	57	87,556	374	224,985	353	7	14	792,468	403,440	1,472,062
New York, N. Y	89	65,585,624	991	2,543,117	4,824	3,853,523	4,816	6	2	19,253,530	7,688,529	39,105,837
Oakland, Cal	3	132,695	6	7,920	17	16,556	17			55,519	36,258	133,371
Omaha, Nebr	6	1,736,824	30	79,755	118	82,091	116	2		490,768	216,792	1,029,500
Oswego, N. Y	5	210,276	16	12,416	33	16,030	33			55,177	42,158	148,137
Paterson, N. J	6	5,685,849	35	76,486	245	167,575	241		4	1,007,659	282,120	1,859,537
Peoria, Ill	3	847,623	26	35,350	89	47,330	86	3		251,344	112,470	530,875
Philadelphia, Pa	59	27,636,289	303	652,148	1,791	1,229,248	1,790	1		6,062,010	2,876,982	12,606,551
Pittsburg, Pa	7	13,419,671	70	159,861	383	312,102	383			1,525,061	677,672	3,586,393
Providence, R. I	3	1,767,673	31	50,398	111	80,764	111			392,180	220,203	1,007,662
Quincy, Ill	4	942,309	18	22,760	101	52,796	94		7	202,238	104,871	398,143
Racine, Wis	3	124,600	3	3,500	14	7,696	14			33,350	18,282	87,270
Reading, Pa	6	1,032,510	19	25,732	119	66,361	119			393,600	189,777	881,665
Rochester, N. Y	13	4,906,098	114	171,465	404	306,663	404			1,265,074	582,399	2,748,290
Saginaw, Mich	5	271,208	11	13,960	45	26,809	45			82,565	42,281	206,155
St. Louis, Mo	28	23,349,239	302	708,825	2,670	1,660,252	2,644		26	5,189,517	2,633,437	11,673,599
St. Paul, Minn	7	2,355,460	44	71,460	276	115,532	276			678,186	234,722	1,335,293
Salt Lake City, Utah	4	551,743	17	16,458	73	44,987	69		4	102,560	110,391	386,143
San Antonio, Tex	3	1,808,331	29	64,608	224	112,926	224			456,089	204,168	925,936
San Francisco, Cal	25	4,722,057	64	128,455	443	398,063	440	1	2	1,280,447	710,462	2,872,303
San Jose, Cal	3	574,708	5	9,199	83	62,269	77	6		113,302	61,084	262,744
Scranton, Pa	6	1,431,012	29	92,077	181	116,666	181			550,427	220,250	1,196,105
Spokane, Wash	4	419,400	14	24,600	47	47,368	47			138,369	83,734	444,680
Superior, Wis	3	111,000	11	10,400	36	25,220	36			34,366	24,415	112,840
Syracuse, N. Y	10	2,993,798	67	123,313	252	168,023	252			757,320	405,357	1,814,295
Toledo, Ohio	6	2,189,000	47	76,070	253	150,799	250	3		688,252	329,605	1,458,593
Trenton, N. J	3	455,540	18	25,348	53	33,199	53			164,398	82,578	385,307
Troy, N. Y	8	2,267,251	67	95,136	257	158,686	255	2		582,079	362,495	1,438,869
Utica, N. Y	8	637,771	34	37,718	120	90,039	120			299,791	181,516	741,262
Washington, D. C	4	2,298,704	35	56,104	191	140,690	191			650,902	286,653	1,340,041
Wheeling, W. Va	5	1,508,861	46	58,710	205	99,223	205			420,585	156,790	953,092
Wilmington, Del	4	1,121,838	18	25,301	83	56,041	83			284,930	122,978	614,896
Zanesville, Ohio	4	78,400	4	2,210	23	13,096	23			48,167	26,723	105,604
All other cities[1]	128	30,811,624	755	1,196,218	4,132	2,466,720	4,044	27	61	9,312,387	5,235,195	21,968,605

[1] Includes Akron, Ohio, 2; Amsterdam, N. Y., 1; Anderson, Ind., 1; Atlanta, Ga., 1; Augusta, Ga., 1; Aurora, Ill., 1; Bay City, Mich., 1; Birmingham, Ala., 2; Bloomington, Ill., 1; Brockton, Mass., 1; Butte, Mont., 2; Camden, N. J., 2; Canton, Ohio, 1; Cedar Rapids, Iowa, 1; Charleston, S. C., 1; Chattanooga, Tenn., 1; Chester, Pa., 1; Clinton, Iowa, 2; Cohoes, N. Y., 1; Dallas, Tex., 1; Davenport, Iowa, 2; Decatur, Ill., 1; Duluth, Minn., 2; East St. Louis, Ill., 1; Elgin, Ill., 1; Elizabeth, N. J., 2; Elmira, N. Y., 2; Fort Wayne, Ind., 2; Fort Worth, Tex., 1; Galveston, Tex., 1; Gloucester, Mass., 1; Grand Rapids, Mich., 2; Haverhill, Mass., 2; Houston, Tex., 2; Jackson, Mich., 1; Jamestown, N. Y., 1; Joliet, Ill., 2; Joplin, Mo., 1; Kalamazoo, Mich., 1; Kingston, N. Y., 2; Knoxville, Tenn., 1; Lawrence, Mass., 1; Leavenworth, Kans., 1; Lexington, Ky., 1; Lima, Ohio, 1; Little Rock, Ark., 1; Los Angeles, Cal., 2; Lowell, Mass., 1; McKeesport, Pa., 1; Macon, Ga., 1; Manchester, N. H., 1; Memphis, Tenn., 1; Meriden, Conn., 2; Mobile, Ala., 1; Montgomery, Ala., 1; Muskegon, Mich., 1; Nashville, Tenn., 1; New Brunswick, N. J., 1; Newburg, N. Y., 1; Newcastle, Pa., 2; Newport, Ky., 1; Norfolk, Va., 1; Norristown, Pa., 1; Oshkosh, Wis., 2; Pawtucket, R. I., 1; Pittsfield, Mass., 1; Portland, Oreg., 2; Poughkeepsie, N. Y., 2; Pueblo, Colo., 1; Richmond, Va., 1; Roanoke, Va., 1; Rockford, Ill., 1; Sacramento, Cal., 2; St. Joseph, Mo., 2; Salem, Mass., 1; Savannah, Ga., 2; Schenectady, N. Y., 2; Seattle, Wash., 1; Sheboygan, Wis., 2; Shenandoah, Pa., 1; Sioux City, Iowa, 1; South Omaha, Nebr., 1; Springfield, Ill., 1; Springfield, Mass., 2; Springfield, Mo., 1; Springfield, Ohio, 1; Tacoma, Wash., 1; Terre Haute, Ind., 1; Waterbury, Conn., 1; Watertown, N. Y., 1; Wilkesbarre, Pa., 2; Williamsport, Pa., 2; Worcester, Mass., 2; Yonkers, N. Y., 1; York, Pa., 2; Youngstown, Ohio, 2.

LIQUORS, VINOUS.

Total	58	$1,372,030	47	$61,278	147	$72,060	143	2	2	$103,087	$293,217	$669,648
Burlington, Iowa	6	2,100			2	578	2			322	1,410	4,119
Cincinnati, Ohio	5	23,175	3	2,500	8	3,930	8			5,040	14,955	34,075
Los Angeles, Cal	16	196,512	4	1,700	46	17,798	46			13,815	89,116	136,016
Newark, N. J	3	1,060			1	360	1			147	400	2,210
San Francisco, Cal	6	20,469	1	600	4	1,632	4			5,991	11,630	27,364
San Jose, Cal	3	158,436	5	6,100	12	5,478	12			9,035	24,171	51,772
All other cities[1]	19	967,278	34	50,378	74	42,284	70	2	2	68,737	151,535	414,092

[1] Includes Cleveland, Ohio, 2; Haverhill, Mass., 1; Jersey City, N. J., 1; Kansas City, Mo., 1; Lynn, Mass., 1; Nashua, N. H., 1; Newton, Mass., 1; New York, N. Y., 1; Omaha, Nebr., 1; Passaic, N. J., 1; Peoria, Ill., 1; St. Louis, Mo., 2; Springfield, Mo., 2; Toledo, Ohio, 2; Wheeling, W. Va., 1.

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

LITHOGRAPHING AND ENGRAVING.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Total	256	$22,218,292	1,403	$1,886,082	12,405	$6,683,064	10,078	1,925	402	$2,580,114	$7,490,361	$21,488,622
Baltimore, Md	6	490,415	35	22,540	281	127,801	203	50	28	51,326	180,682	499,851
Boston, Mass	13	133,452	13	10,690	113	66,269	98	14	1	16,857	58,834	209,896
Buffalo, N. Y	7	881,957	89	66,145	472	249,244	374	90	8	83,427	220,199	757,036
Chicago, Ill	23	810,555	79	104,867	627	390,344	557	46	24	99,436	661,577	1,403,526
Cincinnati, Ohio	11	2,048,728	113	145,016	954	556,267	861	92	1	130,325	617,299	1,665,116
Cleveland, Ohio	4	353,794	22	49,760	142	82,200	135	6	1	18,293	80,827	309,300
Milwaukee, Wis	7	792,057	52	88,117	427	208,010	374	41	12	66,607	221,266	715,862
New York, N. Y	94	10,658,023	572	862,783	5,474	3,063,777	4,416	829	229	1,412,338	3,296,875	9,655,798
Philadelphia, Pa	22	1,022,118	46	57,234	609	264,467	507	74	28	104,389	289,212	905,478
Pittsburg, Pa	3	53,000	3	4,100	22	9,156	20	1	1	2,652	13,205	31,600
Rochester, N. Y	5	613,172	24	25,888	344	160,091	280	61	3	42,481	226,769	534,966
St. Louis, Mo	8	459,621	49	67,049	312	161,733	241	70	1	52,414	178,400	571,004
San Francisco, Cal	6	507,263	34	53,750	330	181,106	235	95		44,505	223,079	608,345
Springfield, Mass	4	643,608	51	56,384	426	208,048	301	97	28	96,867	224,049	690,237
Washington, D. C	3	93,100	3	3,000	41	19,440	41			5,670	20,562	73,849
All other cities[1]	40	2,657,429	218	268,759	1,831	935,111	1,435	359	37	352,527	977,526	2,856,758

[1] Includes Albany, N. Y., 1; Binghamton, N. Y., 1; Chelsea, Mass., 1; Columbus, Ohio, 2; Dallas, Tex., 1; Denver, Colo., 2; Detroit, Mich., 2; Erie, Pa., 1; Grand Rapids, Mich., 1; Hartford, Conn., 2; Hoboken, N. J., 1; Holyoke, Mass., 1; Indianapolis, Ind., 2; Kansas City, Mo., 2; Los Angeles, Cal., 2; Minneapolis, Minn., 2; Newark, N. J., 1; New Orleans, La., 1; Newport, Ky., 1; Pawtucket, R. I., 1; Providence, R. I., 1; Richmond, Va., 2; St. Paul, Minn., 1; Seattle, Wash., 1; Syracuse, N. Y., 1; Tacoma, Wash., 2; Troy, N. Y., 1; Wichita, Kans., 1; Williamsport, Pa., 1; Worcester, Mass., 1.

LUMBER, PLANING MILL PRODUCTS, INCLUDING SASH, DOORS, AND BLINDS.

Total	1,362	$66,345,747	3,300	$3,335,029	40,976	$19,642,319	40,039	123	814	$4,798,286	$53,681,010	$93,102,326
Akron, Ohio	6	210,219	11	10,700	109	53,450	109			7,303	82,446	192,650
Albany, N. Y	9	413,050	11	9,520	236	112,549	221	4	11	16,023	223,997	415,044
Allegheny, Pa	9	272,117	7	6,117	143	86,483	143			20,291	197,547	376,444
Allentown, Pa	7	157,206	4	2,001	102	46,473	101		1	5,826	92,155	188,653
Altoona, Pa	7	158,075	5	2,604	98	52,108	92		6	12,994	138,803	234,358
Amsterdam, N. Y	3	65,365	2	1,565	36	16,868	36			2,020	37,891	60,595
Anderson, Ind	4	112,500	2	1,680	45	23,000	45			3,005	199,739	250,000
Atlanta, Ga	6	397,700	44	56,140	521	186,400	521			26,116	740,456	1,137,434
Augusta, Ga	4	279,850	34	33,400	255	92,000	240		15	13,697	198,340	373,120
Baltimore, Md	21	1,828,534	55	45,890	703	340,206	671		32	80,140	1,124,948	1,809,068
Bangor, Me	3	39,000			23	11,050	23			1,895	11,560	27,800
Bay City, Mich	10	1,351,175	35	34,337	417	143,144	416	1		53,060	1,063,248	1,441,101
Binghamton, N. Y	5	568,194	32	21,203	271	117,838	271			40,364	404,532	652,191
Birmingham, Ala	4	48,710	6	5,180	90	35,396	90			2,806	76,568	140,230
Bloomington, Ill	3	108,510	12	10,684	81	36,814	80		1	9,238	51,673	127,020
Boston, Mass	32	1,118,221	51	60,462	588	349,782	587		1	79,733	939,249	1,667,127
Buffalo, N. Y	22	2,851,650	66	51,554	1,573	675,473	1,533		40	164,143	1,919,163	3,095,760
Butte, Mont	3	132,031	6	2,550	28	29,206	27		1	1,590	25,459	62,767
Cambridge, Mass	6	114,962	8	9,467	107	63,282	107			12,222	129,903	234,885
Camden, N. J	4	251,035	18	19,760	115	60,936	115			18,768	216,670	371,300
Charleston, S. C	6	88,425	7	4,864	103	41,564	93		10	8,485	108,822	199,900
Chattanooga, Tenn	5	151,246	20	21,557	171	56,578	169		2	9,447	194,088	319,744
Chester, Pa	4	106,300	4	4,040	74	33,000	74			5,417	76,725	155,000
Chicago, Ill	103	3,927,750	272	285,162	3,477	1,757,960	3,346	2	129	418,585	4,041,924	7,530,387
Cincinnati, Ohio	17	548,239	31	24,832	503	274,798	503			34,022	430,978	887,253
Cleveland, Ohio	26	853,918	64	70,004	710	321,671	710			97,177	579,083	1,236,944
Clinton, Iowa	3	626,950	21	25,600	415	148,194	399		16	77,764	561,047	1,063,851
Cohoes, N. Y	3	75,900	4	2,804	86	40,675	86			1,716	60,910	118,949
Columbia, S. C	3	28,050			20	4,368	20			518	42,580	74,600
Columbus, Ohio	12	175,936	8	7,400	159	88,533	159			11,958	120,136	284,175
Covington, Ky	3	123,512	3	2,000	55	23,898	55			4,333	60,540	99,861
Dallas, Tex	4	60,878	6	5,648	84	58,188	84			6,006	81,789	175,435
Davenport, Iowa	3	94,882	8	8,300	74	39,297	69		5	5,545	105,172	170,750
Dayton, Ohio	5	299,370	22	21,870	347	193,832	347			76,748	415,120	751,724
Decatur, Ill	3	160,024	12	9,000	69	37,472	69			5,700	119,535	179,230
Denver, Colo	10	648,700	25	30,790	301	221,760	301			31,070	377,622	734,082
Des Moines, Iowa	4	122,110	5	4,952	99	49,818	99			2,719	64,953	144,171
Detroit, Mich	30	941,857	50	45,165	970	383,685	933	11	26	140,915	936,394	1,684,220
Dubuque, Iowa	7	1,324,323	55	59,890	720	287,516	700		20	76,115	1,153,661	1,729,301
Duluth, Minn	4	157,812	5	3,624	51	23,050	51			3,249	113,276	172,943
Easton, Pa	3	56,300	3	1,746	43	21,521	43			1,378	36,388	71,040
East St. Louis, Ill	3	29,190	1	840	40	23,058	40			1,893	66,091	111,368
Elizabeth, N. J	6	37,800	1	300	43	24,390	43			1,278	43,024	85,900
Elmira, N. Y	8	928,457	42	40,511	420	173,900	420			39,701	851,442	1,259,214
Erie, Pa	11	726,629	32	31,386	297	120,526	297			52,388	429,781	768,549
Evansville, Ind	10	248,295	16	15,868	226	80,695	226			10,926	145,883	332,021
Fall River, Mass	5	71,350	2	1,600	23	16,064	23			3,232	42,899	80,311
Fitchburg, Mass	3	118,422	13	9,760	55	37,408	55			4,189	144,539	228,049
Fort Wayne, Ind	7	158,800	9	6,490	86	37,480	86			6,022	158,334	227,894
Galveston, Tex	6	144,232	2	2,460	54	42,637	53		1	5,764	63,549	138,205

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

LUMBER, PLANING MILL PRODUCTS, INCLUDING SASH, DOORS, AND BLINDS—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Grand Rapids, Mich	8	$513,926	19	$19,834	255	$116,927	245		10	$40,000	$595,472	$865,930
Hamilton, Ohio	3	96,100	11	9,050	62	40,230	62			2,432	47,836	115,500
Harrisburg, Pa	4	128,720	6	4,750	82	41,814	82			3,960	83,782	150,875
Hartford, Conn	7	178,927	13	11,476	98	63,276	98			9,330	311,178	430,091
Hoboken, N. J	3	122,443	8	4,900	46	29,685	44		2	3,724	61,145	113,600
Holyoke, Mass	3	269,007	17	18,773	99	60,900	99			17,850	208,424	339,431
Houston, Tex	5	249,480	12	12,100	84	40,744	84			8,753	151,797	256,980
Indianapolis, Ind	16	618,667	41	47,329	447	193,542	435	12		130,882	432,396	894,070
Jackson, Mich	4	98,650	7	4,836	55	30,742	55			1,913	70,243	118,280
Jersey City, N. J	9	1,384,603	45	60,725	514	253,442	514			68,379	747,067	1,390,377
Joliet, Ill	6	84,920	4	4,020	34	24,173	34			5,336	50,507	101,420
Joplin, Mo	4	29,640	2	1,896	29	18,820	28		1	1,146	16,430	51,700
Kalamazoo, Mich	5	224,975	18	14,368	218	91,180	188		30	12,468	244,020	401,261
Kansas City, Mo	9	737,072	28	18,137	400	241,558	399		1	11,579	532,142	876,644
Kingston, N. Y	7	260,753	4	5,936	75	37,800	75			15,270	226,348	417,114
Knoxville, Tenn	3	35,000			40	11,660	39	1		1,478	70,449	101,400
La Crosse, Wis	3	364,300	14	16,100	232	82,578	232			18,283	247,076	401,962
Lancaster, Pa	3	139,500	7	4,048	75	41,826	75			2,136	52,359	115,450
Lawrence, Muss	3	256,465	13	12,439	128	72,982	128			18,487	124,814	248,700
Lewiston, Me	4	242,979	10	8,393	112	55,301	112			13,840	85,356	197,625
Lexington, Ky	4	109,680	12	10,040	125	64,046	122		3	9,493	125,068	258,024
Lima, Ohio	3	19,800			8	3,480	8			442	3,932	11,200
Lincoln, Nebr	3	78,990	14	11,400	80	31,641	72		8	3,809	128,805	207,500
Little Rock, Ark	5	266,910	21	18,600	215	85,644	214	1		21,284	281,470	490,700
Los Angeles, Cal	20	787,081	42	41,258	303	153,552	303			21,384	446,177	823,441
Louisville, Ky	13	496,411	33	28,719	254	107,913	252		2	40,933	275,983	490,542
Lowell, Mass	4	145,683	2	1,248	87	48,432	87			10,249	123,942	210,499
McKeesport, Pa	6	145,000	3	800	53	33,904	52		1	62,224	128,178	240,555
Macon, Ga	5	262,413	17	13,270	202	49,847	198		4	11,595	165,827	302,703
Malden, Mass	3	32,850			41	22,474	41			4,696	38,305	74,500
Manchester, N. H	5	255,805	6	4,374	115	57,997	115			15,715	116,679	213,024
Memphis, Tenn	4	218,200			166	89,200	166			4,865	87,975	245,000
Milwaukee, Wis	15	1,697,749	80	105,586	1,231	435,568	1,103		128	108,558	1,242,949	2,152,994
Minneapolis, Minn	14	1,244,311	79	80,486	900	380,970	891		9	60,663	1,547,059	2,329,769
Montgomery, Ala	3	21,000	2	1,750	31	12,220	31			1,205	10,204	36,500
Muskegon, Mich	3	188,513	7	8,060	132	48,280	127		5	7,231	58,743	134,041
Nashua, N. H	3	309,734	11	9,450	264	101,528	264			24,686	277,096	445,500
Nashville, Tenn	6	385,705	16	17,730	296	128,925	278		18	39,710	281,733	553,678
Newark, N. J	13	236,709	29	30,734	200	97,806	196	4		14,192	246,481	431,343
New Bedford, Mass	4	59,207	1	624	38	21,058	38			7,500	48,980	89,973
Newcastle, Pa	7	145,182	8	6,312	71	35,103	71			3,455	168,616	246,435
New Haven, Conn	5	631,559	21	26,993	137	64,470	137			38,605	411,111	568,910
New Orleans, La	9	485,957	29	27,182	321	127,157	321			29,841	277,191	552,251
Newport, Ky	3	79,000	3	2,175	56	18,755	54	2		2,198	62,995	104,238
New York, N. Y	126	5,811,731	267	328,237	3,620	2,094,242	3,611		9	464,955	5,250,541	9,290,689
Norfolk, Va	6	183,725	6	4,320	75	37,230	75			6,530	212,275	313,400
Norristown, Pa	3	154,684	7	4,436	54	23,941	54			3,670	39,027	91,100
Oakland, Cal	13	560,768	20	24,980	342	194,735	316		26	17,981	423,632	732,685
Omaha, Nebr	6	259,176	18	16,125	172	76,890	172			12,075	391,811	599,000
Orange, N. J	5	72,621	2	1,980	52	29,540	52			6,436	61,710	125,850
Oshkosh, Wis	5	1,368,646	34	35,430	748	288,504	674	5	69	87,381	1,061,456	1,619,836
Paterson, N. J	3	110,564	6	4,262	25	11,414	25			2,565	71,569	101,429
Peoria, Ill	3	118,106	8	6,680	59	31,533	59			16,115	88,274	158,000
Petersburg, Va	3	26,450	1	900	52	11,000	52			1,060	32,030	52,325
Philadelphia, Pa	37	2,670,749	112	114,361	1,605	807,418	1,495	66	44	168,396	1,678,773	3,200,142
Pittsburg, Pa	13	740,333	33	30,082	296	174,368	296			28,816	474,749	827,059
Portland, Me	9	400,280	22	17,952	211	117,974	211			23,253	263,019	451,100
Portland, Oreg	6	294,864	24	24,920	224	109,400	217		7	7,845	180,370	385,828
Poughkeepsie, N. Y	3	86,878	4	2,150	43	17,900	43			1,652	37,150	83,000
Providence, R. I	10	150,450	7	6,300	157	77,050	157			11,143	134,202	274,588
Quincy, Ill	7	221,129	10	7,832	167	80,240	165		2	8,923	215,324	350,334
Racine, Wis	3	167,987	5	8,630	83	38,675	83			5,772	63,189	123,957
Reading, Pa	5	178,949	6	4,666	146	69,467	146			7,280	184,636	302,339
Richmond, Va	7	391,455	29	24,938	317	122,672	317			110,928	249,966	561,886
Rochester, N. Y	17	527,127	37	33,518	368	179,774	338		30	36,273	333,425	668,594
Rockford, Ill	3	35,855	4	4,500	47	22,192	47			4,586	47,963	87,104
Sacramento, Cal	3	25,800			26	18,640	26			1,655	20,718	52,500
Saginaw, Mich	10	1,465,959	56	56,746	576	210,267	574	2		54,613	1,430,691	1,848,233
St. Louis, Mo	31	2,026,508	150	163,866	1,201	574,116	1,161		40	310,691	1,102,321	2,367,160
St. Paul, Minn	7	657,624	36	26,048	339	129,079	337	2		37,931	598,299	841,955
Salem, Mass	3	92,904	4	1,800	64	45,076	63		1	3,089	84,060	174,526
Salt Lake City, Utah	3	33,600	6	4,650	28	21,366	28			6,573	26,200	63,615
San Antonio, Tex	3	15,200	1	900	19	11,682	19			1,304	14,108	34,697
San Francisco, Cal	27	511,107	39	44,044	566	391,547	562	1	3	62,137	655,730	1,353,480
Savannah, Ga	4	204,341	10	7,900	123	43,560	122	1		10,398	145,057	227,372
Scranton, Pa	11	592,507	21	20,430	277	119,994	277			12,369	378,948	610,201
Seattle, Wash	5	52,200	10	9,000	103	68,100	103			3,194	50,327	150,780
South Bend, Ind	7	142,525	14	12,350	89	37,400	89			6,617	141,490	241,500
Spokane, Wash	7	275,751	33	31,735	243	128,253	243			29,914	327,796	566,124
Springfield, Ill	4	138,983	4	2,660	90	56,442	90			2,976	111,662	201,385

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

LUMBER, PLANING MILL PRODUCTS, INCLUDING SASH, DOORS, AND BLINDS—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Springfield, Mass	3	$261,989	14	$15,568	161	$91,697	161			$18,519	$175,150	$332,923
Springfield, Mo	3	93,300	10	6,800	54	17,089	53		1	24,440	88,675	164,763
Syracuse, N. Y	9	408,598	12	8,290	207	84,740	201	3	3	23,573	331,403	493,303
Tacoma, Wash	4	230,941	10	16,000	199	86,474	194	2	3	26,347	206,637	357,941
Toledo, Ohio	14	653,686	37	32,897	364	153,253	364			41,474	1,057,550	1,376,149
Topeka, Kans	3	75,500	1	1,500	73	32,075	71		2	3,399	95,365	156,400
Trenton, N. J	3	97,800	5	5,360	80	60,932	80			2,018	87,975	174,200
Troy, N. Y	4	64,016	3	578	63	30,518	63			3,552	61,009	117,339
Utica, N. Y	4	483,636	23	30,880	171	77,636	171			13,956	360,217	590,947
Waltham, Mass	3	48,643	3	1,916	19	13,328	19			1,941	22,849	62,000
Washington, D. C	10	252,397	20	16,095	235	109,558	233		2	106,014	204,979	498,744
Watertown, N. Y	5	157,855	7	4,682	94	45,549	92		2	8,224	168,538	262,345
Wichita, Kans	3	44,600	1	1,500	39	18,200	39			1,903	42,111	79,000
Wilkesbarre, Pa	3	57,500	1	1,000	38	20,522	38			3,739	31,203	71,258
Williamsport, Pa	13	461,693	21	35,070	338	128,593	326		12	13,742	367,513	637,116
Wilmington, Del	4	125,020	4	3,420	20	13,171	20			4,100	41,070	71,378
Worcester, Mass	3	253,406	17	18,430	152	72,512	150	2		10,580	139,461	268,405
York, Pa	6	420,060	3	2,250	281	115,625	278		3	8,786	233,430	424,250
Youngstown, Ohio	7	303,795	17	14,862	175	85,066	175			9,156	338,077	515,437
Zanesville, Ohio	3	147,500	11	8,770	53	22,632	53			7,091	92,957	142,510
All other cities[1]	83	3,082,439	171	160,655	1,826	926,324	1,809	1	16	241,363	2,537,871	4,497,797

[1] Includes Auburn, N. Y., 2; Aurora, Ill., 1; Austin, Tex., 2; Bayonne, N. J., 2; Bridgeport, Conn., 2; Brockton, Mass., 2; Burlington, Iowa, 2; Canton, Ohio, 2; Chelsea, Mass., 2; Council Bluffs, Iowa, 2; East Orange, N. J., 1; Fort Worth, Tex., 1; Gloucester, Mass., 1; Haverhill, Mass., 1; Jacksonville, Fla., 2; Jamestown, N. Y., 2; Johnstown, Pa., 1; Leavenworth, Kans., 1; Lynn, Mass., 1; Meriden, Conn., 1; Mobile, Ala., 2; Muncie, Ind., 2; New Albany, Ind., 1; New Britain, Conn., 2; New Brunswick, N. J., 2; Newburg, N. Y., 1; Newton, Mass., 2; North Adams, Mass., 1; Oswego, N. Y., 2; Passaic, N. J., 1; Pawtucket, R. I., 2; Pittsfield, Mass., 1; Pueblo, Colo., 1; Quincy, Mass., 1; Roanoke, Va., 2; St. Joseph, Mo., 2; San Jose, Cal., 2; Schenectady, N. Y., 2; Sioux City, Iowa, 2; Somerville, Mass., 1; South Omaha, Nebr., 1; Springfield, Ohio, 2; Superior, Wis., 2; Taunton, Mass., 2; Terre Haute, Ind., 2; Waco, Tex., 1; Warwick, R. I., 1; Waterbury, Conn., 2; West Hoboken, N. J., 1; Wheeling, W. Va., 2; Wilmington, N. C., 1; Woonsocket, R. I., 1; Yonkers, N. Y., 2.

MATTRESSES AND SPRING BEDS.

Total	558	$6,580,737	778	$690,598	6,340	$2,619,112	4,794	1,377	169	$930,627	$8,926,211	$15,758,880
Allegheny, Pa	4	99,363	17	15,656	119	40,643	84	33	2	9,088	173,244	254,346
Augusta, Ga	4	1,360			7	1,738	4	3		440	5,185	12,300
Austin, Tex	5	7,484	1	700	14	3,156	9	2	3	1,365	9,013	17,042
Baltimore, Md	18	194,905	22	16,678	112	43,928	95	11	6	15,414	138,332	266,590
Birmingham, Ala	4	39,974	8	4,660	25	7,340	17	8		3,834	53,842	78,120
Boston, Mass	17	263,147	67	53,556	360	156,446	234	126		81,591	608,549	1,037,811
Bridgeport, Conn	3	6,575			7	2,688	6	1		1,037	9,254	17,008
Buffalo, N. Y	8	186,629	27	25,657	129	47,526	79	48	2	17,796	174,503	299,315
Charleston, S. C	3	10,505	3	1,416	8	2,036	7	1		1,030	14,380	22,175
Chattanooga, Tenn	3	23,740	6	3,380	16	4,225	15	1		8,803	45,170	71,731
Chicago, Ill	49	528,187	71	59,784	596	284,203	496	82	18	166,998	704,802	1,488,027
Cincinnati, Ohio	9	108,193	12	6,474	111	38,009	68	43		17,526	140,696	238,476
Cleveland, Ohio	4	70,675	17	14,909	137	54,810	88	49		15,259	164,605	285,714
Denver, Colo	5	62,657	4	4,300	56	27,474	38	18		4,116	68,218	120,267
Detroit, Mich	3	155,009	26	21,802	117	51,198	89	26	2	25,316	198,116	337,883
Fort Wayne, Ind	3	15,850	2	912	20	6,898	12	7	1	3,195	13,856	30,480
Hoboken, N. J	3	10,575			8	3,160	6	1	1	480	5,500	12,900
Indianapolis, Ind	7	254,559	35	21,553	223	84,803	135	81	7	15,521	226,641	393,905
Jamestown, N. Y	4	70,470	5	4,052	45	16,660	38	4	3	9,643	69,637	117,425
Kansas City, Mo	7	41,485	1	1,000	55	29,890	44	9	2	4,882	81,723	144,015
Louisville, Ky	7	12,965	6	4,646	27	11,557	25	2		1,599	35,942	70,076
Milwaukee, Wis	8	237,380	27	23,225	205	70,155	161	25	19	13,754	399,269	575,701
Minneapolis, Minn	4	235,935	9	7,880	146	59,630	126	18	2	44,541	169,700	333,191
Nashua, N. H	3	28,400	1	520	27	11,497	20	6	1	1,542	26,887	48,721
Nashville, Tenn	3	29,371	5	4,500	37	10,803	29	8		2,602	61,115	89,049
Newark, N. J	9	39,492	5	3,900	46	20,543	35	11		8,079	73,834	119,292
New Haven, Conn	3	63,141	6	6,250	30	14,470	26	4		7,528	50,013	117,913
New Orleans, La	9	44,785	7	2,280	108	18,082	64	19	25	3,372	107,949	149,064
New York, N. Y	95	813,266	104	130,405	852	443,274	694	158		165,804	1,434,822	2,744,134
Oakland, Cal	3	15,350			17	8,504	14	2	1	1,032	21,810	42,252
Philadelphia, Pa	37	335,773	43	25,907	339	139,131	235	99	5	46,364	515,653	881,898
Pittsburg, Pa	3	172,110	7	6,900	79	34,152	60	19		23,450	157,959	245,597
Providence, R. I	4	31,825	5	2,888	43	16,811	35	8		4,730	57,106	99,840
St. Joseph, Mo	4	1,760	1	525	8	2,096	4	3	1	835	6,905	13,400
St. Paul, Minn	3	76,441	14	10,497	46	15,547	35	11		6,511	77,317	116,312
St. Louis, Mo	13	168,070	14	17,410	165	69,764	104	33	28	28,183	243,514	412,547
San Antonio, Tex	3	4,905			5	2,500	4	1		398	8,404	18,317
San Francisco, Cal	9	101,065	17	20,180	89	44,426	72	16	1	9,295	186,372	317,200
Scranton, Pa	3	69,313	5	3,725	28	12,284	22	6		3,356	33,233	75,500
Seattle, Wash	3	24,500	3	3,800	57	28,329	46	7	4	1,923	58,485	107,500
Syracuse, N. Y	4	35,569	5	4,983	35	13,817	26	9		8,247	49,391	83,056
Topeka, Kans	3	36,564	6	3,600	30	10,540	24	6		1,967	56,000	77,920
Utica, N. Y	3	29,250	5	3,616	37	19,620	28	9		3,335	44,655	87,565

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

MATTRESSES AND SPRING BEDS—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Washington, D. C	8	$95,750	9	$6,800	82	$37,806	70	12		$9,622	$85,642	$171,382
Wilkesbarre, Pa	3	13,600			8	4,184	6	2		914	18,860	27,658
Worcester, Mass	3	108,920	4	2,008	87	38,009	57	30		10,292	134,000	242,249
All other cities[1]	145	1,603,895	146	137,664	1,542	554,750	1,208	299	35	118,018	1,906,108	3,246,016

[1] Includes Albany, N. Y., 1; Allentown, Pa., 1; Altoona, Pa., 1; Atlanta, Ga., 2; Auburn, N. Y., 2; Aurora, Ill., 1; Bangor, Me., 2; Bay City, Mich., 2; Bayonne, N. J., 1; Binghamton, N. Y., 2; Bloomington, Ill., 1; Butte, Mont., 2; Cambridge, Mass., 2; Canton, Ohio, 1; Cedar Rapids, Iowa, 1; Chelsea, Mass., 1; Chester, Pa., 1; Columbus, Ohio, 1; Dallas, Tex., 1; Dayton, Ohio, 2; Decatur, Ill., 1; Dubuque, Iowa, 1; Duluth, Minn., 2; East Orange, N. J., 1; Easton, Pa., 1; Elizabeth, N. J., 2; Elmira, N. Y., 2; Erie, Pa., 1; Fall River, Mass., 1; Fitchburg, Mass., 1; Fort Worth, Tex., 2; Galveston, Tex., 2; Grand Rapids, Mich., 2; Hamilton, Ohio, 1; Harrisburg, Pa., 1; Hartford, Conn., 1; Houston, Tex., 2; Jackson, Mich., 1; Jacksonville, Fla., 2; Jersey City, N. J., 1; Johnstown, Pa., 1; Joliet, Ill., 1; Kalamazoo, Mich., 1; Kingston, N. Y., 2; Knoxville, Tenn., 2; La Crosse, Wis., 1; Lancaster, Pa., 1; Leavenworth, Kans., 2; Lexington, Ky., 2; Lima, Ohio, 1; Lincoln, Nebr., 2; Little Rock, Ark., 1; Los Angeles, Cal., 2; Lowell, Mass., 1; Lynn, Mass., 1; Memphis, Tenn., 2; Mobile, Ala., 1; New Albany, Ind., 1; New Bedford, Mass., 1; New Britain, Conn., 1; Norfolk, Va., 2; Omaha, Nebr., 1; Orange, N. J., 1; Oshkosh, Wis., 1; Oswego, N. Y., 1; Passaic, N. J., 1; Paterson, N. J., 1; Pawtucket, R. I., 1; Peoria, Ill., 1; Portland, Me., 1; Portland, Oreg., 2; Pueblo, Colo., 2; Quincy, Ill., 2; Racine, Wis., 1; Reading, Pa., 1; Richmond, Va., 2; Rochester, N. Y., 1; Rockford, Ill., 2; Salem, Mass., 1; Salt Lake City, Utah, 2; San Jose, Cal., 2; Sioux City, Iowa, 1; South Bend, Ind., 1; Spokane, Wash., 1; Springfield, Ill., 1; Springfield, Mass., 1; Springfield, Mo., 1; Springfield, Ohio, 2; Superior, Wis., 2; Taunton, Mass., 1; Terre Haute, Ind., 1; Toledo, Ohio, 2; Trenton, N. J., 2; Troy, N. Y., 1; Waco, Tex., 2; Waterbury, Conn., 1; Watertown, N. Y., 2; Wheeling, W. Va., 1; Wichita, Kans., 1; Williamsport, Pa., 1; Wilmington, Del., 2; Wilmington, N. C., 2; Yonkers, N. Y., 1; York, Pa., 2; Youngstown, Ohio, 1.

MUSICAL INSTRUMENTS AND MATERIALS, NOT SPECIFIED.

Total	193	$2,740,786	112	$110,531	1,648	$812,636	1,444	170	34	$189,519	$771,385	$2,263,963
Albany, N. Y	3	6,600			6	4,200	6			710	51,008	71,150
Boston, Mass	18	116,833	8	8,050	148	85,014	145	3		16,723	80,605	237,258
Camden, N. J	3	7,375			7	8,000	7			432	2,737	15,135
Chicago, Ill	26	346,561	24	20,267	425	213,867	409	2	14	38,793	165,770	507,293
Cincinnati, Ohio	7	107,780			9	4,350	9			1,726	8,345	20,999
Indianapolis, Ind	3	23,468	1	1,200	37	17,000	37			2,749	5,975	28,000
Jersey City, N. J	3	498,800	20	19,911	324	130,733	287	28	9	22,693	95,237	259,554
Kansas City, Mo	3	8,315	1	920	23	13,840	23			600	6,990	27,200
Milwaukee, Wis	3	13,135			7	4,488	6		1	684	1,706	9,040
Minneapolis, Minn	5	6,200			7	3,050	7			1,075	2,448	11,095
New York, N. Y	42	997,279	30	39,246	350	197,191	298	44	8	43,893	209,184	566,167
Philadelphia, Pa	16	152,008	7	3,830	70	40,703	69	1		5,855	32,645	120,188
St. Louis, Mo	5	3,700			1	520	1			808	1,500	6,667
St. Paul, Minn	3	6,950	3	1,000	9	5,220	9			1,254	2,705	27,881
San Francisco, Cal	3	10,800			5	3,595	5			809	847	8,983
All other cities[1]	50	434,982	18	16,107	220	80,865	126	92	2	50,715	103,683	347,353

[1] Includes Allegheny, Pa., 1; Austin, Tex., 1; Baltimore, Md., 2; Buffalo, N. Y., 1; Cambridge, Mass., 1; Cleveland, Ohio, 2; Columbus, Ohio, 2; Davenport, Iowa, 1; Detroit, Mich., 1; Denver, Colo., 2; Evansville, Ind., 2; Everett, Mass., 1; Hartford, Conn., 1; Holyoke, Mass., 1; Grand Rapids, Mich., 1; Los Angeles, Cal., 2; Louisville, Ky., 1; Lowell, Mass., 1; Lynn, Mass., 2; Meriden, Conn., 1; Newark, N. J., 2; New Brunswick, N. J., 1; New Orleans, La., 1; North Adams, Mass., 1; Omaha, Nebr., 1; Oshkosh, Wis., 1; Portland, Oreg., 1; Providence, R. I., 1; Rochester, N. Y., 1; Sacramento, Cal., 1; Saginaw, Mich., 2; Seattle, Wash., 1; Sioux City, Iowa, 1; Syracuse, N. Y., 1; Toledo, Ohio, 2; Trenton, N. J., 1; Williamsport, Pa., 1; Worcester, Mass., 2; Youngstown, Ohio, 1.

MUSICAL INSTRUMENTS, ORGANS AND MATERIALS.

Total	77	$2,870,887	148	$192,667	2,070	$1,065,934	1,946	64	60	$391,705	$1,383,759	$3,568,170
Baltimore, Md	4	37,100	3	2,180	21	13,108	21			2,551	13,006	44,440
Boston, Mass	4	111,738	9	6,600	112	86,621	109	3		10,226	41,613	197,928
Chicago, Ill	9	601,824	38	42,760	684	274,881	634		50	143,491	436,950	999,061
New York, N. Y	10	145,900	1	2,500	85	71,012	83		2	11,327	93,362	230,299
Philadelphia, Pa	6	40,822	1	780	52	33,850	51	1		5,944	18,550	74,411
St. Louis, Mo	4	43,350			28	13,916	28			3,555	12,457	36,490
Worcester, Mass	3	270,211	7	13,800	255	132,334	206	49		21,424	148,235	382,486
All other cities[1]	37	1,619,912	89	124,047	833	440,212	814	11	8	193,187	619,586	1,603,055

[1] Includes Albany, N. Y., 1; Austin, Tex., 1; Binghamton, N. Y., 1; Bridgeport, Conn., 1; Buffalo, N. Y., 1; Burlington, Iowa, 1; Cambridge, Mass., 2; Cleveland, Ohio, 1; Denver, Colo., 1; Detroit, Mich., 2; Easton, Pa., 1; Erie, Pa., 2; Evansville, Ind., 1; Fort Wayne, Ind., 1; Hartford, Conn., 1; Los Angeles, Cal., 1; Louisville, Ky., 2; Lowell, Mass., 1; Milwaukee, Wis., 2; New Haven, Conn., 1; Oakland, Cal., 1; Orange, N. J., 1; Providence, R. I., 2; Saginaw, Mich., 1; St. Paul, Minn., 1; Springfield, Mass., 1; Utica, N. Y., 1; Waltham, Mass., 1; Washington, D. C., 1; York, Pa., 2.

MUSICAL INSTRUMENTS, PIANOS AND MATERIALS.

Total	197	$30,571,955	991	$1,397,154	13,894	$7,749,705	13,154	347	393	$2,470,902	$11,597,408	$27,562,248
Baltimore, Md	4	1,184,650	31	41,980	447	222,748	444		3	83,697	358,630	827,371
Boston, Mass	17	4,071,544	96	162,477	1,219	816,539	1,168	51		299,600	897,353	2,641,523
Cambridge, Mass	6	1,043,260	29	31,600	733	325,135	611	122		25,069	550,555	1,168,662
Chicago, Ill	21	9,138,083	299	382,291	3,373	1,758,781	3,065	86	222	750,211	2,292,735	5,802,718
Cincinnati, Ohio	4	790,601	23	30,931	513	226,011	493	20		76,747	489,288	931,274
New York, N. Y	95	11,371,771	375	554,036	5,664	3,397,522	5,501	6	157	1,021,742	5,560,933	12,650,905
Philadelphia, Pa	7	375,042	27	34,650	184	119,716	176		8	36,047	138,791	446,108
Rochester, N. Y	3	255,148	15	19,048	268	99,805	267		1	8,601	238,700	442,032
San Francisco, Cal	3	32,150			13	11,320	13			1,708	7,776	38,100
All other cities[1]	37	2,309,706	96	140,141	1,480	772,128	1,416	62	2	167,480	1,062,647	2,613,555

[1] Includes Albany, N. Y., 2; Auburn, N. Y., 1; Aurora, Ill., 1; Bloomington, Ill., 1; Buffalo, N. Y., 1; Chester, Pa., 1; Cleveland, Ohio, 1; Denver, Colo., 1; Detroit, Mich., 2; Erie, Pa., 2; Everett, Mass., 1; Grand Rapids, Mich., 1; Hoboken, N. J., 1; Jamestown, N. Y., 1; Knoxville, Tenn., 1; Lawrence, Mass., 1; Louisville, Ky., 1; Meriden, Conn., 2; Muskegon, Mich., 1; New Haven, Conn., 1; Omaha, Nebr., 1; Orange, N. J., 1; Paterson, N. J., 2; Quincy, Mass., 1; Saginaw, Mich., 1; St. Louis, Mo., 1; Schenectady, N. Y., 1; Scranton, Pa., 1; Toledo, Ohio, 1; Trenton, N. J., 1; Worcester, Mass., 2.

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

PATENT MEDICINES AND COMPOUNDS.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Total	1,482	$28,906,096	4,015	$3,919,953	9,431	$3,554,861	4,344	4,922	165	$14,763,871	$14,383,511	$47,863,624
Akron, Ohio	6	48,416	3	2,600	5	1,194	1	4		11,124	13,435	36,250
Albany, N. Y	14	29,970	2	780	14	5,848	11	3		3,118	10,726	35,522
Atlanta, Ga	10	429,935	27	25,343	128	32,376	66	60	2	264,408	440,637	1,008,437
Baltimore, Md	48	990,864	114	176,054	435	134,530	179	247	9	427,288	467,915	1,707,336
Binghamton, N. Y	13	647,252	30	15,006	102	35,002	40	62		130,679	228,819	839,162
Birmingham, Ala	4	12,110	9	3,335	11	4,800	9	2		3,939	11,586	32,500
Boston, Mass	68	718,552	126	119,189	259	115,805	140	119		499,441	802,352	1,980,191
Buffalo, N. Y	44	1,105,432	61	60,045	462	194,763	148	312	2	1,007,613	317,218	1,855,808
Cambridge, Mass	4	236,326	4	5,160	174	44,092	56	115	3	15,086	125,593	205,875
Camden, N. J	6	109,899	16	19,366	10	4,911	7	3		19,319	13,225	46,241
Chattanooga, Tenn	7	145,078	29	25,294	118	51,265	41	77		28,140	95,930	284,204
Chelsea, Mass	4	22,834	1	416	9	4,610	5	4		5,693	9,928	32,611
Chicago, Ill	168	2,225,562	537	488,758	783	321,124	321	445	17	1,483,046	1,228,863	4,651,888
Cincinnati, Ohio	41	281,223	58	43,512	189	57,406	83	105	1	183,120	149,551	584,666
Cleveland, Ohio	10	147,136	29	30,780	42	19,153	24	18		25,005	84,129	213,635
Cohoes, N. Y	3	515			3	708	1	2		660	1,920	5,800
Columbus, Ohio	7	675,495	30	28,045	125	46,352	47	78		607,418	476,313	1,557,494
Dallas, Tex	7	46,825	7	9,900	36	13,280	23	13		10,465	48,950	137,800
Dayton, Ohio	6	430,002	24	33,640	41	10,572	9	32		45,288	54,412	215,999
Decatur, Ill	3	24,954	6	6,146	13	4,650	7	6		2,982	13,078	29,530
Denver, Colo	6	36,046	22	33,900	32	16,160	17	15		19,509	50,575	124,348
Des Moines, Iowa	8	415,327	82	57,631	109	31,886	43	66		159,831	132,287	652,444
Detroit, Mich	32	557,282	164	124,521	320	90,050	100	217	3	166,821	255,310	859,358
Erie, Pa	7	54,924	7	4,422	17	5,225	8	8	1	8,614	20,839	48,302
Evansville, Ind	6	13,700	11	8,884	30	6,852	4	15	11	11,197	32,695	83,418
Fall River, Mass	4	4,910			2	1,200	2			857	12,625	22,200
Grand Rapids, Mich	9	405,701	33	34,056	87	34,419	54	33		113,655	164,649	424,917
Harrisburg, Pa	5	23,133	1	1,000	5	2,360	3	2		1,610	9,455	20,080
Hartford, Conn	6	33,125	4	3,380	4	1,956	3	1		3,753	7,820	35,825
Houston, Tex	4	25,860	5	6,750	10	2,550	4	4	2	9,914	17,874	49,374
Indianapolis, Ind	26	350,910	129	132,169	213	94,513	93	119	1	135,702	308,660	770,520
Jamestown, N. Y	3	10,050			1	321	1			527	3,309	6,000
Jersey City, N. J	4	62,072	7	7,990	22	11,174	21	1		50,537	38,016	146,883
Joliet, Ill	3	33,134	16	9,279	13	3,812	3	10		11,367	12,721	42,791
Kalamazoo, Mich	3	344,150	35	46,320	69	49,483	40	29		29,308	128,948	306,200
Kansas City, Kans	3	1,165			2	572	1	1		541	725	4,150
Kansas City, Mo	19	38,145	9	5,920	48	16,655	35	11	2	24,879	38,126	133,540
Kingston, N. Y	6	50,910	16	13,184	25	7,844	7	17	1	57,333	39,540	158,252
Lewiston, Me	3	1,100			1	305	1			349	1,278	2,660
Los Angeles, Cal	16	42,810	13	8,318	28	11,644	20	6	2	16,260	31,014	91,657
Louisville, Ky	29	247,466	56	56,504	108	43,978	82	25	1	341,484	268,924	939,930
Lowell, Mass	10	824,412	116	119,632	391	140,921	197	192	2	1,075,238	404,737	1,784,338
Lynn, Mass	5	741,010	15	18,400	324	44,074	107	217		641,105	273,087	1,338,833
Memphis, Tenn	5	71,550	9	17,600	33	13,856	17	16		60,278	77,515	225,900
Milwaukee, Wis	15	49,365	1	240	14	8,012	13	1		7,916	28,920	70,499
Minneapolis, Minn	36	385,588	101	57,492	55	21,886	25	29	1	68,370	109,659	376,108
Nashua, N. H	3	19,425	3	6,215	7	2,723	3	4		43,912	13,030	111,209
Nashville, Tenn	3	57,300	14	13,800	28	7,458	7	21		3,990	70,695	123,166
Newark, N. J	6	20,560	6	5,000	20	8,786	11	9		29,449	14,922	70,907
Newburg, N. Y	4	25,080	11	9,369	9	3,599	4	5		15,347	13,308	47,159
New Haven, Conn	16	138,266	70	31,077	34	12,909	14	20		85,693	67,153	257,719
New Orleans, La	7	473,538	72	130,130	154	63,529	88	58	8	78,907	259,972	730,731
New York, N. Y	180	7,256,270	716	839,297	1,578	671,519	792	781	5	3,438,778	2,898,491	9,792,820
Norfolk, Va	4	2,550			6	1,404	4	2		937	3,693	8,834
Omaha, Nebr	11	46,200	14	11,840	26	13,860	17	9		24,588	35,989	107,434
Pawtucket, R. I	3	15,841	3	6,509	4	2,260	4			879	24,151	51,345
Peoria, Ill	6	13,885	1	600	9	3,858	6	3		3,052	12,005	31,322
Philadelphia, Pa	78	2,116,874	219	186,839	659	255,285	326	328	5	760,607	973,389	3,013,034
Pittsburg, Pa	9	226,388	66	39,639	105	42,352	58	47		133,080	289,287	685,148
Pittsfield, Mass	3	8,972	4	3,300	2	350	2			7,635	4,260	15,831
Portland, Me	6	16,764	4	4,500	18	6,066	7	8	3	6,740	27,392	59,490
Portland, Oreg	8	19,310	5	3,008	13	3,898	8	4	1	4,636	11,824	33,072
Poughkeepsie, N. Y	4	29,875	1	400	17	10,276	13	4		22,857	101,503	276,302
Providence, R. I	14	90,638	4	4,040	44	17,941	21	23		16,696	57,312	147,739
Quincy, Ill	4	7,202	2	900	4	1,500	3	1		4,409	4,199	16,882
Rochester, N. Y	29	393,325	80	35,591	65	28,533	32	30	3	197,134	103,410	509,180
Rockford, Ill	3	2,755	4	3,900	1	500	1			2,015	2,753	9,900
Sacramento, Cal	3	5,600			4	2,640	4			2,062	5,004	12,300
Saginaw, Mich	4	3,592			5	500			5	3,470	5,937	15,918
St. Joseph, Mo	4	19,425	12	5,592	8	3,270	6	1	1	5,024	10,636	34,427
St. Louis, Mo	78	2,054,745	309	317,361	591	202,465	311	246	34	779,449	764,711	2,599,010
St. Paul, Minn	21	55,942	34	27,862	49	15,643	22	26	1	45,726	45,357	219,637
Salt Lake City, Utah	3	3,785	1	500	4	1,920	4			868	2,125	7,473
San Francisco, Cal	30	498,256	38	43,410	178	83,606	58	108	2	143,003	528,011	1,020,437
Savannah, Ga	3	31,000	2	1,700	21	5,016	6	15		9,050	25,926	74,500

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

PATENT MEDICINES AND COMPOUNDS—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Schenectady, N. Y	3	$100,510	14	$8,400	18	$5,724	1	17	-------	$201,091	$13,771	$247,400
Scranton, Pa	6	3,925	1	400	6	1,780	2	3	1	2,019	4,305	11,470
South Bend, Ind	9	73,672	41	21,496	61	25,320	23	38	-------	87,125	23,358	184,047
Springfield, Mass	5	8,175	1	500	3	1,560	3	-------	-------	1,546	5,442	19,025
Springfield, Ohio	6	125,151	33	37,576	16	6,442	10	6	-------	18,085	32,325	121,554
Syracuse, N. Y	10	30,785	11	8,868	6	2,297	4	2	-------	11,664	19,589	46,193
Tacoma, Wash	5	6,819	3	3,137	30	20,810	27	3	-------	4,084	6,923	41,533
Terre Haute, Ind	3	6,050	-------	-------	11	3,420	5	6	-------	1,922	8,423	18,000
Toledo, Ohio	7	166,593	13	10,388	42	13,478	17	25	-------	219,127	85,192	436,350
Trenton, N. J	3	22,793	-------	-------	1	400	1	-------	-------	449	510	3,320
Waco, Tex	3	3,350	-------	-------	2	255	1	-------	1	1,961	1,392	5,145
Washington, D. C	16	314,755	108	32,826	63	16,177	18	45	-------	45,723	45,779	272,570
Wheeling, W. Va	3	13,800	-------	-------	3	844	2	1	-------	616	9,485	16,500
Wichita, Kans	3	6,999	6	3,520	7	1,800	3	4	-------	1,608	8,770	23,710
Worcester, Mass	7	31,860	4	7,900	25	13,134	17	8	-------	3,437	14,645	99,750
Yonkers, N. Y	4	174,407	35	115,117	80	30,711	35	40	5	233,713	221,653	744,784
York, Pa	4	16,300	1	1,800	13	5,300	8	5	-------	6,696	25,352	53,294
All other cities[1]	92	994,584	84	74,685	459	167,594	206	224	29	262,225	416,264	1,256,572

[1] Includes Allegheny, Pa., 2; Anderson, Ind., 1; Auburn, N. Y., 1; Augusta, Ga., 1; Austin, Tex., 2; Bangor, Me., 1; Bay City, Mich., 1; Bloomington, Ill., 1; Bridgeport, Conn., 1; Brockton, Mass., 1; Burlington, Iowa, 1; Butte, Mont., 1; Canton, Ohio, 1; Cedar Rapids, Iowa, 2; Charleston, S. C., 1; Chester, Pa., 1; Clinton, Iowa, 1; Council Bluffs, Iowa, 2; East St. Louis, Ill., 1; Elmira, N. Y., 2; Everett, Mass., 1; Fort Wayne, Ind., 1; Gloucester, Mass., 2; Hamilton, Ohio, 1; Hoboken, N. J., 2; Holyoke, Mass., 1; Jackson, Mich., 2; Jacksonville, Fla., 1; Joplin, Mo., 1; Knoxville, Tenn., 2; La Crosse, Wis., 1; Lancaster, Pa., 2; Lawrence, Mass., 1; Leavenworth, Kans., 1; Lexington, Ky., 1; Lima, Ohio, 1; Lincoln, Nebr., 1; McKeesport, Pa., 2; Macon, Ga., 1; Malden, Mass., 2; Manchester, N. H., 1; Muncie, Ind., 2; New Brunswick, N. J., 1; Newcastle, Pa., 1; Norristown, Pa., 2; Orange, N. J., 1; Oshkosh, Wis., 2; Paterson, N. J., 1; Racine, Wis., 2; Reading, Pa., 1; Richmond, Va., 2; Roanoke, Va., 1; Seattle, Wash., 1; Sioux City, Iowa, 1; Somerville, Mass., 1; South Omaha, Nebr., 1; Springfield, Ill., 2; Superior, Wis., 1; Topeka, Kans., 1; Troy, N. Y., 2; Utica, N. Y., 2; Waltham, Mass., 2; Waterbury, Conn., 1; Watertown, N. Y., 1; Wilkesbarre, Pa., 1; Williamsport, Pa., 1; Wilmington, Del., 2; Woonsocket, R. I., 2; Zanesville, Ohio, 1.

POTTERY, TERRA COTTA, AND FIRE-CLAY PRODUCTS.

Total	271	$26,778,142	1,125	$1,270,406	17,518	$7,477,353	14,706	2,531	281	$1,613,213	$5,154,721	$18,860,091
Akron, Ohio	18	1,455,246	45	42,229	900	411,849	785	113	2	64,474	215,456	867,116
Baltimore, Md	9	422,339	26	25,793	501	199,177	339	80	82	26,284	100,191	446,706
Boston, Mass	7	315,894	20	13,063	155	67,435	137	18	-------	36,456	48,758	196,540
Canton, Ohio	3	131,800	5	5,000	76	27,734	67	9	-------	8,714	23,050	81,481
Chattanooga, Tenn	3	93,489	9	8,485	194	63,689	193	-------	1	49,885	56,953	192,287
Chicago, Ill	9	708,073	19	49,235	334	176,920	329	-------	5	38,739	67,356	400,077
Cincinnati, Ohio	7	413,379	27	23,495	287	124,070	211	76	-------	19,056	62,294	291,062
Denver, Colo	5	278,590	21	26,692	79	37,385	77	1	1	6,990	14,984	89,150
Evansville, Ind	3	146,591	5	4,720	166	80,380	126	34	6	6,459	34,351	157,892
Indianapolis, Ind	3	340,944	13	13,900	190	69,691	114	76	-------	13,394	50,886	234,200
Jersey City, N. J	3	275,158	6	19,950	86	51,282	84	2	-------	50,426	178,042	306,405
Johnstown, Pa	3	345,626	12	10,346	611	260,999	605	1	5	7,422	137,142	459,202
Los Angeles, Cal	7	295,039	9	10,560	57	31,959	55	-------	2	7,952	48,093	104,706
Newark, N. J	4	35,600	5	2,872	16	6,684	14	-------	2	1,062	3,999	16,425
New Haven, Conn	3	45,245	8	10,476	36	17,440	36	-------	-------	2,812	19,863	54,330
New Orleans, La	3	10,865	1	700	20	6,388	17	-------	3	585	5,517	21,877
New York, N. Y	17	1,867,408	74	91,143	934	394,029	807	127	-------	198,993	214,625	1,144,780
Philadelphia, Pa	16	986,511	37	41,138	494	228,887	481	11	2	38,309	132,151	556,650
Pittsburg, Pa	8	2,774,471	143	136,964	1,995	509,035	1,978	16	1	86,252	839,153	2,118,902
Reading, Pa	3	240,815	7	6,804	86	27,011	84	-------	2	1,770	28,688	105,128
St. Louis, Mo	13	2,393,731	101	134,761	1,254	493,755	1,242	-------	12	156,619	288,899	1,257,572
Syracuse, N. Y	4	557,125	15	21,090	424	154,072	273	151	-------	22,892	75,539	291,767
Taunton, Mass	6	248,429	15	13,418	145	71,562	143	-------	2	15,823	52,698	191,333
Trenton, N. J	29	7,096,775	198	260,011	4,289	2,343,754	3,284	887	118	385,759	1,196,291	4,785,142
Washington, D. C	6	256,200	5	6,300	109	37,594	109	-------	-------	8,406	28,385	117,003
Zanesville, Ohio	10	1,046,403	132	108,609	1,462	465,216	950	511	1	82,504	438,720	1,245,262
All other cities[1]	69	3,996,396	167	182,652	2,618	1,119,356	2,166	418	34	275,176	792,637	3,127,096

[1] Includes Albany, N. Y., 2; Allegheny, Pa., 1; Allentown, Pa., 2; Anderson, Ind., 1; Atlanta, Ga., 2; Bangor, Me., 1; Bridgeport, Conn., 1; Buffalo, N. Y., 1; Butte, Mont., 1; Cambridge, Mass., 2; Chester, Pa., 1; Cleveland, Ohio, 2; Covington, Ky., 1; Dayton, Ohio, 1; Des Moines, Iowa, 1; Detroit, Mich., 2; Elmira, N. Y., 1; Everett, Mass., 1; Hamilton, Ohio, 1; Harrisburg, Pa., 1; Hartford, Conn., 2; Jackson, Mich., 1; Jamestown, N. Y., 1; Joplin, Mo., 1; Kansas City, Mo., 1; Lancaster, Pa., 2; Louisville, Ky., 2; Milwaukee, Wis., 2; Minneapolis, Minn., 1; Muncie, Ind., 1; Nashville, Tenn., 1; New Albany, Ind., 2; New Brunswick, N. J., 2; Norristown, Pa., 1; Oakland, Cal., 2; Peoria, Ill., 1; Portland, Me., 1; Portland, Oreg., 2; Pueblo, Colo., 1; Rochester, N. Y., 2; Salt Lake City, Utah, 2; San Francisco, Cal., 1; Scranton, Pa., 2; Spokane, Wash., 1; Toledo, Ohio, 1; Troy, N. Y., 2; Utica, N. Y., 1; Wheeling, W. Va., 2; York, Pa., 1; Youngstown, Ohio, 1.

PRINTING AND PUBLISHING, BOOK AND JOB.

Total	5,469	$93,727,426	9,600	$8,704,338	66,321	$34,548,428	50,704	13,759	1,858	$16,236,367	$35,051,832	$118,949,192
Akron, Ohio	13	2,195,040	111	98,611	903	431,763	583	320	-------	375,444	535,907	1,821,296
Albany, N. Y	29	1,253,446	77	68,202	685	347,876	524	148	13	181,168	332,316	1,244,810
Allegheny, Pa	16	79,566	7	4,728	87	40,394	62	17	8	10,800	42,482	129,289
Allentown, Pa	8	66,048	3	1,118	30	11,303	24	3	3	5,116	15,195	44,885
Amsterdam, N. Y	3	7,300	-------	-------	9	3,068	5	-------	3	609	2,662	12,400

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

PRINTING AND PUBLISHING, BOOK AND JOB—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Anderson, Ind	5	$8,800	3	$1,600	7	$3,100	5	-------	2	$1,815	$10,472	$28,300
Atlanta, Ga	17	365,085	31	28,160	409	150,562	280	107	22	26,613	143,149	405,964
Auburn, N. Y	6	23,350	1	300	21	6,338	10	11	-------	1,361	8,099	25,325
Augusta, Ga	6	82,500	2	2,560	212	25,427	151	61	-------	3,595	19,186	70,132
Aurora, Ill	4	22,150	-------	-------	31	11,200	31	-------	-------	1,428	13,199	38,200
Austin, Tex	5	82,200	-------	-------	94	60,275	89	5	-------	6,006	29,854	115,880
Baltimore, Md	142	1,285,980	148	133,600	1,178	505,903	949	165	64	196,111	690,446	2,037,037
Bangor, Me	9	46,875	1	364	39	15,283	23	15	1	3,215	20,612	59,208
Bay City, Mich	6	37,950	5	3,484	26	12,155	22	3	1	3,712	10,858	42,917
Binghamton, N. Y	11	32,400	1	1,000	18	5,656	12	1	5	2,030	9,195	28,582
Birmingham, Ala	5	87,643	14	14,544	99	52,685	83	16	-------	6,094	63,410	148,699
Bloomington, Ill	7	90,400	18	15,516	122	44,830	69	38	15	5,744	61,946	147,383
Boston, Mass	280	5,870,499	708	582,807	3,077	1,663,282	2,232	757	88	1,723,336	1,752,274	8,183,215
Bridgeport, Conn	11	72,672	10	8,180	56	24,902	49	7	-------	6,318	25,036	87,282
Brockton, Mass	9	100,140	8	6,750	78	44,707	71	4	3	13,427	71,243	180,350
Buffalo, N. Y	87	1,517,303	101	92,661	1,071	522,369	808	218	45	137,789	475,302	1,455,933
Burlington, Iowa	5	63,362	20	14,694	60	16,791	33	23	4	4,645	22,243	71,100
Butte, Mont	3	5,625	1	1,500	2	1,096	2	-------	-------	627	1,651	6,800
Cambridge, Mass	17	961,932	84	54,371	873	468,527	467	400	6	97,649	455,284	1,242,492
Camden, N. J	14	68,357	5	2,866	37	13,696	35	-------	2	3,544	19,195	58,252
Canton, Ohio	7	31,875	-------	-------	23	10,329	19	4	-------	1,544	7,111	26,382
Cedar Rapids, Iowa	5	42,614	3	3,028	54	21,898	44	10	-------	4,417	23,563	71,803
Charleston, S. C	7	182,417	22	15,990	121	49,542	84	37	-------	11,145	72,390	203,032
Chattanooga, Tenn	10	51,060	19	13,250	100	37,310	57	42	1	5,645	48,064	129,425
Chelsea, Mass	6	17,545	-------	-------	21	8,022	11	9	1	2,011	5,678	23,296
Chester, Pa	4	14,250	-------	-------	5	1,800	3	-------	2	746	3,548	15,900
Chicago, Ill	594	12,540,430	1,816	1,750,818	9,531	4,674,796	7,247	2,086	198	2,947,234	4,955,114	18,536,364
Cincinnati, Ohio	115	1,630,554	127	127,762	1,617	784,122	1,249	335	33	177,234	866,618	2,513,458
Cleveland, Ohio	69	1,107,419	150	141,306	981	496,319	772	195	14	117,084	700,052	1,787,106
Clinton, Iowa	3	25,300	3	4,475	15	4,968	10	4	1	1,022	7,327	21,820
Cohoes, N. Y	3	35,985	-------	-------	29	12,480	26	-------	3	1,322	8,797	35,242
Columbia, S. C	6	17,190	5	3,100	61	20,550	57	4	-------	1,808	9,173	44,580
Columbus, Ohio	22	172,060	29	22,082	206	97,045	150	48	8	17,874	91,188	282,915
Council Bluffs, Iowa	4	10,950	-------	-------	11	4,854	10	-------	1	1,226	4,240	15,560
Covington, Ky	5	16,325	-------	-------	13	5,527	12	1	-------	1,682	7,178	19,145
Dallas, Tex	20	207,207	21	16,080	145	78,226	117	24	4	27,870	74,247	284,178
Davenport, Iowa	11	104,828	12	12,508	87	39,376	71	15	1	11,654	40,683	133,573
Dayton, Ohio	18	277,477	59	39,899	186	85,500	142	40	4	55,415	173,335	431,840
Decatur, Ill	5	19,075	6	2,209	16	6,696	16	-------	-------	2,303	9,244	27,310
Denver, Colo	52	604,486	56	59,274	390	251,561	327	54	9	92,676	183,266	808,895
Des Moines, Iowa	22	313,060	40	36,164	357	155,160	296	56	5	27,516	170,413	463,934
Detroit, Mich	91	927,233	426	165,476	831	394,301	612	191	28	128,950	383,633	1,417,275
Dubuque, Iowa	5	44,883	5	3,280	46	21,906	36	6	4	3,606	22,127	70,395
Duluth, Minn	10	82,262	9	7,317	93	49,193	73	16	4	10,376	31,057	133,614
Elgin, Ill	3	98,546	6	4,000	39	15,329	23	15	1	22,742	30,536	87,100
Elizabeth, N. J	5	291,350	15	17,885	195	98,150	132	63	-------	18,096	92,844	312,766
Elmira, N. Y	11	44,635	2	660	27	8,344	21	1	5	2,335	19,652	43,876
Erie, Pa	10	106,512	2	624	71	33,652	44	24	3	3,644	28,180	108,904
Evansville, Ind	7	81,627	10	7,721	94	34,666	63	31	-------	7,064	44,147	109,815
Fall River, Mass	9	50,938	2	1,018	37	18,669	31	4	2	5,110	22,815	66,581
Fitchburg, Mass	6	13,275	-------	-------	11	6,770	10	1	-------	1,254	5,893	19,338
Fort Wayne, Ind	4	80,432	8	8,492	59	23,435	42	13	4	3,762	54,550	88,886
Fort Worth, Tex	7	60,793	11	10,339	50	23,993	36	10	4	9,380	29,087	85,224
Galveston, Tex	7	48,725	7	6,810	36	16,510	29	3	4	3,954	8,189	44,225
Grand Rapids, Mich	22	1,062,657	20	21,530	244	88,739	187	55	2	26,651	84,609	278,431
Hamilton, Ohio	3	11,535	-------	-------	15	4,806	6	8	1	1,074	7,475	20,950
Harrisburg, Pa	14	219,921	9	8,009	198	89,891	130	66	2	24,047	57,336	210,155
Hartford, Conn	38	1,028,315	49	55,293	442	236,111	331	108	3	151,533	252,420	876,854
Haverhill, Mass	12	44,625	4	2,680	49	26,251	43	6	-------	3,644	14,457	71,550
Hoboken, N. J	10	26,740	-------	-------	20	11,669	20	-------	-------	2,249	13,341	44,799
Holyoke, Mass	12	139,844	29	27,642	158	62,716	110	33	15	31,553	80,087	237,648
Houston, Tex	16	153,783	14	9,860	103	53,781	85	10	8	15,143	48,815	157,059
Indianapolis, Ind	47	911,693	159	119,842	746	351,393	577	148	21	472,194	385,885	1,536,652
Jackson, Mich	3	14,286	-------	-------	15	7,997	13	2	-------	1,091	5,677	21,935
Jacksonville, Fla	9	96,392	5	5,050	86	36,962	66	16	4	5,613	25,850	95,342
Jamestown, N. Y	8	25,080	-------	-------	15	6,166	12	2	1	1,796	10,100	30,648
Jersey City, N. J	18	454,023	27	29,004	442	175,166	233	164	45	22,195	206,977	488,795
Johnstown, Pa	5	14,500	-------	-------	16	3,327	5	4	7	1,123	7,117	19,497
Joliet, Ill	5	14,438	3	1,680	14	4,092	13	1	-------	1,550	5,903	16,466
Kalamazoo, Mich	10	203,239	26	14,114	158	55,738	113	45	-------	15,125	75,055	194,448
Kansas City, Kans	5	12,400	-------	-------	12	5,443	10	2	-------	1,171	6,170	18,300
Kansas City, Mo	63	720,010	166	114,805	804	419,784	598	181	25	102,835	333,089	1,187,253
Kingston, N. Y	4	9,200	-------	-------	7	2,554	6	-------	1	436	1,738	9,400
Knoxville, Tenn	6	79,690	7	7,450	108	37,493	92	16	-------	5,459	32,535	110,301
La Crosse, Wis	4	10,550	1	400	8	2,600	7	1	-------	964	4,768	12,250
Lancaster, Pa	9	149,110	3	3,500	71	31,265	58	11	2	5,914	17,546	73,075
Lawrence, Mass	6	20,470	1	750	14	5,625	12	1	1	1,673	8,719	22,199
Leavenworth, Kans	4	62,675	5	4,800	38	19,250	32	6	-------	7,314	23,776	70,500
Lewiston, Me	7	26,227	-------	-------	18	8,574	17	1	-------	1,722	6,657	22,960
Lexington, Ky	10	41,550	7	2,168	54	18,531	42	12	-------	4,523	23,469	63,300

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

PRINTING AND PUBLISHING, BOOK AND JOB—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Lima, Ohio	3	$8,200			4	$1,186	3	1		$1,153	$4,535	$12,450
Lincoln, Nebr	10	94,270	10	$7,610	109	42,935	88	21		11,197	58,883	143,920
Little Rock, Ark	5	80,510	11	10,332	59	35,810	51	5	3	6,945	47,230	129,000
Los Angeles, Cal	47	182,626	18	18,158	230	114,143	188	26	16	30,807	106,470	391,370
Louisville, Ky	45	631,577	60	60,257	601	235,535	429	146	26	59,249	319,998	854,547
Lowell, Mass	16	64,932	8	2,811	53	28,592	49	1	3	7,873	29,435	85,790
Lynn, Mass	14	104,141	8	6,050	83	41,751	77	4	2	7,381	44,829	141,452
Macon, Ga	6	32,225	4	2,400	35	11,523	31	4		3,967	14,535	43,350
Malden, Mass	7	21,845			23	9,966	18	3	2	3,191	8,447	28,957
Manchester, N. H	13	29,125			30	14,100	23	6	1	2,951	11,439	38,639
Memphis, Tenn	17	225,750	15	23,529	215	92,370	198	15	2	16,589	118,849	354,647
Meriden, Conn	5	69,559	8	6,364	38	20,243	30	7	1	1,871	14,114	51,955
Milwaukee, Wis	58	746,478	59	57,924	562	225,622	515	18	29	65,785	242,234	750,896
Minneapolis, Minn	73	474,357	63	57,296	548	253,200	433	103	12	68,706	209,474	770,839
Mobile, Ala	9	54,205			66	24,948	59	4	3	4,941	20,949	71,730
Montgomery, Ala	6	39,401	2	2,400	56	14,287	39	12	5	3,258	16,066	48,929
Muncie, Ind	6	18,315	5	2,200	32	12,236	25	7		2,387	19,143	48,567
Nashua, N. H	4	8,100			9	3,525	7	2		863	3,743	13,000
Nashville, Tenn	18	595,143	55	57,616	371	186,294	287	73	11	34,893	224,391	613,439
New Albany, Ind	4	2,275			3	535	2		1	482	1,937	5,645
Newark, N. J	54	624,712	104	89,403	493	203,380	360	119	14	37,570	185,153	674,321
New Bedford, Mass	8	29,613	4	1,928	26	11,658	20	5	1	2,279	15,456	46,550
New Britain, Conn	3	18,734	2	1,214	13	5,759	11		2	1,277	7,044	19,817
New Brunswick, N. J	5	26,100			18	8,550	15	2	1	1,707	9,031	25,778
Newcastle, Pa	3	18,950	1	150	8	3,150	7	1		887	5,172	17,929
New Haven, Conn	35	513,982	47	31,474	285	127,832	218	67		132,459	184,999	583,889
New Orleans, La	51	507,670	61	57,218	452	183,062	381	41	30	48,889	150,577	573,987
Newton, Mass	3	8,940			17	8,300	10	7		525	3,844	18,100
New York, N. Y	996	19,107,954	1,552	1,689,166	12,857	7,730,447	10,829	1,915	113	4,404,740	7,206,921	26,484,933
Norfolk, Va	15	75,618	7	4,010	73	32,884	65	5	3	11,693	33,242	108,331
North Adams, Mass	4	24,460	1	600	24	12,182	24			1,865	5,590	25,868
Oakland, Cal	16	47,295	5	3,800	43	17,839	30	10	3	5,200	19,454	69,009
Omaha, Nebr	38	459,714	59	55,737	395	196,739	319	62	14	65,326	228,717	668,567
Oshkosh, Wis	6	30,067			31	12,003	27	3	1	2,837	12,289	33,325
Oswego, N. Y	5	98,188	8	2,782	36	16,750	27	8	1	3,286	16,693	46,117
Paterson, N. J	12	45,796			29	11,756	25	3	1	6,821	11,147	43,465
Pawtucket, R. I	8	151,100	18	13,500	89	35,354	52	32	5	7,303	74,810	154,550
Peoria, Ill	12	143,340	14	12,016	169	72,566	132	32	5	9,244	88,758	226,576
Petersburg, Va	4	35,590	2	1,200	27	6,160	25	2		1,761	17,352	43,486
Philadelphia, Pa	401	11,539,833	844	775,094	5,327	2,508,317	3,856	1,207	264	1,626,292	2,948,999	10,066,740
Pittsburg, Pa	67	1,100,015	90	75,076	886	434,481	581	249	56	116,728	513,223	1,396,292
Pittsfield, Mass	4	7,964			6	1,926	3		3	1,443	1,297	8,620
Portland, Me	22	188,830	20	14,884	159	78,727	129	29	1	19,711	79,218	244,789
Portland, Oreg	32	285,972	25	26,515	140	76,753	118	16	6	25,945	105,600	315,506
Poughkeepsie, N. Y	7	61,360	2	2,100	60	25,496	49	4	7	3,809	16,057	75,449
Providence, R. I	47	421,297	48	53,539	446	201,182	320	108	18	52,091	250,706	667,328
Pueblo, Colo	4	24,000	3	3,520	21	11,354	20	1		2,241	13,359	42,100
Quincy, Ill	12	103,004	11	10,876	122	41,958	84	25	13	6,598	51,631	135,461
Racine, Wis	3	16,200	1	672	21	8,500	17	4		1,071	9,115	22,550
Reading, Pa	17	121,607			63	27,485	54		9	7,062	35,020	99,447
Richmond, Va	18	1,048,768	64	55,223	291	142,035	225	61	5	95,913	147,009	538,682
Roanoke, Va	3	94,694	9	6,608	74	32,439	52	22		7,428	40,958	96,064
Rochester, N. Y	52	495,819	47	23,828	362	130,402	256	83	23	80,006	137,846	524,296
Rockford, Ill	7	53,533	5	4,835	66	25,246	52	12	2	3,956	26,942	72,356
Sacramento, Cal	5	52,062	3	3,000	27	22,247	26		1	5,083	12,721	54,391
Saginaw, Mich	11	106,717	2	1,100	57	23,527	45	12		6,237	27,096	81,078
St. Joseph, Mo	9	169,150	20	14,420	240	121,529	137	95	8	12,374	96,359	302,060
St. Louis, Mo	173	3,560,128	524	481,141	2,329	1,129,757	1,653	546	130	648,828	2,016,560	4,420,147
St. Paul, Minn	47	577,999	195	127,902	395	188,808	336	48	11	163,324	289,164	923,909
Salem, Mass	7	23,300	3	900	32	12,057	18	10	4	3,966	13,707	41,330
Salt Lake City, Utah	10	117,273	16	14,082	96	44,689	79	9	8	13,082	52,795	144,644
San Antonio, Tex	11	123,757	11	13,390	191	107,548	144	42	5	8,665	90,116	290,900
San Francisco, Cal	105	1,370,577	104	109,514	1,183	667,566	915	207	61	137,002	656,344	2,022,649
San Jose, Cal	15	98,895	4	5,020	50	22,482	37	12	1	8,073	20,869	77,500
Savannah, Ga	5	72,320	8	3,696	75	32,961	59	16		6,896	34,800	91,430
Schenectady, N. Y	5	31,150	1	150	6	3,518	6			2,483	3,706	13,250
Scranton, Pa	13	74,898	3	1,280	50	22,715	42		8	5,715	21,464	66,717
Seattle, Wash	22	164,738	23	20,149	161	98,230	130	24	7	23,231	81,969	285,688
Sioux City, Iowa	9	179,421	12	12,420	78	28,143	70	6	2	15,119	40,532	118,232
Somerville, Mass	5	7,200			3	2,514	3			820	2,882	12,765
South Bend, Ind	7	30,800	2	1,561	39	15,878	26	11	2	3,423	19,315	55,561
Spokane, Wash	11	86,961	9	10,630	72	49,122	59	12	1	8,956	28,989	128,541
Springfield, Ill	9	124,625	14	11,030	118	50,647	100	13	5	10,646	34,076	129,602
Springfield, Mass	22	565,986	121	120,686	189	103,890	134	54	1	214,166	132,963	750,710
Springfield, Mo	8	27,150			17	6,846	14	3		5,030	10,063	41,600
Springfield, Ohio	8	87,140	6	6,250	106	44,591	83	23		4,606	61,571	130,239
Syracuse, N. Y	29	346,280	24	17,672	212	94,890	148	36	28	26,816	136,567	336,384
Tacoma, Wash	12	56,053	3	3,380	48	22,916	42	1	5	5,185	17,886	73,487
Terre Haute, Ind	9	54,960	19	7,900	85	32,301	66	19		7,601	34,138	114,660
Toledo, Ohio	24	248,690	36	23,257	208	96,746	170	37	1	30,551	120,109	337,239

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

PRINTING AND PUBLISHING, BOOK AND JOB—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Topeka, Kans	13	$372,594	24	$23,140	204	$109,550	167	37	-------	$30,578	$152,178	$369,181
Trenton, N. J	10	155,838	6	4,016	75	38,401	63	10	2	7,127	31,422	109,744
Troy, N. Y	14	123,073	10	6,630	84	39,045	72	3	9	10,612	26,556	127,467
Utica, N. Y	16	123,000	16	8,958	116	49,458	92	12	12	14,295	59,608	179,169
Waco, Tex	10	42,665	-------	-------	47	23,855	35	10	2	4,887	17,354	59,208
Waltham, Mass	6	14,625	-------	-------	10	5,162	8	2	-------	1,400	9,195	25,421
Warwick, R. I	3	13,700	-------	-------	5	2,090	3	2	-------	123	1,452	5,950
Washington, D. C.[1]	76	3,139,046	164	211,277	4,101	3,236,730	2,898	1,193	10	113,580	1,867,668	5,107,905
Waterbury, Conn	7	58,077	13	7,834	37	20,655	31	3	3	6,681	23,551	65,202
Watertown, N. Y	3	88,704	7	6,229	54	15,616	38	15	1	2,491	23,192	55,870
West Hoboken, N. J	3	4,415	-------	-------	2	1,710	2	-------	-------	935	1,909	7,534
Wheeling, W. Va	6	21,721	1	960	22	7,280	10	11	1	1,669	10,958	24,767
Wichita, Kans	10	68,817	7	5,915	54	25,537	50	3	1	4,958	39,846	96,237
Wilkesbarre, Pa	11	147,857	8	5,604	80	40,594	54	11	15	6,031	31,554	103,182
Williamsport, Pa	6	29,955	2	1,830	27	12,186	22	2	3	2,043	19,160	44,277
Wilmington, Del	12	134,875	12	8,644	85	39,589	59	23	3	7,475	27,905	106,245
Wilmington, N. C	6	15,970	-------	-------	17	4,004	10	1	6	1,335	6,663	20,150
Woonsocket, R. I	4	36,850	2	1,050	25	12,180	23	2	-------	1,864	13,024	33,880
Worcester, Mass	31	195,851	7	13,018	148	84,552	132	11	5	35,514	84,629	271,625
Yonkers, N. Y	6	10,060	-------	-------	9	4,452	8	-------	1	1,493	3,437	14,500
York, Pa	11	39,040	-------	-------	14	6,195	12	-------	2	1,370	8,949	27,675
Youngstown, Ohio	4	44,685	5	4,700	16	8,180	10	6	-------	3,996	6,761	44,160
Zanesville, Ohio	6	9,700	-------	-------	10	3,106	7	1	2	1,040	2,821	19,940
All other cities[2]	81	131,431	7	4,328	119	60,599	101	12	6	10,051	50,623	175,992

[1] Includes governmental establishments, 4.
[2] Includes Bayonne, N. J., 2; Easton, Pa., 2; East St. Louis, Ill., 2; Everett, Mass., 1; Gloucester, Mass., 2; Joplin, Mo., 2; McKeesport, Pa., 2; Muskegon, Mich., 2; Newburg, N. Y., 2; Newport, Ky., 2; Norristown, Pa., 1; Orange, N. J., 2; Passaic, N. J., 1; Quincy, Mass., 2; Sheboygan, Wis., 1; South Omaha, Nebr., 1; Superior, Wis., 2; Taunton, Mass., 2.

PRINTING AND PUBLISHING, NEWSPAPERS AND PERIODICALS.

Total	3,691	$137,261,749	23,637	$24,118,274	53,868	$35,069,209	45,725	6,789	1,354	$33,889,404	$39,047,285	$169,181,222
Akron, Ohio	5	217,390	37	44,780	46	33,967	42	4	-------	84,241	25,732	227,300
Albany, N. Y	15	714,443	50	53,937	392	232,963	360	30	2	58,416	143,343	592,124
Allentown, Pa	9	250,600	2	1,700	81	41,052	79	1	1	17,548	28,419	129,234
Altoona, Pa	6	132,700	12	10,536	136	58,272	127	4	5	8,303	32,567	143,552
Amsterdam, N. Y	3	56,400	4	3,016	28	15,482	27	-------	1	1,905	7,029	56,414
Anderson, Ind	3	68,500	18	11,978	28	16,950	25	3	-------	7,305	17,024	74,000
Atlanta, Ga	16	984,845	68	87,165	160	124,986	145	13	2	141,818	146,994	636,730
Auburn, N. Y	3	122,450	2	1,850	85	29,600	41	43	1	3,880	13,968	95,750
Augusta, Ga	5	152,450	10	11,064	108	58,532	81	21	6	19,611	34,875	140,300
Aurora, Ill	6	85,200	10	4,510	55	22,401	47	8	-------	9,590	15,081	72,125
Austin, Tex	15	74,370	17	12,010	55	37,850	47	3	5	27,131	12,657	105,530
Baltimore, Md	40	1,885,181	334	354,112	1,158	625,135	1,122	21	15	317,436	487,131	2,160,520
Bangor, Me	6	138,710	37	23,414	73	39,428	60	12	1	50,522	32,591	160,020
Bay City, Mich	8	88,996	13	11,900	48	29,792	44	3	1	11,886	21,131	105,621
Bayonne, N. J	4	19,514	3	1,496	11	6,604	10	-------	1	1,347	1,401	17,633
Binghamton, N. Y	6	228,954	29	19,232	82	48,807	78	3	1	11,310	44,005	224,124
Birmingham, Ala	13	145,050	50	51,730	104	62,000	97	4	3	48,837	61,425	286,420
Bloomington, Ill	5	92,200	22	12,282	68	28,972	64	-------	4	15,016	13,573	109,576
Boston, Mass	129	5,303,722	1,470	1,454,617	2,314	1,972,642	1,736	542	36	2,380,621	2,051,233	10,490,646
Bridgeport, Conn	7	356,182	34	34,074	83	57,331	78	5	-------	28,053	35,465	201,295
Buffalo, N. Y	32	1,788,558	252	200,226	749	445,340	671	39	39	252,431	362,772	1,735,978
Burlington, Iowa	6	111,351	35	20,730	56	35,801	50	4	2	9,231	51,627	150,088
Butte, Mont	8	143,231	25	30,160	106	110,440	95	3	8	21,947	43,878	237,322
Cambridge, Mass	9	2,091,484	132	143,055	602	330,660	348	252	2	439,370	984,829	2,067,065
Camden, N. J	16	192,220	19	18,498	104	43,180	95	1	8	40,541	33,872	163,204
Canton, Ohio	4	84,121	12	11,876	80	36,140	66	13	1	16,484	31,162	117,648
Cedar Rapids, Iowa	10	144,270	41	40,847	105	46,106	83	21	1	19,692	43,134	191,062
Charleston, S. C	6	89,700	11	11,218	80	49,769	77	2	1	8,180	17,210	128,081
Chattanooga, Tenn	5	352,904	46	31,805	85	58,552	75	10	-------	15,053	53,864	210,730
Chelsea, Mass	6	17,316	5	1,508	23	8,814	10	12	1	3,084	3,546	27,120
Chester, Pa	4	177,621	3	5,500	81	43,697	69	7	5	6,833	21,255	102,914
Chicago, Ill	354	7,540,588	2,399	2,013,331	3,722	2,215,534	3,385	309	28	3,065,033	2,987,455	13,995,081
Cincinnati, Ohio	81	3,254,701	443	418,567	1,044	683,148	941	88	15	587,585	835,975	3,546,013
Cleveland, Ohio	38	1,672,687	268	276,006	710	491,868	629	71	10	378,282	485,423	2,073,324
Clinton, Iowa	8	109,050	19	19,448	89	31,176	57	14	18	9,375	21,508	95,496
Cohoes, N. Y	4	60,041	6	4,292	31	17,378	26	-------	5	3,515	11,697	47,041
Columbia, S. C	4	52,332	14	15,800	49	26,736	45	4	-------	14,181	23,398	90,968
Columbus, Ohio	20	693,791	141	104,999	445	287,946	402	40	3	127,127	195,536	820,903
Council Bluffs, Iowa	3	76,250	13	9,600	51	22,660	44	2	5	3,875	16,344	83,810
Covington, Ky	3	10,025	5	8,075	23	7,644	22	1	-------	2,530	6,091	37,830
Dallas, Tex	22	383,352	107	122,196	139	119,526	126	7	6	95,294	163,263	681,136
Davenport, Iowa	7	129,050	37	28,498	97	59,411	88	4	5	21,783	28,898	157,745
Dayton, Ohio	12	529,917	54	51,081	276	138,120	218	55	3	43,651	146,234	486,639
Decatur, Ill	6	74,157	17	12,490	102	32,014	92	7	3	5,672	17,420	112,296
Denver, Colo	65	878,270	193	189,291	649	430,419	592	44	13	206,880	316,798	1,519,777

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

PRINTING AND PUBLISHING, NEWSPAPERS AND PERIODICALS—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Des Moines, Iowa	22	$421,350	133	$105,499	279	$135,502	231	25	23	$91,311	$158,942	$690,130
Detroit, Mich	37	857,725	450	427,271	373	243,850	358	6	9	237,291	285,512	1,603,652
Dubuque, Iowa	9	97,439	50	27,894	108	64,316	97	10	1	25,500	50,487	228,409
Duluth, Minn	10	108,879	8	13,150	104	69,549	99	4	1	17,483	31,817	183,831
Easton, Pa	6	164,711	4	1,986	108	46,623	92	7	9	9,062	21,474	116,351
East St. Louis, Ill	5	44,650	4	4,500	41	17,026	23	9	9	4,176	12,158	56,452
Elgin, Ill	7	351,761	12	45,140	232	110,499	135	94	3	140,033	146,556	501,616
Elizabeth, N. J	6	77,970	15	15,144	55	31,081	52	2	1	15,627	19,134	114,797
Elmira, N. Y	5	262,997	16	25,543	119	66,744	106	13	-------	18,402	51,622	233,130
Erie, Pa	9	212,350	19	14,086	131	72,972	104	27	-------	13,867	57,432	198,584
Evansville, Ind	10	156,500	30	44,850	136	82,066	125	11	-------	14,731	45,610	225,330
Everett, Mass	3	6,860	3	2,200	7	2,735	4	3	-------	1,547	864	8,649
Fall River, Mass	8	187,735	17	14,646	118	75,365	106	12	-------	13,445	39,172	199,225
Fitchburg, Mass	4	30,810	6	2,699	36	21,216	25	11	-------	5,135	10,593	54,843
Fort Wayne, Ind	5	100,400	28	24,794	70	49,454	65	2	3	19,445	31,958	158,200
Fort Worth, Tex	4	37,525	2	3,600	45	33,384	45	-------	-------	7,250	15,119	82,104
Galveston, Tex	6	196,825	30	41,550	72	74,728	66	1	5	26,351	44,259	211,318
Gloucester, Mass	3	113,000	8	2,835	49	22,385	35	14	-------	3,998	14,173	51,700
Grand Rapids, Mich	15	249,209	80	53,131	209	128,183	193	12	4	52,335	87,077	400,910
Hamilton, Ohio	3	138,400	5	4,880	107	40,154	42	53	12	5,144	26,741	94,850
Harrisburg, Pa	5	398,639	25	27,543	145	70,201	130	13	2	17,340	56,093	236,126
Hartford, Conn	18	374,477	52	60,498	193	133,868	182	11	-------	111,754	79,649	454,850
Haverhill, Mass	3	36,999	9	9,488	31	18,656	24	6	1	5,873	12,908	74,380
Hoboken, N. J	3	87,800	26	16,350	62	43,800	62	-------	-------	4,258	29,351	118,275
Holyoke, Mass	6	90,925	8	7,510	80	57,966	68	10	2	6,282	24,637	140,090
Houston, Tex	13	153,294	23	28,563	113	91,212	107	3	3	59,232	46,681	277,230
Indianapolis, Ind	58	736,989	228	230,234	640	377,250	581	53	6	218,752	288,107	1,387,733
Jackson, Mich	6	73,361	25	17,216	54	30,071	48	4	2	13,716	21,835	94,979
Jacksonville, Fla	6	90,990	30	30,348	69	41,558	63	4	2	13,576	47,126	155,901
Jamestown, N. Y	8	101,335	32	23,439	45	20,299	34	6	5	12,658	16,310	81,094
Jersey City, N. J	6	245,594	18	31,597	140	115,266	129	8	3	11,690	43,170	249,914
Johnstown, Pa	5	131,222	1	1,000	58	26,804	53	4	1	14,231	10,038	74,199
Joliet, Ill	8	109,032	24	20,608	91	42,899	81	9	1	20,283	34,262	142,281
Kalamazoo, Mich	3	41,600	21	15,908	31	13,830	29	1	1	6,092	14,644	66,985
Kansas City, Kans	11	33,165	5	4,260	31	13,905	27	3	1	4,920	16,704	59,068
Kansas City, Mo	41	702,812	152	154,003	616	512,428	548	54	14	237,242	430,461	1,582,763
Kingston, N. Y	5	73,650	14	10,184	72	33,857	68	3	1	6,699	20,407	97,182
Knoxville, Tenn	4	111,469	24	21,890	37	24,876	32	5	-------	18,674	17,456	112,668
La Crosse, Wis	8	112,800	9	5,335	107	33,511	99	4	4	5,523	35,889	137,215
Lancaster, Pa	8	365,150	19	12,516	201	91,901	196	3	2	18,366	63,649	239,260
Lawrence, Mass	10	126,950	7	6,650	124	67,962	111	8	5	10,806	38,992	163,775
Leavenworth, Kans	8	110,300	13	7,630	44	23,295	41	2	1	9,075	21,538	69,166
Lewiston, Me	4	232,852	26	19,334	98	41,704	70	26	2	27,034	34,622	132,295
Lexington, Ky	16	82,561	40	29,062	67	28,891	59	6	2	15,443	15,441	110,950
Lima, Ohio	6	88,200	17	13,472	57	23,496	51	6	-------	13,016	20,870	90,450
Lincoln, Nebr	18	418,124	49	44,194	239	126,482	200	36	3	73,513	196,176	486,078
Little Rock, Ark	10	220,400	36	31,720	108	70,350	90	17	1	44,687	40,940	286,346
Los Angeles, Cal	40	709,255	84	81,362	191	136,803	164	18	9	88,214	163,529	813,404
Louisville, Ky	52	1,911,287	255	250,956	464	283,349	414	46	4	252,267	285,030	1,350,931
Lowell, Mass	6	166,065	39	34,346	152	94,005	136	13	3	29,682	80,797	299,641
Lynn, Mass	5	107,700	8	6,482	77	49,756	72	3	2	6,077	17,670	102,808
McKeesport, Pa	6	107,886	8	6,507	63	34,949	60	1	2	9,616	15,635	80,541
Macon, Ga	4	44,100	26	19,376	60	28,534	58	1	1	6,772	14,765	80,170
Malden, Mass	3	39,507	6	6,572	18	7,666	8	10	-------	3,064	4,314	26,500
Manchester, N. H	7	310,570	22	23,757	139	80,500	113	26	-------	24,974	48,196	213,712
Memphis, Tenn	10	214,900	63	66,000	110	80,327	108	1	1	33,896	89,077	421,050
Milwaukee, Wis	38	1,929,762	225	212,984	898	488,368	664	92	142	241,601	406,799	1,680,003
Minneapolis, Minn	79	1,731,793	364	293,342	588	341,115	521	47	20	448,807	328,869	1,792,955
Mobile, Ala	6	122,150	15	17,044	74	43,562	70	1	3	9,766	17,341	127,930
Montgomery, Ala	3	56,700	5	5,820	57	38,292	56	1	-------	4,230	15,624	83,060
Muncie, Ind	5	57,879	7	6,660	63	41,615	54	8	1	9,847	27,792	85,545
Muskegon, Mich	4	14,783	-------	-------	35	17,181	30	5	-------	4,402	8,235	37,502
Nashua, N. H	3	58,400	5	5,504	32	16,342	25	7	-------	2,932	10,463	57,044
Nashville, Tenn	34	1,520,158	236	188,594	360	184,541	234	120	6	203,408	196,830	1,014,374
New Albany, Ind	7	35,061	7	5,950	31	11,784	24	7	-------	4,085	6,848	45,272
Newark, N. J	16	1,164,835	75	99,456	403	285,410	376	26	1	85,417	399,620	1,183,331
New Bedford, Mass	6	118,242	20	32,780	96	62,644	92	4	-------	45,984	33,980	207,168
New Britain, Conn	6	112,332	8	6,096	69	40,599	62	2	5	5,816	23,066	89,614
New Brunswick, N. J	3	66,950	10	7,748	27	17,166	19	6	2	2,661	10,677	63,776
Newburg, N. Y	6	116,086	16	11,702	80	38,829	72	8	-------	8,753	29,637	122,087
Newcastle, Pa	4	87,298	3	4,300	48	22,408	41	6	1	2,705	15,468	84,390
New Haven, Conn	15	235,312	43	48,545	127	91,830	106	3	18	40,248	80,279	354,314
New Orleans, La	36	794,066	110	114,587	620	428,819	572	29	19	139,327	246,335	1,114,879
Newton, Mass	4	48,350	1	312	23	12,242	18	5	-------	3,870	6,707	48,561
New York, N. Y	413	40,866,549	6,146	7,981,267	9,888	7,701,093	8,065	1,736	87	13,556,498	12,168,060	51,397,304
Norfolk, Va	6	110,274	30	25,280	95	56,436	90	4	1	17,190	25,285	158,951
Norristown, Pa	4	189,450	8	5,720	53	21,078	48	5	-------	5,887	14,119	58,961
North Adams, Mass	3	50,000	6	4,750	34	14,250	34	-------	-------	4,859	8,760	47,060
Oakland, Cal	10	545,804	62	46,998	231	109,788	163	60	8	38,688	97,903	480,836
Omaha, Nebr	37	681,589	180	163,901	244	212,903	215	17	12	215,733	175,640	916,901

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

PRINTING AND PUBLISHING, NEWSPAPERS AND PERIODICALS—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Orange, N. J.	5	$42,445	3	$8,000	60	$31,354	57	3	-------	$5,709	$14,813	$76,786
Oshkosh, Wis	3	76,448	14	9,567	50	26,766	44	6	-------	6,850	15,547	76,492
Passaic, N. J	6	158,796	12	9,664	90	25,396	74	14	2	8,913	15,992	71,982
Paterson, N. J	10	386,556	29	35,527	151	96,089	92	49	10	20,315	52,203	252,225
Pawtucket, R. I	3	128,090	5	2,688	62	35,332	59	3	-------	8,766	26,381	124,750
Peoria, Ill	17	248,263	72	52,321	90	64,622	88	2	-------	56,812	70,405	316,856
Petersburg, Va	3	18,150	7	2,930	17	7,280	17	-------	-------	1,782	4,484	31,901
Philadelphia, Pa	209	11,011,212	1,986	1,989,881	3,397	2,111,009	2,882	426	89	2,374,571	3,640,590	13,076,840
Pittsburg, Pa	45	3,849,792	444	390,857	1,229	966,818	1,124	96	9	457,182	835,531	3,247,809
Pittsfield, Mass	4	60,690	12	12,024	55	32,305	46	9	-------	7,453	24,598	95,831
Portland, Me	19	337,893	56	40,515	268	127,777	190	64	14	64,312	59,140	359,421
Portland, Oreg	45	882,799	56	74,657	245	149,900	203	32	10	105,057	159,685	637,074
Poughkeepsie, N. Y	5	110,625	5	3,883	85	41,634	83	2	-------	6,616	18,304	95,307
Providence, R. I	12	503,475	16	29,226	247	190,732	239	6	2	91,284	98,454	576,247
Pueblo, Colo	11	131,009	5	7,280	90	43,763	80	7	3	20,823	32,318	137,281
Quincy, Ill	14	106,931	53	40,098	68	36,528	59	-------	9	41,438	38,842	207,282
Racine, Wis	8	141,344	15	12,858	71	28,817	50	21	-------	15,576	30,903	120,418
Reading, Pa	10	391,723	31	21,625	176	88,999	147	14	15	50,360	49,483	309,266
Richmond, Va	29	463,600	68	44,435	225	126,926	203	17	5	112,166	83,773	448,572
Roanoke, Va	3	25,500	3	2,860	20	14,354	20	-------	-------	3,731	5,919	31,475
Rochester, N. Y	20	2,474,634	242	227,710	766	363,573	608	157	1	321,735	273,845	1,380,531
Rockford, Ill	6	79,209	14	13,274	61	41,068	61	-------	-------	12,051	15,871	125,547
Sacramento, Cal	7	113,500	30	43,348	80	59,544	69	8	8	15,935	36,410	221,916
Saginaw, Mich	8	68,783	27	26,530	64	38,912	59	3	2	16,494	20,044	136,003
St. Joseph, Mo	17	243,289	25	24,094	131	68,007	118	8	5	72,630	42,602	279,103
St. Louis, Mo	118	3,493,395	961	866,924	1,222	911,099	1,012	178	32	932,794	1,315,239	5,396,308
St. Paul, Minn	44	2,816,189	503	402,911	900	473,327	711	84	105	645,166	381,434	2,258,427
Salem, Mass	4	56,200	4	8,080	96	54,804	52	43	1	7,622	18,576	115,100
Salt Lake City, Utah	16	515,694	55	50,849	313	186,192	266	36	11	80,829	105,961	437,853
San Antonio, Tex	11	195,318	20	22,144	95	67,157	93	1	1	46,753	31,799	201,391
San Francisco, Cal	119	1,414,123	487	504,350	979	883,630	870	81	28	346,821	838,418	3,503,133
San Jose, Cal	9	153,000	58	39,969	83	45,603	54	28	1	12,138	28,234	151,253
Savannah, Ga	4	175,800	47	33,420	157	82,672	143	13	1	26,349	61,137	237,600
Schenectady, N. Y	5	50,269	11	6,000	61	32,067	41	19	1	15,446	15,809	80,388
Scranton, Pa	23	919,093	74	51,889	319	155,797	233	68	18	243,104	174,852	815,375
Seattle, Wash	40	285,590	125	103,193	279	133,255	270	7	2	108,272	96,577	576,101
Sheboygan, Wis	6	51,775	4	3,440	65	18,443	37	27	1	7,746	11,303	53,751
Shenandoah, Pa	4	18,000	-------	-------	17	7,287	15	1	1	800	5,054	18,944
Sioux City, Iowa	13	263,447	32	28,938	182	109,834	166	14	2	33,175	58,447	302,197
Somerville, Mass	3	42,000	13	10,660	32	17,948	15	14	3	3,449	7,379	44,017
South Bend, Ind	5	99,900	17	16,800	70	34,757	53	8	9	5,413	33,219	103,176
South Omaha, Nebr	4	41,333	7	9,515	36	21,689	33	3	-------	7,219	10,997	73,736
Spokane, Wash	4	13,325	23	17,375	2	1,400	2	-------	-------	28,000	8,317	82,171
Springfield, Ill	4	108,718	30	23,270	123	64,644	115	8	-------	29,111	36,033	180,720
Springfield, Mass	14	474,053	147	113,233	231	207,195	205	23	3	101,478	161,985	546,004
Springfield, Mo	11	49,375	11	8,000	62	34,410	52	6	4	7,019	17,454	88,365
Springfield, Ohio	7	478,305	45	60,449	362	164,375	245	115	2	146,555	274,808	714,214
Superior, Wis	12	113,879	10	8,050	74	57,060	64	8	2	11,284	29,444	153,454
Syracuse, N. Y	16	757,252	83	84,681	420	234,759	388	25	7	70,604	159,776	707,486
Tacoma, Wash	17	121,268	56	44,990	76	61,753	71	2	3	37,074	34,926	242,923
Taunton, Mass	3	64,000	9	7,000	35	19,314	30	5	-------	6,064	12,393	68,300
Terre Haute, Ind	6	103,950	26	22,350	72	41,159	57	15	-------	67,152	29,551	189,579
Toledo, Ohio	14	431,798	68	54,263	319	197,352	287	31	1	60,040	145,164	580,512
Topeka, Kans	27	150,780	70	40,049	112	71,087	90	13	9	44,189	79,656	360,008
Trenton, N. J	7	314,150	29	21,344	126	95,354	117	6	3	12,517	57,008	254,116
Troy, N. Y	12	669,690	32	38,644	260	160,370	254	6	-------	57,201	91,200	538,398
Utica, N. Y	9	396,100	92	84,801	196	124,292	190	2	4	55,530	73,958	428,822
Waco, Tex	12	41,260	11	10,216	54	36,945	49	2	3	13,535	12,037	92,501
Washington, D. C	60	2,233,897	301	289,566	600	393,220	477	105	18	411,596	288,491	1,846,535
Waterbury, Conn	3	146,792	8	9,246	103	75,533	89	13	1	16,568	19,063	135,283
Watertown, N. Y	8	202,839	15	13,168	83	49,013	61	20	2	22,909	25,778	149,841
Wheeling, W. Va	5	289,498	52	43,240	183	107,711	161	21	1	24,215	64,270	276,285
Wichita, Kans	9	100,800	9	7,900	146	69,110	134	9	3	12,814	34,946	168,301
Wilkesbarre, Pa	15	222,625	42	31,572	179	77,409	163	3	13	49,463	52,301	307,467
Williamsport, Pa	4	281,197	44	30,619	95	49,295	92	2	1	53,424	62,686	254,498
Wilmington, Del	11	197,268	37	25,572	162	69,554	125	22	15	14,515	44,364	166,951
Wilmington, N. C	4	65,800	16	10,440	52	27,605	47	4	1	10,314	17,992	86,380
Woonsocket, R. I	3	63,169	5	7,532	61	36,528	56	1	4	5,776	9,470	78,892
Worcester, Mass	14	181,452	114	66,604	276	183,238	259	16	1	81,897	109,743	490,869
Yonkers, N. Y	6	123,450	12	16,720	37	22,423	29	4	4	10,107	14,106	108,172
York, Pa	7	207,208	31	17,283	166	38,385	76	2	88	14,365	37,587	136,920
Youngstown, Ohio	4	133,200	12	12,100	90	58,550	84	6	-------	6,024	42,345	148,800
Zanesville, Ohio	6	135,635	19	10,998	96	41,569	82	14	-------	7,835	19,687	124,031
All other cities [1]	18	475,411	63	66,917	296	172,332	252	44	-------	56,023	89,335	484,670

[1] Includes Allegheny, Pa., 1; Brockton, Mass., 2; East Orange, N. J., 2; Joplin, Mo., 2; Meriden, Conn., 2; Newport, Ky., 1; Oswego, N. Y., 2; Quincy, Mass., 2; Waltham, Mass., 2; West Hoboken, N. J., 2.

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

RUBBER AND ELASTIC GOODS.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Total	192	$26,660,070	1,436	$1,574,968	13,421	$5,357,046	8,622	4,606	193	$2,108,891	$22,406,027	$36,169,244
Akron, Ohio	8	4,642,896	259	233,993	2,677	1,005,405	2,098	574	5	223,697	3,571,677	5,524,674
Boston, Mass	20	2,373,889	104	160,196	1,278	531,154	789	483	6	189,429	1,861,679	3,139,783
Bridgeport, Conn	4	507,200	27	41,260	337	127,411	235	98	4	58,570	332,648	633,577
Brockton, Mass	4	903,509	36	34,010	236	120,768	136	100	-------	39,853	304,842	538,838
Chelsea, Mass	7	3,488,063	53	66,282	931	415,615	611	320	-------	157,554	2,342,543	3,718,094
Chicago, Ill	15	1,126,777	264	200,918	830	389,679	537	226	67	306,109	1,915,123	3,585,765
Cleveland, Ohio	3	1,230,079	54	67,216	697	232,158	427	251	19	40,397	1,045,927	1,494,369
Jersey City, N. J	5	628,666	25	43,310	213	106,044	209	4	-------	86,140	882,566	1,173,848
Lowell, Mass	3	136,215	7	7,467	103	23,433	36	67	-------	6,389	91,946	152,329
Newark, N. J	5	213,444	7	10,928	100	39,385	40	60	-------	26,760	242,204	360,605
New York, N. Y	50	3,378,258	192	252,601	1,871	739,368	844	987	40	270,751	2,606,126	4,663,440
Philadelphia, Pa	6	219,575	7	4,720	86	83,100	80	6	-------	3,049	282,825	407,110
Providence, R. I	7	1,289,247	54	77,757	876	300,308	418	449	9	187,319	1,511,029	2,269,694
Trenton, N. J	6	1,224,908	54	90,001	530	228,192	488	14	28	45,705	956,900	1,689,893
San Francisco, Cal	6	38,500	8	4,135	21	8,295	21	-------	-------	2,805	33,450	58,300
Springfield, Mass	3	118,377	6	4,500	146	39,892	72	74	-------	3,732	63,225	135,765
All other cities[1]	40	5,140,467	279	275,674	2,489	966,839	1,581	893	15	460,632	4,361,317	6,623,160

[1] Includes Baltimore, Md., 2; Burlington, Iowa, 1; Camden, N. J., 2; Canton, Ohio, 1; Cincinnati, Ohio, 1; Columbus, Ohio, 1; Council Bluffs, Iowa, 1; Elizabeth, N. J., 1; Erie, Pa., 1; Grand Rapids, Mich., 1; Hartford, Conn., 2; Holyoke, Mass., 1; Indianapolis, Ind., 1; Kalamazoo, Mich., 1; La Crosse, Wis., 1; Lynn, Mass., 1; Malden, Mass., 2; New Bedford, Mass., 1; New Britain, Conn., 2; New Brunswick, N. J., 1; New Haven, Conn., 1; Newton, Mass., 1; Oshkosh, Wis., 1; Passaic, N. J., 1; Pawtucket, R. I., 1; Racine, Wis., 1; Rochester, N. Y., 1; St. Louis, Mo., 1; St. Paul, Minn., 1; Salt Lake City, Utah, 1; Sioux City, Iowa, 1; Syracuse, N. Y., 1; Toledo, Ohio, 2; Waterbury, Conn., 1.

SADDLERY AND HARNESS.

Total	2,972	$18,819,833	1,462	$1,241,301	13,032	$6,097,194	12,002	698	332	$1,560,221	$17,065,963	$31,654,370
Akron, Ohio	12	19,335	1	900	11	6,085	11	-------	-------	1,487	17,466	37,613
Albany, N. Y	20	20,203	-------	-------	25	14,499	25	-------	-------	3,429	17,239	52,487
Allegheny, Pa	10	29,388	-------	-------	13	7,326	13	-------	-------	2,373	15,153	36,434
Allentown, Pa	5	26,595	4	2,194	15	8,324	15	-------	-------	2,996	10,392	29,670
Altoona, Pa	4	14,910	-------	-------	5	2,640	5	-------	-------	417	3,834	10,199
Amsterdam, N. Y	4	6,925	-------	-------	3	1,470	3	-------	-------	581	4,262	9,125
Anderson, Ind	3	7,100	-------	-------	7	3,400	7	-------	-------	1,940	14,980	25,000
Atlanta, Ga	9	31,670	-------	-------	23	10,778	22	-------	1	5,922	29,711	73,546
Auburn, N. Y	7	95,709	6	5,302	40	17,171	34	6	-------	5,620	40,249	86,998
Augusta, Ga	3	1,470	-------	-------	8	1,096	4	-------	4	506	1,695	4,975
Aurora, Ill	6	30,250	1	400	8	4,100	8	-------	-------	1,554	9,067	21,915
Baltimore, Md	78	706,622	59	46,215	481	156,942	450	21	10	45,808	617,736	1,024,787
Bangor, Me	7	11,175	-------	-------	13	6,872	13	-------	-------	1,531	17,037	30,325
Bay City, Mich	8	10,790	-------	-------	8	3,198	6	-------	2	883	7,076	16,803
Bayonne, N. J	3	2,928	-------	-------	3	1,300	3	-------	-------	590	1,731	6,124
Binghamton, N. Y	9	31,200	2	1,500	20	8,730	19	1	-------	1,194	21,868	39,164
Birmingham, Ala	6	9,523	1	364	6	2,547	5	-------	1	2,027	6,581	14,670
Bloomington, Ill	8	52,805	4	3,950	36	14,039	34	-------	2	2,906	29,418	57,318
Boston, Mass	81	488,027	20	26,933	222	133,185	216	6	-------	38,076	157,657	497,508
Bridgeport, Conn	14	18,333	5	1,384	47	22,355	45	2	-------	2,905	35,508	78,794
Brockton, Mass	5	6,800	-------	-------	5	3,398	5	-------	-------	1,450	3,474	12,163
Buffalo, N. Y	41	426,180	24	20,616	317	155,444	283	33	1	25,089	295,818	566,316
Burlington, Iowa	10	59,655	26	6,500	78	24,532	75	-------	3	10,778	80,968	160,958
Butte, Mont	6	25,933	2	2,328	12	11,601	10	2	-------	4,626	15,462	42,632
Cambridge, Mass	12	6,740	-------	-------	15	9,030	15	-------	-------	2,812	13,244	36,824
Camden, N. J	4	35,050	-------	-------	15	5,181	15	-------	-------	567	10,175	27,254
Canton, Ohio	8	170,117	12	10,715	207	62,656	130	77	-------	21,643	215,067	331,190
Cedar Rapids, Iowa	5	22,313	3	1,640	10	4,486	10	-------	-------	2,273	12,707	28,808
Charleston, S. C	4	11,950	-------	-------	7	3,286	7	-------	-------	1,020	26,790	47,100
Chattanooga, Tenn	7	20,975	5	1,968	59	16,921	37	2	20	1,359	66,509	93,740
Chelsea, Mass	4	1,796	-------	-------	2	1,500	2	-------	-------	699	1,325	4,823
Chester, Pa	5	7,210	-------	-------	6	3,260	6	-------	-------	1,662	4,642	11,400
Chicago, Ill	209	969,930	67	61,423	737	374,146	668	35	34	71,992	1,104,638	1,921,407
Cincinnati, Ohio	58	781,598	88	80,514	478	214,707	456	12	10	62,239	682,444	1,194,474
Cleveland, Ohio	57	125,750	3	2,080	86	45,654	85	-------	1	11,503	82,992	197,429
Clinton, Iowa	5	81,475	6	6,950	41	14,594	39	2	-------	6,046	42,125	85,172
Cohoes, N. Y	1	3,980	-------	-------	3	1,546	3	-------	-------	464	2,327	6,225
Columbus, Ohio	15	210,065	39	29,280	118	44,027	101	-------	17	12,227	153,483	298,187
Council Bluffs, Iowa	5	12,500	-------	-------	10	5,460	10	-------	-------	1,135	15,730	28,425
Covington, Ky	6	14,025	-------	-------	7	2,863	6	-------	1	1,992	6,794	16,600
Dallas, Tex	13	1,189,950	70	63,380	383	173,382	372	10	1	37,488	684,678	1,076,700
Davenport, Iowa	9	42,130	3	1,072	39	18,810	39	-------	-------	4,019	39,724	77,967
Dayton, Ohio	17	46,535	1	900	27	12,892	25	2	-------	3,783	24,724	56,732
Decatur, Ill	6	66,725	3	3,280	31	13,254	29	1	1	5,066	26,744	55,644
Denver, Colo	22	149,186	20	15,525	83	53,291	82	-------	1	12,439	163,879	282,008
Des Moines, Iowa	14	109,095	24	8,570	91	30,826	91	-------	-------	7,154	129,962	199,000
Detroit, Mich	37	127,600	8	7,952	134	59,320	122	10	2	17,846	136,067	262,946
Dubuque, Iowa	9	71,242	8	3,124	51	14,364	48	3	-------	5,544	57,873	108,222
Duluth, Minn	7	31,100	3	2,400	43	22,041	40	1	2	5,285	74,541	121,586
Easton, Pa	3	42,900	1	600	12	5,876	12	-------	-------	775	8,405	21,500

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

SADDLERY AND HARNESS—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
East Orange, N. J	4	$4,895			4	$2,015	4			$1,168	$3,143	$10,780
East St. Louis, Ill	3	5,750			4	2,256	4			940	2,611	8,820
Elgin, Ill	4	20,827			10	5,720	10			2,018	8,489	19,627
Elizabeth, N. J	7	25,095	1	$800	8	4,644	8			1,580	7,889	24,013
Elmira, N. Y	6	11,125	2	1,032	12	5,335	12			1,807	16,385	31,450
Erie, Pa	7	16,375			11	6,146	11			2,047	10,392	28,600
Evansville, Ind	16	185,440	16	12,128	184	68,269	166	17	1	7,465	162,803	289,755
Fall River, Mass	14	12,973			15	6,927	15			2,243	17,520	38,011
Fitchburg, Mass	3	1,775			2	1,200	2			401	3,393	8,405
Fort Wayne, Ind	11	29,395	2	1,016	40	16,704	39		1	2,220	35,500	77,689
Fort Worth, Tex	6	32,020	3	1,680	17	11,713	17			3,225	55,616	101,752
Galveston, Tex	5	14,750			7	3,820	7			1,478	10,717	22,878
Gloucester, Mass	3	15,450			10	4,834	10			1,314	7,907	21,245
Grand Rapids, Mich	21	76,332	3	3,000	41	18,373	41			5,584	83,146	139,170
Hamilton, Ohio	6	6,765			5	2,371	5			993	4,182	10,675
Harrisburg, Pa	7	8,820			9	3,950	9			1,289	10,364	20,880
Hartford, Conn	10	225,311	13	8,720	194	96,911	170	18	6	23,970	213,088	386,129
Haverhill, Mass	6	7,640			9	5,335	9			2,039	7,627	23,725
Hoboken, N. J	4	8,100			3	2,050	3			1,200	4,225	12,400
Holyoke, Mass	5	12,975			8	4,540	8			2,331	4,548	16,305
Houston, Tex	7	34,850	2	1,140	19	10,848	19			4,481	21,777	52,164
Indianapolis, Ind	22	283,164	33	34,320	162	82,654	153	6	3	26,351	251,038	431,874
Jackson, Mich	7	11,923	1	150	11	5,820	11			1,435	11,577	26,605
Jacksonville, Fla	3	9,600	1	300	10	5,022	10			1,675	5,646	17,350
Jamestown, N. Y	4	14,950	1	500	8	4,156	8			809	8,897	18,892
Jersey City, N. J	13	46,090	3	2,190	10	5,822	10			3,074	23,692	51,925
Johnstown, Pa	5	18,275	2	600	13	5,131	7	6		836	18,851	30,724
Joliet, Ill	5	23,020			9	4,315	9			388	8,465	15,922
Joplin, Mo	3	5,100			5	2,402	5			1,052	8,887	15,125
Kalamazoo, Mich	5	10,590			4	2,160	4			1,149	7,368	14,790
Kansas City, Kans	6	12,660			5	4,600	5			1,409	10,430	22,414
Kansas City, Mo	29	272,760	28	36,675	316	162,913	298	10	8	27,307	605,307	925,287
Kingston, N. Y	6	4,895			7	3,850	7			1,939	6,632	17,691
Knoxville, Tenn	8	41,590	7	4,800	51	15,048	45		6	5,092	47,616	105,189
La Crosse, Wis	8	57,831	5	4,501	33	12,901	30	3		2,876	62,144	94,806
Lancaster, Pa	10	59,587	8	4,416	57	20,710	55		2	2,018	47,700	111,233
Lawrence, Mass	10	12,460			6	3,720	6			2,016	6,533	19,450
Leavenworth, Kans	5	45,490	3	2,456	14	6,354	14			1,795	29,889	48,528
Lewiston, Me	4	12,500			14	6,100	14			642	10,599	20,230
Lexington, Ky	9	20,164			23	10,953	23			2,555	12,655	34,535
Little Rock, Ark	5	4,400	1	720	8	2,848	8			2,240	4,385	12,934
Lima, Ohio	5	7,250	1	312	10	3,984	10			1,534	7,158	15,821
Lincoln, Nebr	6	99,675	5	5,100	76	28,900	76			6,898	87,710	154,090
Los Angeles, Cal	24	39,612	3	1,400	52	20,807	46	5	1	5,248	42,900	89,163
Louisville, Ky	43	658,600	62	51,064	414	176,074	374	21	19	39,104	722,239	1,167,400
Lowell, Mass	13	24,295	4	1,710	21	11,896	21			2,384	27,639	51,410
Lynn, Mass	8	40,823			10	5,040	10			2,390	11,717	28,270
McKeesport, Pa	3	6,920			5	3,016	5			1,441	11,923	19,868
Macon, Ga	6	93,159	11	6,280	70	21,139	58	2	10	6,516	117,708	160,150
Malden, Mass	3	3,475			4	2,500	4			850	5,672	12,400
Manchester, N. H	10	34,534	1	468	59	29,343	57	2		2,883	40,244	89,442
Memphis, Tenn	12	186,770			115	72,562	106	6	3	13,015	164,288	293,093
Meriden, Conn	4	5,475			3	1,395	3			498	6,467	14,115
Milwaukee, Wis	50	228,351	18	13,628	236	100,039	208	19	9	18,944	329,015	548,841
Minneapolis, Minn	33	173,166	18	17,940	176	84,128	164	9	3	20,346	300,827	499,875
Montgomery, Ala	4	2,632	1	120	2	357	1		1	635	2,829	8,049
Muncie, Ind	5	7,622	1	600	8	3,880	8			1,417	7,292	18,075
Muskegon, Mich	3	6,250			2	1,090	2			719	2,783	6,605
Nashua, N. H	3	6,650			6	3,000	6			919	2,654	11,500
Nashville, Tenn	18	217,866	38	31,622	175	58,670	152	7	16	14,265	282,794	451,943
New Albany, Ind	5	28,275	3	2,450	26	10,734	26			1,539	11,134	27,778
Newark, N. J	46	708,176	48	49,122	719	336,584	613	79	27	80,236	523,167	1,184,178
New Bedford, Mass	9	24,090	1	600	13	7,692	13			2,479	12,149	30,445
New Britain, Conn	3	15,650			3	1,750	3			1,154	2,920	8,450
New Brunswick, N. J	4	4,225			3	1,565	3			648	2,786	7,250
Newburg, N. Y	4	7,359			5	2,766	5			840	5,056	11,955
Newcastle, Pa	5	14,775			4	2,244	4			670	7,076	13,362
New Haven, Conn	18	36,882			36	21,150	34	2		5,287	19,765	67,404
New Orleans, La	32	413,196	48	51,910	192	98,201	179		13	20,681	456,013	739,941
Newport, Ky	4	9,510			2	1,460	2			342	10,602	14,932
Newton, Mass	7	10,800			8	4,809	8			1,033	5,470	20,000
New York, N. Y	364	1,084,290	43	43,105	758	432,578	715	37	6	171,308	683,008	1,842,576
Norristown, Pa	4	10,230			6	2,787	6			644	5,717	11,640
North Adams, Mass	4	3,350			3	1,886	3			701	5,250	10,834
Oakland, Cal	11	26,175			13	8,201	13			3,125	22,847	48,353
Omaha, Nebr	17	233,142	37	30,283	150	83,226	148		2	39,554	303,764	557,080
Orange, N. J	4	10,500			8	5,289	8			1,173	23,745	44,499
Oshkosh, Wis	6	13,260			4	2,316	4			1,920	7,065	13,834
Oswego, N. Y	4	8,250			4	1,750	4			781	4,270	10,540
Passaic, N. J	4	3,775			1	527	1			633	3,268	7,275

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

SADDLERY AND HARNESS—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Paterson, N. J	12	$46,185	1	$400	50	$21,794	46	4		$3,725	$31,311	$79,884
Pawtucket, R. I	5	11,940			6	3,740	6			571	6,937	15,000
Peoria, Ill	15	133,820	7	5,300	73	34,898	72	1		6,680	104,685	196,061
Philadelphia, Pa	169	435,403	14	11,172	298	161,115	282	9	7	38,811	272,594	709,689
Pittsburg, Pa	32	141,389	9	7,400	99	53,255	97		2	15,504	83,960	229,895
Pittsfield, Mass	4	9,500			4	2,496	4			1,134	3,557	10,000
Portland, Me	8	15,803			14	7,200	14			1,758	10,908	29,045
Portland, Oreg	21	223,127	19	21,160	252	110,462	248	4		11,598	348,723	568,774
Poughkeepsie, N. Y	5	3,400			6	3,653	6			530	4,095	10,919
Providence, R. I	24	92,504	18	12,597	60	34,399	60			10,828	63,486	145,398
Pueblo, Colo	6	50,192	4	4,932	49	31,940	47	1	1	6,984	65,265	119,263
Quincy, Ill	8	148,120	20	11,200	126	53,257	125	1		25,178	163,885	287,680
Racine, Wis	5	11,160	1	900	4	1,741	3	1		502	6,680	13,829
Reading, Pa	7	25,235	1	500	15	6,116	15			2,550	12,275	28,261
Richmond, Va	11	91,575	10	6,044	75	25,320	74		1	7,020	121,327	234,021
Roanoke, Va	3	1,345			2	1,056	2			341	1,409	4,400
Rochester, N. Y	25	178,532	9	10,392	120	52,671	114	5	1	13,246	56,406	167,869
Rockford, Ill	8	143,149	17	14,630	90	39,993	71	16	3	5,341	127,448	215,878
Sacramento, Cal	8	156,900	8	3,984	69	38,682	69			8,618	239,870	313,370
Saginaw, Mich	11	18,944	1	600	52	22,446	51		1	3,817	74,650	117,974
St. Joseph, Mo	7	52,785	7	4,480	176	84,714	176			4,347	306,781	433,346
St. Louis, Mo	99	1,080,847	100	98,672	568	268,965	513	41	14	51,524	683,542	1,495,430
St. Paul, Minn	19	444,940	44	44,500	299	113,663	280	19		21,745	565,512	835,193
Salem, Mass	7	8,085			3	2,320	3			1,071	4,315	13,530
Salt Lake City, Utah	9	58,035	9	5,850	49	25,136	47	1	1	5,163	71,452	122,393
San Antonio, Tex	10	329,390	1	450	120	64,826	119		1	6,875	337,321	469,110
San Francisco, Cal	54	744,055	38	34,914	315	173,543	274	18	23	47,378	438,802	762,550
San Jose, Cal	13	39,725	2	1,500	34	16,885	33		1	3,637	23,705	55,483
Savannah, Ga	3	9,137	1	1,000	13	4,909	13			1,797	19,982	36,194
Schenectady, N. Y	4	3,475			4	2,298	4			822	8,360	16,934
Scranton, Pa	10	25,270	2	1,500	20	9,316	20			3,142	17,777	42,901
Seattle, Wash	8	21,910	6	4,500	26	18,450	26			4,950	47,861	96,495
Sheboygan, Wis	6	12,422			6	2,130	6			1,085	7,871	20,525
Sioux City, Iowa	8	117,948	11	7,382	36	16,711	32		4	8,177	64,464	116,559
Somerville, Mass	5	5,450			6	3,490	6			898	7,025	15,918
South Bend, Ind	6	28,305			17	7,385	17			2,645	24,162	48,061
South Omaha, Nebr	3	4,355			3	1,700	3			1,124	2,555	8,100
Spokane, Wash	8	32,600	3	3,300	15	10,033	15			6,986	40,600	71,249
Springfield, Ill	8	26,475	1	360	18	13,440	18			2,221	23,559	58,382
Springfield, Mass	12	38,265	1	468	23	12,158	23			2,934	16,412	48,642
Springfield, Mo	3	51,125	14	3,030	18	7,700	18			3,255	34,660	66,100
Springfield, Ohio	4	12,290	2	1,800	13	6,090	13			1,606	16,597	27,900
Superior, Wis	3	9,459			5	4,292	5			1,298	12,370	21,477
Syracuse, N. Y	19	44,012	4	3,380	40	19,027	38	2		5,161	31,946	81,764
Tacoma, Wash	3	8,400	1	1,500	13	9,090	13			2,255	40,353	64,200
Taunton, Mass	7	5,975			6	2,900	6			1,232	5,918	14,600
Terre Haute, Ind	3	18,725			14	6,150	14			1,247	12,390	25,000
Toledo, Ohio	9	49,435	2	1,500	33	15,880	33			4,829	36,910	74,245
Topeka, Kans	5	33,500	1	600	13	7,362	13			1,469	12,898	28,513
Trenton, N. J	7	21,171			11	5,887	10		1	2,018	12,052	29,130
Troy, N. Y	11	15,600	3	1,200	39	20,312	39			2,466	23,010	66,470
Utica, N. Y	9	66,150	7	3,802	40	20,128	40			4,787	66,327	117,481
Waco, Tex	6	57,324	15	13,500	144	36,088	105	24	15	36,453	295,849	427,431
Waltham, Mass	4	11,900	4	1,610	7	3,950	7			1,000	9,205	20,250
Warwick, R. I	5	3,365			3	1,450	3			421	2,422	5,951
Washington, D. C	39	36,950	3	1,524	61	33,569	60		1	10,818	48,200	146,918
Waterbury, Conn	4	12,650			12	6,304	12			1,733	12,489	24,540
Watertown, N. Y	6	12,450			9	5,069	8	1		1,367	27,626	42,167
West Hoboken, N. J	4	11,170								966	10,459	15,407
Wheeling, W. Va	7	26,735	2	2,600	35	12,140	34		1	1,819	28,565	61,840
Wichita, Kans	11	112,885	13	11,130	51	29,300	51			4,210	100,634	168,565
Wilkesbarre, Pa	8	26,325			13	7,642	12	1		2,025	10,627	30,650
Williamsport, Pa	8	177,638	15	15,101	179	49,711	105	74		10,050	115,463	222,645
Wilmington, Del	10	94,312	7	5,500	36	16,470	34		2	3,786	33,005	75,911
Woonsocket, R. I	5	6,938			5	2,378	5			1,066	3,581	17,050
Worcester, Mass	12	33,830	3	2,000	34	23,540	34			3,940	27,651	73,522
Yonkers, N. Y	7	7,300			5	2,866	5			1,136	10,669	20,849
York, Pa	8	20,175			21	8,250	21			2,250	16,037	34,703
Youngstown, Ohio	5	16,325	2	1,100	14	8,370	14			1,613	9,277	29,850
Zanesville, Ohio	4	8,975	1	800	8	4,670	8			1,802	9,563	22,814
All other cities[1]	15	66,837	1	720	54	21,123	53		1	3,961	67,146	112,925

[1] Includes Austin, Tex., 2; Columbia, S. C., 2; Everett, Mass., 1; Mobile, Ala., 2; Norfolk, Va., 2; Petersburg, Va., 2; Quincy, Mass., 1; Shenandoah, Pa., 2; Wilmington, N. C., 1.

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

SHIP AND BOAT BUILDING, WOODEN.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Total	422	$10,317,854	337	$370,024	8,333	$4,722,895	8,268	12	53	$680,935	$4,276,135	$12,449,833
Baltimore, Md	14	469,015	17	16,716	413	233,532	413			25,445	164,437	555,852
Bangor, Me	4	7,900			14	8,683	14			652	4,837	20,638
Bay City, Mich	4	9,125	1	1,500	63	36,600	63			611	21,290	132,909
Bayonne, N. J	3	77,400	8	4,183	23	8,292	23			1,167	17,275	42,000
Boston, Mass	30	643,760	26	20,510	653	415,417	653			102,144	451,779	1,120,763
Bridgeport, Conn	3	10,601			24	17,685	24			2,020	6,434	32,871
Buffalo, N. Y	8	574,826	9	10,091	162	86,547	162			22,867	65,922	216,486
Camden, N. J	9	219,712	12	8,594	266	177,218	266			21,452	142,778	409,500
Chester, Pa	3	13,550			10	6,450	8		2	617	6,175	17,775
Chicago, Ill	7	284,072	9	13,010	160	86,469	160			8,396	55,114	187,083
Cincinnati, Ohio	4	59,800	4	3,760	103	32,899	103			15,047	24,254	98,114
Cleveland, Ohio	3	9,025			42	21,400	42			1,603	13,200	43,950
Detroit, Mich	10	75,021	8	5,556	91	47,836	91			9,426	35,983	123,635
Duluth, Minn	5	80,482	7	7,580	71	41,760	71			8,055	30,990	102,316
Gloucester, Mass	24	145,172	6	5,860	102	62,800	102			12,160	74,531	201,448
Jacksonville, Fla	3	4,625			12	3,864	12			712	2,582	11,154
Jersey City, N. J	5	151,400	7	12,200	212	116,693	212			19,624	70,204	259,000
Kingston, N. Y	4	90,000	1	1,500	146	93,476	146			4,004	88,560	207,201
Minneapolis, Minn	3	1,365			1	420	1			99	743	2,395
Mobile, Ala	4	146,026	3	4,300	291	100,816	291			6,013	75,218	236,142
New Bedford, Mass	11	13,650			22	12,760	22			1,699	6,073	27,925
New Haven, Conn	5	17,400			11	7,190	11			808	6,925	19,635
New Orleans, La	6	171,847	19	11,032	137	57,402	137			8,953	25,773	132,771
New York, N. Y	83	3,974,116	77	117,576	2,484	1,493,448	2,446	9	29	144,872	1,267,853	3,919,804
Norfolk, Va	6	184,550	8	7,900	104	50,926	104			4,071	32,164	129,148
Oshkosh, Wis	4	39,641	1	468	33	15,342	33			1,134	17,913	56,310
Philadelphia, Pa	10	51,955			69	38,184	67		2	4,143	21,342	91,957
Portland, Me	6	5,275			14	10,016	14			643	1,750	22,350
Portland, Oreg	9	97,620	6	8,060	261	120,044	261			6,187	186,890	399,717
Providence, R. I	3	81,701	2	2,500	51	37,240	51			2,867	20,650	80,904
Quincy, Mass	3	38,805	2	2,500	18	10,360	18			806	10,925	16,150
Rochester, N. Y	7	30,552			6	3,010	6			1,181	8,507	20,109
St. Louis, Mo	4	23,592	3	3,070	58	41,696	58			6,000	23,187	77,326
St. Paul, Minn	2	13,125			5	2,428	5			190	6,492	10,275
Salem, Mass	3	5,460			8	6,250	8			398	3,215	13,200
San Francisco, Cal	21	112,290	11	10,000	334	201,706	329		5	69,296	287,047	646,084
Seattle, Wash	12	237,925	9	6,842	184	130,081	175		9	13,170	159,081	429,641
Tacoma, Wash	3	117,584	7	11,280	169	95,602	169			8,855	115,965	209,750
Toledo, Ohio	4	64,505			53	25,694	53			494	24,742	65,950
Waltham, Mass	3	21,655	1	260	9	5,500	9			2,494	4,003	18,900
Washington, D. C	3	14,465			17	11,480	17			154	6,989	24,980
Wilmington, Del	4	182,226	7	8,936	176	94,114	170		6	6,212	123,282	301,018
All other cities[1]	59	1,745,038	66	64,240	1,251	653,565	1,248	3		134,194	563,061	1,714,697

[1] Includes Akron, Ohio, 2; Albany, N. Y., 2; Allegheny, Pa., 2; Burlington, Iowa, 2; Cambridge, Mass., 2; Charleston, S. C., 1; Chattanooga, Tenn., 1; Chelsea, Mass., 2; Clinton, Iowa, 1; Covington, Ky., 1; Dubuque, Iowa, 2; Elizabeth, N. J., 1; Elmira, N. Y., 1; Erie, Pa., 1; Fall River, Mass., 1; Galveston, Tex., 1; Grand Rapids, Mich., 2; Hartford, Conn., 1; Hoboken, N. J., 2; Indianapolis, Ind., 1; Jamestown, N. Y., 2; Kalamazoo, Mich., 1; Knoxville, Tenn., 1; La Crosse, Wis., 1; Lawrence, Mass., 1; McKeesport, Pa., 1; Milwaukee, Wis., 1; Memphis, Tenn., 1; New Brunswick, N. J., 1; Newton, Mass., 1; Oakland, Cal., 2; Oswego, N. Y., 1; Paterson, N. J., 1; Pittsburg, Pa., 2; Poughkeepsie, N. Y., 1; Quincy, Ill., 1; Racine, Wis., 1; Sacramento, Cal., 1; Saginaw, Mich., 1; San Jose, Cal., 1; Superior, Wis., 1; Taunton, Mass., 1; Trenton, N. J., 1; Troy, N. Y., 1; Wilkesbarre, Pa., 1; Wilmington, N. C., 1; Yonkers, N. Y., 1.

SHIPBUILDING, IRON AND STEEL.

Total	35	$40,315,085	689	$1,069,003	22,621	$12,104,020	22,017	5	599	$2,114,510	$18,260,828	$39,532,048
Baltimore, Md	3	1,219,588	42	46,031	982	521,224	982			66,907	537,486	1,468,904
New York, N. Y	7	1,918,982	50	86,895	1,445	879,667	1,437	2	6	74,101	741,189	2,212,315
All other cities[1]	25	37,176,515	597	936,077	20,194	10,703,129	19,598	3	593	1,973,502	16,982,153	35,850,829

[1] Includes Boston, Mass., 2; Buffalo, N.Y., 1; Camden, N. J., 1; Chester, Pa., 1; Chicago, Ill., 1; Cleveland, Ohio, 1; Detroit, Mich., 1; Dubuque, Iowa, 1; Elizabeth, N. J., 1; Hoboken, N. J., 2; Jacksonville, Fla., 1; Newburg, N. Y., 1; Philadelphia, Pa., 2; Portland, Oreg., 1; Richmond, Va., 1; San Francisco, Cal., 2; Seattle, Wash., 1; Superior, Wis., 1; Toledo, Ohio, 1; Wilmington, Del., 2.

SHIRTS.

Total	764	$16,255,467	1,654	$1,459,621	26,717	$8,784,742	5,356	20,949	412	$4,400,392	$19,431,622	$39,823,765
Albany, N. Y	7	307,974	8	10,504	446	147,653	44	399	3	16,925	153,411	469,058
Auburn, N. Y	3	8,450	1	400	7	1,945	2	5		347	3,228	6,530
Baltimore, Md	34	1,173,989	128	125,651	2,475	528,750	602	1,833	40	300,666	2,362,502	3,686,675
Bayonne, N. J	4	10,855			113	42,072	72	41		1,305	4,373	61,370
Binghamton, N. Y	5	32,022	8	3,670	73	17,685	5	68		1,937	33,985	71,124
Boston, Mass	14	118,826	7	4,170	204	71,180	11	192	1	53,523	246,478	459,602
Bridgeport, Conn	3	315,083	3	5,500	407	127,120	35	372		5,172	151,835	343,202
Buffalo, N. Y	8	50,430	9	9,228	160	43,307	17	143		19,444	73,688	164,143
Chicago, Ill	49	564,098	120	96,838	1,228	422,866	166	1,051	11	116,669	928,137	1,879,919
Cincinnati, Ohio	29	213,877	45	24,636	458	111,942	50	407	1	41,686	268,071	561,951

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

SHIRTS—Continued.

CITIES.	Number of establishments.	Capital.	Salaried officials, clerks, etc.		Average number of wage-earners and total wages.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Cleveland, Ohio	4	$32,090			62	$10,496	4	58		$3,410	$38,825	$66,370
Columbus, Ohio	7	12,975	2	$1,725	49	15,018	4	45		2,276	26,037	52,800
Dallas, Tex	3	5,600	3	4,500	36	7,938		36		1,662	14,129	34,000
Denver, Colo	5	15,600	2	2,412	51	19,264	5	46		2,215	39,870	73,500
Detroit, Mich	3	24,117	4	3,756	34	7,609	2	32		2,592	26,464	44,846
Duluth, Minn	3	3,400			27	7,348	3	24		1,058	17,231	30,228
Elizabeth, N. J	3	30,000	1	320	156	45,728	7	140	9	1,118	837	55,500
Grand Rapids, Mich	6	43,772	33	19,084	122	40,814	28	94		14,649	45,688	145,054
Indianapolis, Ind	6	28,854			57	24,246	16	41		3,801	19,956	61,450
Kansas City, Mo	6	47,365	3	5,100	134	44,889	17	117		4,715	65,874	139,720
Los Angeles, Cal	5	8,875	5	4,380	30	5,044		30		2,143	11,907	35,451
Louisville, Ky	9	51,679	16	7,400	164	37,554	20	137	7	10,044	55,345	119,821
Memphis, Tenn	7	86,375			48	21,220	9	39		10,410	45,815	94,200
Milwaukee, Wis	4	10,705	2	1,150	40	11,532	5	35		1,036	13,735	42,937
Minneapolis, Minn	6	60,790	21	17,280	112	46,451	12	100		14,605	65,950	170,043
Nashville, Tenn	3	9,000	5	4,000	29	6,804		29		4,222	12,262	40,700
Newark, N. J	7	64,610	11	13,750	158	47,660	17	141		5,345	41,035	124,933
New Haven, Conn	5	13,614	4	2,000	28	8,548	5	23		2,231	17,728	38,423
New Orleans, La	6	44,345	5	2,110	130	24,396	6	124		3,691	74,550	140,050
New York, N. Y	216	4,689,730	543	426,405	4,506	1,877,086	1,928	2,561	17	2,812,342	7,240,088	14,212,181
Norfolk, Va	3	6,850	2	500	19	4,000	1	18		1,176	9,870	21,000
Omaha, Nebr	4	12,100	6	2,652	23	8,150	3	20		1,909	10,886	31,595
Paterson, N. J	3	533,100	17	16,118	962	398,139	252	681	29	19,520	432,981	942,000
Philadelphia, Pa	60	2,124,862	213	208,485	2,829	915,523	496	2,236	97	315,916	1,937,564	3,979,408
Pittsburg, Pa	8	52,416	27	15,243	155	42,259	6	147	2	5,892	75,803	157,579
Pittsfield, Mass	3	6,900	2	1,820	91	24,305	1	90		4,621	2,418	35,856
Portland, Me	3	1,228			4	1,000		4		279	1,665	4,400
Portland, Oreg	5	5,800	5	1,380	28	8,800	3	24	1	2,387	21,234	43,090
Providence, R. I	4	7,900	3	2,000	22	7,800	1	21		1,345	13,312	35,630
Reading, Pa	5	41,456	8	4,580	74	16,905	3	71		1,387	39,541	76,155
Richmond, Va	4	47,440	6	7,900	104	24,481	19	78	7	16,064	21,354	79,143
Rochester, N. Y	3	4,125	3	840	8	2,621	1	7		291	2,268	7,350
St. Louis, Mo	19	352,557	58	65,715	814	226,501	48	738	28	31,207	379,040	848,737
St. Paul, Minn	3	14,900	2	1,500	34	10,175	2	32		1,395	15,370	37,500
San Francisco, Cal	26	254,587	38	46,888	582	215,144	96	484	2	82,846	416,015	930,815
South Bend, Ind	3	229,900	11	10,180	616	216,244	57	559		4,241	254,526	555,500
Syracuse, N. Y	11	10,350	1	510	45	13,723	4	41		2,318	15,712	40,512
Troy, N. Y	8	3,026,501	124	175,249	4,697	1,667,854	790	3,852	55	295,319	1,763,823	4,774,520
Utica, N. Y	4	4,200	1	468	17	4,650		16	1	1,263	7,729	17,150
Washington, D. C	5	8,868	1	1,200	27	7,676	2	24	1	1,546	6,904	24,356
Wilkesbarre, Pa	3	12,800	2	1,850	77	18,720	5	67	5	1,300	69,145	103,940
Williamsport, Pa	3	5,800			20	7,500	3	17		568	5,885	18,600
Worcester, Mass	3	6,368			25	11,175	2	23		973	13,107	29,377
York, Pa	4	18,186	2	1,336	207	40,290	8	185	14	1,210	90,831	165,832
Zanesville, Ohio	3	17,550	6	3,720	70	13,618	4	66		1,606	42,800	70,172
All other cities[1]	94	1,369,623	125	93,518	3,623	1,053,324	457	3,085	81	142,574	1,682,805	3,367,767

[1] Includes Akron, Ohio, 1; Allentown, Pa., 1; Augusta, Ga., 1; Burlington, Iowa, 1; Cambridge, Mass., 1; Canton, Ohio, 2; Chattanooga, Tenn., 1; Chelsea, Mass., 1; Chester, Pa., 1; Cohoes, N. Y., 1; Dayton, Ohio, 2; Des Moines, Iowa, 1; Easton, Pa., 1; Elgin, Ill., 1; Elmira, N. Y., 2; Evansville, Ind., 2; Fitchburg, Mass., 1; Fort Wayne, Ind., 2; Fort Worth, Tex., 1; Harrisburg, Pa., 2; Hartford, Conn., 2; Haverhill, Mass., 1; Hoboken, N. J., 1; Houston, Tex., 1; Jackson, Mich., 2; Jamestown, N. Y., 1; Jersey City, N. J., 1; Kingston, N. Y., 2; Knoxville, Tenn., 1; Lancaster, Pa., 2; Lewiston, Me., 1; Lima, Ohio, 1; Lincoln, Nebr., 1; Lowell, Mass., 1; Lynn, Mass., 1; Macon, Ga., 1; Manchester, N. H., 1; Mobile, Ala., 1; New Bedford, Mass., 2; New Britain, Conn., 1; New Brunswick, N. J., 1; Newburg, N. Y., 1; Newcastle, Pa., 1; Norristown, Pa., 1; Oakland, Cal., 1; Oshkosh, Wis., 1; Peoria, Ill., 2; Poughkeepsie, N. Y., 2; Quincy, Ill., 1; Quincy, Mass., 1; Racine, Wis., 1; Rockford, Ill., 2; Sacramento, Cal., 1; Saginaw, Mich., 1; St. Joseph, Mo., 1; Salt Lake City, Utah, 1; San Antonio, Tex., 1; Schenectady, N. Y., 2; Scranton, Pa., 1; Seattle, Wash., 2; Shenandoah, Pa., 1; Sioux City, Iowa, 1; Spokane, Wash., 1; Springfield, Ill., 1; Springfield, Mass., 2; Springfield, Mo., 1; Superior, Wis., 1; Tacoma, Wash., 1; Terre Haute, Ind., 1; Topeka, Kans., 1; Trenton, N. J., 1; Waco, Tex., 1; Waterbury, Conn., 1; Wichita, Kans., 1; Wilmington, Del., 2; Wilmington, N. C., 1.

SILK AND SILK GOODS.

Total	303	$45,637,421	1,625	$1,966,955	39,815	$13,856,274	15,115	21,250	3,450	$6,834,037	$37,744,300	$66,329,878
Allentown, Pa	7	2,149,130	65	67,616	2,380	607,247	655	1,405	320	372,061	2,007,977	3,467,792
Boston, Mass	4	37,877	8	9,450	111	27,188	17	91	3	7,083	31,030	83,407
Chicago, Ill	4	259,540	33	51,180	412	121,644	81	310	21	42,410	187,514	421,088
Hoboken, N. J	3	239,417	4	7,500	244	80,328	92	92	60	19,196	95,556	221,920
Jersey City, N. J	6	673,821	20	23,600	873	349,117	375	490	8	164,720	604,079	1,274,550
New York, N. Y	68	7,073,106	252	375,420	5,536	2,239,419	2,286	3,069	181	1,309,980	4,714,785	9,521,354
Paterson, N. J	136	19,025,564	602	735,563	15,943	6,291,998	7,668	7,443	832	2,946,066	14,105,821	26,006,156
Philadelphia, Pa	28	3,813,532	184	179,253	2,506	826,456	676	1,628	202	299,965	2,291,674	4,531,794
San Francisco, Cal	3	24,000	4	3,348	40	11,060	8	30	2	2,815	16,888	44,800
Scranton, Pa	5	1,641,251	50	77,077	2,318	363,476	139	1,374	805	134,746	2,861,857	3,616,885
West Hoboken, N. J	5	3,327,900	155	136,677	2,306	880,171	939	1,316	51	527,884	2,136,699	3,961,054
All other cities[1]	34	7,372,283	248	300,271	7,146	2,058,170	2,179	4,002	965	1,007,111	8,690,420	13,179,078

[1] Includes Altoona, Pa., 1; Auburn, N. Y., 1; Bridgeport, Conn., 2; Easton, Pa., 2; Elmira, N. Y., 2; Harrisburg, Pa., 1; Haverhill, Mass., 1; Holyoke, Mass., 2; Lancaster, Pa., 1; Newburg, N. Y., 1; New Haven, Conn., 1; Newton, Mass., 1; Norfolk, Va., 1; Passaic, N. J., 1; Pawtucket, R. I., 1; Petersburg, Va., 1; Pittsfield, Mass., 1; Providence, R. I., 2; Reading, Pa., 1; Salt Lake City, Utah, 1; Watertown, N. Y., 1; Wilkesbarre, Pa., 2; Williamsport, Pa., 1; Wilmington, Del., 1; Worcester, Mass., 1; Yonkers, N. Y., 1; York, Pa., 2.

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

SLAUGHTERING AND MEAT PACKING, WHOLESALE.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Total	410	$153,827,458	8,919	$8,756,019	57,791	$28,074,511	53,567	2,799	1,425	$21,450,532	$536,460,070	$617,890,435
Albany, N. Y.	6	113,653			30	14,364	30			13,007	344,029	399,468
Allegheny, Pa	8	1,497,666	52	57,800	438	233,028	426	7	5	111,546	3,338,805	3,996,807
Baltimore, Md	40	1,121,507	54	48,424	437	204,094	428	6	3	90,767	4,655,006	5,308,334
Buffalo, N. Y.	10	4,948,216	188	133,113	829	384,007	777	45	7	320,418	8,286,237	9,631,187
Camden, N. J.	3	43,150	1	780	25	15,148	25			2,235	422,653	456,418
Chicago, Ill	28	66,766,468	3,972	4,195,142	25,141	12,745,756	23,205	1,421	515	13,783,108	211,606,743	248,811,997
Cincinnati, Ohio	21	2,790,814	98	103,830	801	382,691	772	10	19	419,379	8,083,282	9,532,057
Cleveland, Ohio	10	1,827,288	173	135,886	577	235,023	559	18		175,132	6,759,023	7,514,470
Columbus, Ohio	5	152,410	4	2,410	73	34,290	73			2,316	630,330	714,132
Davenport, Iowa	3	227,750	9	6,700	63	24,634	63			12,650	543,484	675,810
Dayton, Ohio	9	228,400	12	9,900	144	74,061	144			9,967	898,963	1,031,575
Detroit, Mich	3	1,092,001	56	54,221	291	150,482	291			62,793	2,844,089	3,167,430
Dubuque, Iowa	4	139,200	7	5,170	61	22,790	61			2,817	378,710	470,646
Evansville, Ind	6	126,125	8	10,220	70	29,200	70			9,810	518,906	590,863
Fort Wayne, Ind	3	131,100	9	6,200	84	35,828	83	1		4,921	592,650	698,923
Indianapolis, Ind	4	3,640,096	131	125,334	1,920	766,566	1,556	313	51	212,959	17,039,170	18,382,679
Kansas City, Kans	5	15,038,901	1,760	1,567,580	7,664	3,350,238	6,725	658	281	1,915,675	64,575,866	73,205,027
Louisville, Ky	8	1,177,476	52	45,739	434	182,197	433	1		96,112	3,648,201	4,231,608
Milwaukee, Wis	5	1,601,498	74	76,569	623	273,410	623			193,319	5,002,144	5,980,340
Newark, N. J.	8	321,477	36	29,208	169	89,473	167		2	37,809	2,865,204	3,093,396
New York, N. Y.	22	1,557,303	102	102,316	508	308,627	500	5	3	163,220	7,038,012	7,955,806
Paterson, N. J.	3	399,800	11	15,464	75	41,562	75			30,965	1,042,952	1,370,486
Philadelphia, Pa	22	1,417,002	118	86,637	353	198,110	353			73,903	4,317,472	5,128,823
Pittsburg, Pa	5	786,810	47	42,713	150	93,950	148	2		28,001	1,779,600	2,054,521
Portland, Oreg	4	604,282	34	39,790	121	54,025	116		5	29,700	1,109,939	1,306,996
Providence, R. I	3	252,720	16	17,636	122	58,024	119		3	30,597	1,155,026	1,316,220
Sacramento, Cal	3	245,500	9	9,430	43	34,260	43			23,253	204,440	293,130
St. Joseph, Mo	3	2,908,197	81	62,316	1,371	613,778	1,332	2	37	122,807	17,859,996	19,009,332
St. Louis, Mo	21	2,512,805	93	133,273	792	425,881	787	3	2	158,280	10,519,065	12,267,532
St. Paul, Minn	3	199,773	12	7,890	69	32,378	67	2		12,716	591,214	824,158
San Francisco, Cal	11	1,680,424	72	117,195	391	198,461	388	3		260,237	4,303,182	5,221,839
Seattle, Wash	8	570,350	48	44,990	132	89,165	130	2		45,751	2,666,655	3,072,195
South Omaha, Nebr	5	15,635,418	712	677,256	5,938	2,914,217	5,451	173	314	1,475,728	60,021,201	67,716,724
Terre Haute, Ind	3	43,100	2	960	19	6,500	19			3,930	184,269	212,962
Washington, D. C	6	205,800	31	15,720	91	43,207	89	2		14,735	980,795	1,131,312
Wilkesbarre, Pa	3	184,424	14	13,610	21	10,363	21			11,313	406,538	474,646
Wilmington, Del	3	224,220	12	9,040	29	16,602	29			9,610	352,835	415,144
All other cities[1]	93	21,414,334	809	750,557	7,692	3,688,121	7,389	125	178	1,479,046	78,893,384	90,225,442

[1] Includes Allentown, Pa., 2; Amsterdam, N. Y., 1; Anderson, Ind., 1; Bangor, Me., 1; Bayonne, N. J., 1; Boston, Mass., 1; Bridgeport, Conn., 2; Burlington, Iowa, 1; Cambridge, Mass., 2; Cedar Rapids, Iowa, 1; Charleston, S. C., 1; Chester, Pa., 1; Clinton, Iowa, 1; Covington, Ky., 1; Dallas, Tex., 2; Decatur, Ill., 2; Denver, Colo., 2; Duluth, Minn., 1; Easton, Pa., 1; East St. Louis, Ill., 1; Elgin, Ill., 1; Fall River, Mass., 2; Fort Worth, Tex., 1; Harrisburg, Pa., 2; Haverhill, Mass., 1; Houston, Tex., 1; Jersey City, N. J., 1; Joliet, Ill., 2; Kingston, N. Y., 1; La Crosse, Wis., 2; Lancaster, Pa., 1; Leavenworth, Kans., 2; Lexington, Ky., 1; Lima, Ohio, 1; Little Rock, Ark., 1; Los Angeles, Cal., 1; Macon, Ga., 1; Minneapolis, Minn., 1; Nashua, N. H., 1; Newburg, N. Y., 1; New Haven, Conn., 1; Newport, Ky., 1; Oswego, N. Y., 1; Passaic, N. J., 1; Pawtucket, R. I., 2; Peoria, Ill., 2; Poughkeepsie, N. Y., 1; Pueblo, Colo., 2; Quincy, Ill., 1; Reading, Pa., 1; Rochester, N. Y., 1; Rockford, Ill., 1; Saginaw, Mich., 1; Salt Lake City, Utah, 1; San Antonio, Tex., 1; San Jose, Cal., 2; Scranton, Pa., 2; Sioux City, Iowa, 2; Somerville, Mass., 2; Spokane, Wash., 1; Springfield, Mass., 1; Syracuse, N. Y., 1; Tacoma, Wash., 1; Toledo, Ohio, 1; Topeka, Kans., 1; Trenton, N. J., 2; Troy, N. Y., 1; Utica, N. Y., 2; Waco, Tex., 1; Wheeling, W. Va., 1; Wichita, Kans., 1; Worcester, Mass., 1; Zanesville, Ohio, 1.

SLAUGHTERING, WHOLESALE, NOT INCLUDING MEAT PACKING.

Total	247	$14,213,072	520	$602,888	3,293	$2,133,206	3,281	6	6	$1,285,205	$69,517,247	$78,385,079
Baltimore, Md	33	223,446	3	1,300	71	29,804	70	1		8,779	1,602,552	1,758,127
Boston, Mass	5	28,915	3	2,548	21	16,270	21			9,235	896,855	988,010
Buffalo, N. Y.	14	225,478	15	13,410	99	52,862	99			22,460	1,740,439	1,969,980
Chicago, Ill	10	371,101	38	38,852	204	129,920	204			46,717	6,634,588	7,715,952
Cincinnati, Ohio	6	102,250			55	31,930	55			18,510	723,370	838,120
Covington, Ky	3	16,300			12	5,844	12			570	229,431	257,080
Denver, Colo	5	68,843	9	6,960	40	25,274	40			7,689	592,960	665,023
Detroit, Mich	13	92,775	5	5,360	47	27,374	47			7,794	784,351	880,319
Indianapolis, Ind	3	167,150	5	3,500	23	16,660	23			6,030	361,160	398,763
Jersey City, N. J.	12	374,042	13	16,690	149	109,893	149			46,227	5,391,830	5,708,763
Kansas City, Kans	3	75,700	11	11,856	49	31,272	49			3,736	506,715	582,744
Louisville, Ky	4	40,950			15	7,220	15			4,200	180,285	213,370
Muncie, Ind	3	7,300			6	3,658	6			786	151,930	172,128
New York, N. Y.	30	7,709,958	253	308,538	1,424	994,899	1,423	1		725,813	30,975,865	34,923,412
Philadelphia, Pa	36	465,730	23	25,288	264	174,500	261	1	2	147,771	6,003,593	6,891,639
Poughkeepsie, N. Y.	3	10,975			4	1,945	4			373	98,712	109,242
St. Louis, Mo	4	95,444	10	9,300	49	22,406	47		2	13,622	601,260	675,844
St. Paul, Minn	3	51,225	4	3,500	15	9,874	15			8,381	398,535	464,206
San Francisco, Cal	15	624,938	42	60,295	141	125,470	141			46,171	4,319,812	4,769,760
All other cities[1]	42	2,960,552	86	95,491	605	316,131	600	3	2	160,341	7,323,004	8,402,597

[1] Includes Albany, N. Y., 2; Anderson, Ind., 2; Bangor, Me., 1; Bridgeport, Conn., 2; Butte, Mont., 2; Camden, N. J., 1; Davenport, Iowa, 1; Dayton, Ohio, 1; Des Moines, Iowa, 2; Dubuque, Iowa, 1; East St. Louis, Ill., 2; Erie, Pa., 2; Evansville, Ind., 1; Jackson, Mich., 1; Lincoln, Nebr., 1; Milwaukee, Wis., 1; Montgomery, Ala., 1; Newark, N. J., 2; New Haven, Conn., 1; Newport, Ky., 1; Norfolk, Va., 1; Norristown, Pa., 1; Pawtucket, R. I., 1; Salt Lake City, Utah, 1; San Jose, Cal., 1; Sioux City, Iowa, 1; Somerville, Mass., 2; South Omaha, Nebr., 1; Springfield, Ill., 1; Tacoma, Wash., 1; Utica, N. Y., 1; Washington, D. C., 1; Wilmington, Del., 1.

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

SOAP AND CANDLES.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Total	395	$30,175,389	2,441	$2,444,191	8,212	$3,218,830	5,828	1,786	598	$4,923,670	$28,714,967	$45,595,491
Allegheny, Pa	4	228,503	20	20,573	40	19,726	35	1	4	18,372	146,617	245,280
Baltimore, Md	5	207,332	32	28,074	126	53,388	91	30	5	18,967	165,753	279,887
Boston, Mass	13	347,810	23	25,058	126	62,698	122	-------	4	18,630	366,538	511,664
Buffalo, N. Y	9	2,565,134	493	266,754	743	241,639	483	161	99	363,336	2,475,171	3,818,571
Cambridge, Mass	5	698,164	73	68,691	152	68,484	149	3	-------	58,147	528,881	872,582
Camden, N. J	3	433,120	20	19,014	38	15,814	27	10	1	14,564	96,517	181,785
Chicago, Ill	27	6,306,956	364	425,700	1,484	531,576	1,009	278	197	701,614	5,793,392	9,064,989
Cincinnati, Ohio	20	1,180,827	88	86,961	452	157,458	287	159	6	71,558	1,279,812	1,877,062
Cleveland, Ohio	7	113,688	21	17,081	38	18,308	36	2	-------	9,661	105,305	173,650
Dayton, Ohio	6	239,376	62	52,618	87	30,904	52	13	22	100,440	290,906	643,458
Denver, Colo	3	205,154	10	16,674	50	25,762	45	5	-------	14,811	170,087	241,544
Detroit, Mich	5	318,210	24	20,652	72	30,082	53	14	5	27,606	274,555	409,813
Fall River, Mass	3	10,525	-------	-------	2	1,400	2	-------	-------	682	2,728	6,116
Indianapolis, Ind	7	41,990	10	9,783	27	9,714	17	10	-------	7,628	75,529	128,793
Jersey City, N. J	6	1,202,677	149	186,244	482	180,868	335	105	42	337,298	1,081,443	2,045,839
Kansas City, Kans	3	904,957	57	62,651	164	69,003	119	37	8	196,249	652,150	1,020,337
Los Angeles, Cal	5	250,345	11	14,340	30	16,620	24	6	-------	14,027	141,279	192,657
Lynn, Mass	3	130,287	8	6,000	39	17,448	33	6	-------	11,269	78,661	146,379
Milwaukee, Wis	10	644,686	63	85,251	170	64,906	112	58	-------	94,929	635,876	967,767
Minneapolis, Minn	4	73,261	13	13,612	22	8,321	14	6	2	4,441	98,395	155,380
Nashville, Tenn	3	190,250	23	15,200	97	35,560	77	20	-------	7,078	225,124	287,920
New Orleans, La	4	147,200	13	15,416	37	25,125	36	-------	1	3,014	118,498	185,600
New York, N. Y	50	4,054,753	192	243,797	981	467,582	743	180	58	1,571,713	4,529,480	7,729,792
Paterson, N. J	3	15,255	3	2,920	5	4,057	5	-------	-------	1,577	59,230	70,419
Philadelphia, Pa	33	2,307,478	116	111,986	499	198,430	340	143	16	433,544	1,554,511	2,716,357
Portland, Oreg	3	81,490	13	13,673	24	7,609	11	12	1	5,137	78,221	115,859
St. Louis, Mo	13	2,281,698	151	209,195	552	230,489	422	129	1	232,352	2,449,210	3,437,735
St. Paul, Minn	3	279,700	12	19,700	34	11,100	14	20	-------	3,979	162,575	302,800
San Antonio, Tex	3	37,194	4	1,065	8	4,744	8	-------	-------	2,037	29,143	45,592
San Francisco, Cal	17	821,080	35	39,671	176	85,312	140	28	8	58,991	802,861	1,170,568
Springfield, Mass	3	29,210	5	8,000	14	9,034	14	-------	-------	1,462	46,517	89,520
Syracuse, N. Y	5	611,950	28	34,699	193	67,655	130	53	10	47,074	426,490	605,409
All other cities[1]	107	3,215,099	305	303,138	1,248	448,014	843	297	108	471,483	3,773,512	5,854,367

[1] Includes Akron, Ohio, 1; Albany, N. Y., 1; Atlanta, Ga., 1; Aurora, Ill., 1; Austin, Tex., 1; Bridgeport, Conn., 1; Burlington, Iowa, 1; Canton, Ohio, 1; Charleston, S. C., 1; Clinton, Iowa, 1; Cohoes, N. Y., 2; Columbus, Ohio, 2; Council Bluffs, Iowa, 1; Davenport, Iowa, 1; Des Moines, Iowa, 2; Dubuque, Iowa, 1; Duluth, Minn., 1; Elgin, Ill., 1; Elmira, N. Y., 1; Evansville, Ind., 1; Everett, Mass., 1; Fort Wayne, Ind., 1; Gloucester, Mass., 1; Grand Rapids, Mich., 2; Harrisburg, Pa., 1; Haverhill, Mass., 2; Hoboken, N. J., 1; Houston, Tex., 2; Jackson, Mich., 1; Johnstown, Pa., 1; Kalamazoo, Mich., 1; Kansas City, Mo., 2; Kingston, N. Y., 1; La Crosse, Wis., 1; Lancaster, Pa., 1; Lawrence, Mass., 2; Leavenworth, Kans., 1; Lexington, Ky., 1; Louisville, Ky., 2; Lowell, Mass., 1; Malden, Mass., 1; Memphis, Tenn., 1; Meriden, Conn., 1; Newark, N. J., 2; New Bedford, Mass., 1; New Britain, Conn., 1; Newburg, N. Y., 2; New Haven, Conn., 1; Oakland, Cal., 1; Omaha, Nebr., 2; Oswego, N. Y., 2; Passaic, N. J., 1; Pawtucket, R. I., 1; Peoria, Ill., 1; Petersburg, Va., 1; Pittsburg, Pa., 2; Portland, Me., 1; Providence, R. I., 2; Quincy, Ill., 1; Quincy, Mass., 1; Reading, Pa., 1; Rochester, N. Y., 2; Rockford, Ill., 1; Sacramento, Cal., 1; Saginaw, Mich., 1; Salt Lake City, Utah, 1; San Jose, Cal., 1; Scranton, Pa., 1; Seattle, Wash., 2; Sioux City, Iowa, 1; South Omaha, Nebr., 1; Spokane, Wash., 1; Springfield, Ill., 1; Springfield, Mo., 1; Springfield, Ohio, 1; Tacoma, Wash., 1; Taunton, Mass., 1; Toledo, Ohio, 2; Utica, N. Y., 1; Washington, D. C., 1; Wichita, Kans., 2; Wilmington, Del., 1; Woonsocket, R. I., 2; Worcester, Mass., 1; York, Pa., 1; Zanesville, Ohio, 2.

STEAM FITTINGS AND HEATING APPARATUS.

Total	184	$16,268,166	1,061	$1,308,249	8,074	$4,430,245	7,918	119	37	$1,197,180	$8,789,941	$19,362,463
Boston, Mass	20	1,718,914	130	183,141	1,365	830,685	1,358	7	-------	161,416	1,143,827	2,876,327
Bridgeport, Conn	3	382,146	24	33,771	154	79,179	154	-------	-------	14,905	173,975	371,448
Chicago, Ill	26	379,588	56	69,573	333	213,835	327	-------	6	49,698	470,868	1,018,068
Cincinnati, Ohio	7	669,368	43	48,680	293	171,709	288	-------	5	43,412	295,915	658,378
Cleveland, Ohio	4	146,186	10	9,760	31	18,006	31	-------	-------	5,709	56,839	143,300
Detroit, Mich	11	2,021,313	111	144,181	1,251	613,258	1,239	12	-------	54,868	862,181	2,104,066
Indianapolis, Ind	3	98,195	7	5,340	60	26,582	60	-------	-------	8,304	54,864	142,975
Milwaukee, Wis	8	934,426	63	64,713	395	137,661	388	7	-------	74,376	733,935	1,123,731
Minneapolis, Minn	4	43,650	5	5,000	52	24,895	52	-------	-------	6,287	62,616	115,800
Newark, N. J	3	82,458	10	19,196	34	15,325	34	-------	-------	2,473	68,246	124,550
New York, N. Y	27	2,365,199	152	273,020	1,332	837,475	1,266	64	2	326,403	2,209,181	4,144,977
Philadelphia, Pa	11	797,296	58	70,172	281	158,691	255	11	15	70,143	382,781	809,225
Pittsburg, Pa	9	356,158	47	55,590	205	99,345	201	4	-------	32,178	344,466	644,180
St. Louis, Mo	4	338,474	30	30,517	199	93,083	199	-------	-------	27,988	185,404	439,487
Syracuse, N. Y	3	200,800	22	22,532	87	40,730	75	12	-------	22,210	221,506	362,087
Utica, N. Y	3	1,649,559	120	77,352	620	335,802	620	-------	-------	120,691	407,438	1,204,693
All other cities[1]	38	4,084,436	173	195,711	1,382	733,984	1,371	2	9	181,119	1,115,899	3,079,171

[1] Includes Albany, N. Y., 2; Atlanta, Ga., 1; Buffalo, N. Y., 2; Camden, N. J., 1; Canton, Ohio, 2; Columbus, Ohio, 2; Denver, Colo., 2; Des Moines, Iowa, 2; Easton, Pa., 2; Grand Rapids, Mich., 2; Hartford, Conn., 1; Hoboken, N. J., 1; Johnstown, Pa., 1; Los Angeles, Cal., 1; Louisville, Ky., 1; New Orleans, La., 1; Paterson, N. J., 1; Peoria, Ill., 1; Pittsfield, Mass., 1; Providence, R. I., 2; Rochester, N. Y., 1; Rockford, Ill., 1; St. Paul, Minn., 1; San Francisco, Cal., 2; Springfield, Ohio, 1; Tacoma, Wash., 1; Williamsport, Pa., 1; York, Pa., 1.

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

TOBACCO, CHEWING, SMOKING, AND SNUFF.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Total	218	$30,379,648	2,314	$2,678,626	18,163	$5,265,692	8,600	8,383	1,180	$36,340,270	$26,971,065	$78,703,184
Albany, N. Y	3	133,190	15	16,436	90	40,238	76	14	------	100,154	64,696	257,519
Baltimore, Md	5	1,805,611	120	259,624	2,002	564,272	584	1,232	186	3,233,312	2,496,107	7,054,159
Binghamton, N. Y	3	4,101	3	3,000	13	2,500	12	1	------	5,423	4,050	12,975
Chicago, Ill	24	839,900	77	120,828	631	205,394	155	404	72	1,503,558	1,036,759	3,054,540
Cincinnati, Ohio	11	615,188	37	44,940	292	121,716	151	141	------	1,047,285	688,052	1,987,464
Covington, Ky	4	172,340	42	39,573	128	36,155	79	49	------	261,984	151,162	541,158
Detroit, Mich	8	894,400	156	202,689	1,173	322,817	474	698	1	1,935,032	1,174,039	3,746,045
Evansville, Ind	5	4,810	------	------	10	2,365	3	5	2	8,173	5,953	21,430
Jersey City, N. J	3	5,352,694	65	56,885	1,458	349,583	453	913	92	1,895,990	1,851,211	5,799,668
Louisville, Ky	24	2,894,999	388	443,878	2,710	748,121	1,946	421	343	6,618,729	4,861,060	18,693,700
Milwaukee, Wis	4	716,972	30	53,420	296	102,881	169	100	27	843,309	469,799	1,624,801
Nashville, Tenn	4	374,930	36	31,455	104	27,265	50	53	1	110,683	102,014	357,245
New York, N. Y	13	1,134,692	81	124,221	758	252,741	271	484	3	1,681,380	1,502,234	3,829,313
Petersburg, Va	6	1,309,696	67	96,120	1,298	255,895	686	523	89	469,899	823,678	1,865,153
Philadelphia, Pa	6	852,379	9	4,230	48	21,063	34	14	------	117,133	102,939	303,246
Richmond, Va	17	2,088,661	252	253,754	2,328	485,046	1,224	864	240	2,118,034	1,926,504	5,223,733
St. Louis, Mo	13	6,757,781	709	679,365	3,502	1,360,692	1,773	1,649	80	12,259,601	8,007,656	24,411,307
Scranton, Pa	3	188,933	19	16,735	102	36,672	29	73	------	91,401	140,678	344,593
Utica, N. Y	4	71,568	9	8,344	32	9,951	24	7	1	76,303	43,819	148,390
Wheeling, W. Va	4	2,253,775	50	49,118	318	79,765	66	252	------	659,763	477,253	1,362,978
All other cities[1]	54	1,913,028	149	174,011	870	240,560	341	486	43	1,303,124	1,041,402	3,063,767

[1] Includes Birmingham, Ala., 1; Buffalo, N. Y., 2; Cleveland, Ohio, 1; Davenport, Iowa, 1; Dayton, Ohio, 1; Denver, Colo., 2; Dubuque, Iowa, 1; Elmira, N. Y., 2; Indianapolis, Ind., 2; Jamestown, N. Y., 1; Kansas City, Mo., 1; Kingston, N. Y., 1; Lancaster, Pa., 2; Lexington, Ky., 2; Minneapolis, Minn., 2; New Albany, Ind., 1; Newark, N. J., 1; Newburg, N. Y., 1; New Orleans, La., 2; Newport, Ky., 1; Norristown, Pa., 1; Omaha, Nebr., 2; Oshkosh, Wis., 1; Paterson, N. J., 1; Pittsburg, Pa., 2; Quincy, Ill., 2; Racine, Wis., 1; Reading, Pa., 2; Roanoke, Va., 1; Rochester, N. Y., 2; Rockford, Ill., 1; St. Paul, Minn., 1; San Francisco, Cal., 1; Springfield, Mo., 2; Syracuse, N. Y., 2; Terre Haute, Ind., 1; Toledo, Ohio, 1; York, Pa., 1; Zanesville, Ohio, 1.

TOBACCO, CIGARS AND CIGARETTES.

Total	8,477	$46,356,480	3,276	$3,708,997	71,814	$28,923,535	40,305	29,375	2,134	$23,645,363	$40,650,949	$114,724,412
Akron, Ohio	7	4,803	------	------	9	3,816	9	------	------	2,192	8,789	21,990
Albany, N. Y	71	383,500	28	21,628	280	151,982	221	55	4	58,128	167,623	502,227
Allegheny, Pa	54	333,523	18	13,753	734	156,669	112	525	97	272,990	166,923	690,210
Allentown, Pa	48	195,806	20	15,242	308	95,900	142	163	3	69,212	234,027	464,348
Altoona, Pa	3	10,250	3	1,700	32	8,935	8	24	------	8,507	12,670	33,750
Amsterdam, N. Y	14	22,505	------	------	34	16,423	34	------	------	7,256	21,557	59,045
Anderson, Ind	7	5,040	1	500	18	8,695	14	------	4	3,505	9,455	27,660
Atlanta, Ga	10	17,753	4	1,415	38	13,946	32	4	2	6,762	26,330	50,832
Auburn, N. Y	15	18,603	------	------	25	12,413	23	2	------	6,658	20,703	52,784
Augusta, Ga	5	5,430	1	600	9	2,178	7	------	2	1,627	4,049	11,610
Aurora, Ill	16	43,860	------	------	43	22,445	36	------	7	10,198	22,523	68,350
Austin, Tex	4	4,360	------	------	4	2,350	4	------	------	1,373	4,457	11,426
Baltimore, Md	316	1,365,496	150	104,141	2,023	664,578	1,327	615	81	396,133	922,724	2,522,296
Bangor, Me	3	34,621	5	3,050	43	25,900	30	13	------	6,048	17,326	64,391
Bay City, Mich	14	32,720	2	600	49	24,869	41	8	------	10,783	29,794	79,899
Bayonne, N. J	4	1,035	------	------	1	520	1	------	------	765	1,272	4,282
Binghamton, N. Y	53	1,042,924	70	113,824	1,446	491,618	553	893	------	391,673	503,219	1,951,842
Birmingham, Ala	5	2,542	------	------	11	4,992	9	------	2	5,287	10,290	33,530
Bloomington, Ill	15	29,550	7	4,040	57	28,036	51	6	------	11,051	18,891	81,235
Boston, Mass	107	1,304,711	83	104,151	1,780	1,207,351	1,368	409	3	364,558	1,224,424	3,504,603
Bridgeport, Conn	17	24,235	1	624	22	10,814	19	2	1	6,279	16,822	47,449
Buffalo, N. Y	176	420,011	16	15,068	325	178,686	279	33	13	106,470	298,512	811,605
Burlington, Iowa	22	45,299	8	5,330	126	47,674	92	------	34	22,864	58,133	149,606
Butte, Mont	6	14,900	------	------	27	20,052	19	------	8	5,278	22,402	57,790
Cambridge, Mass	5	8,162	1	1,100	24	15,690	19	5	------	5,698	18,717	58,898
Camden, N. J	24	28,839	4	980	49	18,532	28	19	2	9,076	25,846	59,505
Canton, Ohio	15	13,478	3	1,416	43	13,647	19	24	------	13,190	16,125	54,195
Cedar Rapids, Iowa	9	11,032	1	200	22	9,694	17	5	------	6,141	14,559	38,353
Charleston, S. C	4	9,410	------	------	17	5,600	16	------	1	2,493	6,035	18,450
Chattanooga, Tenn	4	9,902	1	910	14	6,262	8	4	2	3,158	7,823	23,070
Chelsea, Mass	11	24,725	------	------	27	11,152	19	8	------	7,200	11,109	35,663
Chester, Pa	8	40,765	2	1,300	37	12,126	12	20	5	6,840	22,639	53,112
Chicago, Ill	798	1,398,853	123	121,066	2,861	1,431,492	2,263	543	55	670,330	1,843,531	5,119,602
Cincinnati, Ohio	295	2,051,572	168	167,792	3,603	1,258,184	1,301	2,217	85	1,146,784	1,576,715	4,781,003
Cleveland, Ohio	117	455,477	51	52,565	943	347,661	515	426	2	276,227	410,193	1,261,012
Clinton, Iowa	12	24,775	------	------	30	11,990	22	3	5	6,131	17,308	45,425
Cohoes, N. Y	4	16,425	1	600	19	8,604	18	------	1	3,066	16,358	35,085
Columbus, Ohio	31	331,634	22	20,087	483	112,945	237	245	1	178,527	103,513	452,125
Council Bluffs, Iowa	15	15,090	------	------	38	16,015	30	------	8	9,413	20,692	60,022
Covington, Ky	15	44,697	4	2,725	37	14,629	32	------	5	10,151	23,520	66,283
Dallas, Tex	9	20,550	11	4,750	76	26,342	28	31	17	14,446	42,203	108,850
Davenport, Iowa	32	305,595	37	58,359	389	142,891	147	226	16	90,697	161,647	515,580
Dayton, Ohio	70	576,820	36	50,668	1,098	435,789	343	741	14	215,642	420,194	1,285,400
Decatur, Ill	19	44,169	3	2,000	55	27,398	50	------	5	14,766	26,717	96,505
Denver, Colo	38	123,935	22	19,200	238	162,335	205	31	2	46,363	155,887	475,494

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

TOBACCO, CIGARS AND CIGARETTES—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Des Moines, Iowa	14	$114,896	16	$13,300	146	$67,380	111	26	9	$28,386	$57,829	$190,247
Detroit, Mich	184	1,035,825	141	154,587	2,369	680,186	592	1,629	148	641,981	900,230	2,790,268
Dubuque, Iowa	15	85,607	4	3,048	149	30,772	22	117	10	21,614	57,935	129,836
Duluth, Minn	13	81,310	4	3,600	64	36,716	51	5	8	12,218	50,066	122,849
Easton, Pa	17	29,359			48	19,479	42	2	4	10,308	31,186	69,784
East St. Louis, Ill	4	3,645			9	3,595	8		1	2,166	6,811	17,653
Elgin, Ill	11	24,275			42	16,462	41		1	9,245	26,219	59,698
Elizabeth, N. J	7	12,235			7	3,384	7			3,321	5,605	17,764
Elmira, N. Y	27	96,467	10	7,514	118	45,321	87	30	1	25,727	62,452	171,584
Erie, Pa	26	82,096	2	1,275	90	45,054	80	1	9	19,289	61,878	155,705
Evansville, Ind	37	92,356	19	14,965	539	136,080	113	421	5	58,834	160,745	420,122
Fall River, Mass	4	10,110	1	832	12	6,065	12			3,157	10,932	23,796
Fitchburg, Mass	4	12,175			13	6,416	11	1	1	3,051	6,469	20,180
Fort Wayne, Ind	22	45,519	6	4,450	120	57,568	96	4	20	24,617	63,492	187,146
Fort Worth, Tex	3	26,817			38	22,434	30	6	2	6,402	17,927	61,533
Galveston, Tex	3	6,130			3	1,075	3			1,258	2,565	6,835
Gloucester, Mass	5	6,475			6	2,979	5	1		2,503	6,008	14,536
Grand Rapids, Mich	36	113,191	16	9,092	226	79,164	102	124		43,468	136,329	304,739
Hamilton, Ohio	12	11,390			22	10,242	20		2	6,479	15,602	42,224
Harrisburg, Pa	25	89,351	9	4,251	609	131,800	98	508	8	80,751	269,035	536,013
Hartford, Conn	25	233,783	3	2,850	235	138,432	190	45		45,760	164,333	391,584
Haverhill, Mass	3	2,435	1	800	6	4,500	6			1,828	3,708	11,960
Hoboken, N. J	36	54,799			44	22,852	39	5		12,094	33,729	96,619
Holyoke, Mass	10	34,967			41	24,890	35	5	1	9,005	28,516	73,149
Houston, Tex	3	6,190			15	4,593	9	4	2	2,094	5,720	15,650
Indianapolis, Ind	76	119,648	8	5,614	186	86,979	157	25	4	55,977	118,746	347,612
Jackson, Mich	7	16,087	1	250	25	8,429	18		7	8,436	16,572	41,312
Jacksonville, Fla	9	19,550	2	1,020	34	11,765	26	7	1	5,019	8,592	36,120
Jamestown, N. Y	7	8,775	1	624	15	7,209	14		1	3,529	6,960	22,200
Jersey City, N. J	78	133,378	1	1,000	105	49,785	92	9	4	38,063	96,010	236,874
Joliet, Ill	16	34,410			55	27,973	42	9	4	14,416	35,836	96,338
Joplin, Mo	7	6,110			40	21,422	32	4	4	7,127	23,123	61,991
Kalamazoo, Mich	13	84,304	6	5,828	161	96,868	140	20	1	16,032	124,295	283,144
Kansas City, Kans	10	10,370			8	4,586	8			4,649	9,440	27,470
Kansas City, Mo	30	51,708	12	9,381	112	61,074	94	13	5	26,740	80,358	224,303
Kingston, N. Y	11	54,025	3	2,600	39	18,024	33	1	5	8,293	19,105	59,248
Knoxville, Tenn	4	17,750	1	250	27	13,636	22		5	4,424	16,021	46,300
La Crosse, Wis	13	119,418	9	11,930	133	49,067	98	13	22	31,245	74,292	191,865
Lancaster, Pa	69	1,063,230	61	79,183	1,765	692,322	826	804	135	514,348	951,782	2,557,787
Lawrence, Mass	8	7,598			12	5,868	10	1	1	3,366	9,463	24,837
Leavenworth, Kans	17	34,325			20	6,581	16		4	7,378	13,411	35,694
Lewiston, Me	10	16,004	1	500	30	14,447	28	2		6,555	16,290	52,315
Lima, Ohio	7	88,191	11	15,580	320	88,925	75	245		46,160	138,824	306,699
Lincoln, Nebr	8	10,518	1	200	23	12,530	21	1	1	8,093	18,412	46,970
Los Angeles, Cal	13	24,402	1	1,100	35	22,317	30	4	1	7,519	18,216	59,005
Louisville, Ky	92	902,227	55	53,794	1,045	290,159	445	400	200	229,662	373,870	1,096,666
Lowell, Mass	4	113,900	3	2,469	27	13,660	21	5	1	5,082	16,257	40,785
Lynn, Mass	8	23,175	5	3,000	16	12,920	16			12,351	27,380	74,811
McKeesport, Pa	11	6,667			20	3,716	4	14	2	9,976	7,257	22,393
Manchester, N. H	15	102,150	1	650	187	96,469	144	42	1	29,086	226,992	400,538
Memphis, Tenn	6	31,550	1	2,160	78	46,839	78			19,056	65,689	150,555
Meriden, Conn	5	11,400	1	750	23	11,620	20		3	4,320	10,759	32,395
Milwaukee, Wis	232	446,238	27	27,315	647	262,714	465	160	22	137,877	382,012	1,091,449
Minneapolis, Minn	42	206,203	28	22,058	336	152,385	201	131	3	68,844	173,272	532,491
Mobile, Ala	11	92,050	16	12,330	145	70,640	144		1	24,108	66,475	200,000
Muncie, Ind	6	5,895			20	9,995	18	2		5,786	7,938	30,031
Muskegon, Mich	11	20,949	2	1,000	40	15,324	34	2	4	8,604	21,017	56,387
Nashua, N. H	6	11,034	2	500	39	23,521	38	1		6,731	17,003	56,838
Nashville, Tenn	10	14,130	2	1,040	22	8,796	18		4	5,349	16,306	43,764
New Albany, Ind	13	21,057			18	8,324	15		3	5,597	11,320	39,743
Newark, N. J	113	560,900	22	22,032	679	298,867	284	376	19	152,720	378,934	1,049,174
New Bedford, Mass	5	14,600	2	1,200	14	6,918	9	5		4,464	12,070	31,050
New Britain, Conn	6	14,555	2	1,300	29	14,494	25	4		5,434	12,426	44,801
New Brunswick, N. J	13	70,505	2	3,160	383	131,623	52	302	29	89,584	227,197	503,400
Newburg, N. Y	3	8,200			4	1,390	4			1,088	3,052	7,290
Newcastle, Pa	4	3,590			11	4,699	7	2	2	4,728	3,776	15,845
New Haven, Conn	36	159,625	3	3,400	313	183,310	243	68	2	60,440	229,446	558,423
New Orleans, La	27	502,518	26	47,520	1,176	402,934	797	376	3	210,620	499,411	1,388,305
Newport, Ky	23	25,536	1	700	70	20,768	47	23		16,312	19,540	71,614
New York, N. Y	1,841	15,669,371	937	1,191,016	20,519	8,875,832	11,634	8,830	55	8,128,984	13,820,706	37,998,261
Norfolk, Va	12	46,254	6	3,700	89	30,111	88	1		14,091	44,216	110,836
Norristown, Pa	10	263,480	9	14,516	598	168,537	128	421	49	125,356	225,783	562,073
North Adams, Mass	8	18,906			27	11,762	26		1	6,042	15,397	42,838
Oakland, Cal	12	19,237			16	8,516	16			5,906	13,332	40,471
Omaha, Nebr	28	53,102	3	2,176	100	43,386	78	20	2	22,716	77,675	180,984
Orange, N. J	6	23,545	1	348	22	10,361	18	3	1	4,726	13,008	36,328
Oshkosh, Wis	15	79,960	1	750	83	32,226	61	17	5	14,567	39,628	112,887
Oswego, N. Y	3	5,328			7	3,908	7			1,757	3,236	11,781
Passaic, N. J	7	5,375			7	3,793	7			2,458	7,247	17,577
Paterson, N. J	28	86,980	4	1,584	71	38,066	63		8	16,956	65,588	146,096

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

TOBACCO, CIGARS AND CIGARETTES—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Pawtucket, R. I	12	$35,156	4	$2,550	38	$20,650	30	8	-------	$9,069	$23,250	$68,471
Peoria, Ill	32	149,959	4	2,650	240	132,606	183	47	10	48,376	117,417	357,138
Petersburg, Va	4	6,275	-------	-------	8	3,325	8	-------	-------	1,327	4,129	11,755
Philadelphia, Pa	550	4,042,502	264	324,882	6,032	2,571,808	4,153	1,751	128	1,258,818	3,321,261	8,687,349
Pittsburg, Pa	147	714,730	61	45,081	1,365	460,789	474	790	101	708,689	871,666	1,757,499
Portland, Me	5	5,450	-------	-------	15	8,750	14	1	-------	2,234	9,115	23,450
Portland, Oreg	15	21,013	1	1,200	34	14,876	32	1	1	8,964	24,111	64,658
Poughkeepsie, N. Y	11	54,090	2	1,000	59	32,264	57	-------	2	12,978	32,701	109,166
Providence, R. I	15	57,650	9	8,450	86	24,379	40	46	-------	21,413	50,899	168,356
Pueblo, Colo	4	13,530	-------	-------	12	7,686	12	-------	-------	1,835	8,390	20,200
Quincy, Ill	24	43,692	1	750	57	22,395	49	-------	8	15,047	29,534	86,014
Racine, Wis	12	22,280	1	720	46	22,408	45	1	-------	11,187	37,054	84,594
Reading, Pa	76	750,497	62	53,078	1,107	421,775	526	540	41	260,252	784,094	1,683,466
Richmond, Va	22	521,839	106	184,472	2,293	491,176	435	1,746	112	2,368,974	1,021,703	4,389,745
Rochester, N. Y	57	597,533	48	97,726	720	225,745	310	384	26	1,301,108	881,199	3,040,331
Rockford, Ill	4	3,163	-------	-------	4	1,864	4	-------	-------	3,010	4,904	14,704
Sacramento, Cal	8	18,213	2	1,200	21	11,830	17	1	3	8,072	22,563	55,858
Saginaw, Mich	19	56,510	3	2,000	117	50,332	92	24	1	30,136	59,533	177,787
St. Joseph, Mo	17	27,715	1	780	65	28,790	50	4	11	12,924	27,705	86,495
St. Louis, Mo	341	578,309	47	37,756	867	424,152	729	64	74	208,319	639,148	1,656,363
St. Paul, Minn	60	513,471	52	52,480	562	239,977	387	158	17	130,547	335,446	865,567
Salem, Mass	3	4,235	-------	-------	3	900	-------	3	-------	1,120	3,122	7,485
Salt Lake City, Utah	8	28,828	-------	-------	47	28,983	36	5	6	9,977	38,602	93,895
San Antonio, Tex	5	10,075	-------	-------	22	8,831	5	15	2	6,620	11,953	34,395
San Francisco, Cal	105	504,236	37	48,518	977	350,005	843	127	7	227,838	541,619	1,365,790
San Jose, Cal	5	26,540	4	1,800	31	18,153	23	3	5	7,428	24,587	56,365
Savannah, Ga	7	7,505	-------	-------	14	5,317	14	-------	-------	3,838	5,782	18,894
Schenectady, N. Y	11	35,015	1	600	44	21,659	40	1	3	10,192	31,849	82,107
Scranton, Pa	24	84,785	8	4,868	108	42,291	58	40	10	26,223	69,025	161,665
Seattle, Wash	15	25,140	2	1,040	33	19,431	27	5	1	13,672	35,771	88,498
Sheboygan, Wis	12	19,837	-------	-------	25	7,924	21	4	-------	6,263	15,547	42,916
Shenandoah, Pa	3	2,500	-------	-------	6	3,334	6	-------	-------	2,312	4,978	14,864
Sioux City, Iowa	12	76,721	4	3,420	93	50,010	85	-------	8	26,258	62,327	170,842
Somerville, Mass	4	4,725	-------	-------	-------	-------	-------	-------	-------	1,155	2,181	4,641
South Bend, Ind	12	94,387	7	11,000	262	73,582	94	142	26	64,121	116,610	292,829
South Omaha, Nebr	6	3,455	-------	-------	8	3,400	7	1	-------	3,130	6,361	17,098
Spokane, Wash	3	4,800	-------	-------	15	6,810	12	3	-------	2,793	12,271	26,914
Springfield, Ill	20	40,173	3	1,600	86	34,368	73	-------	13	21,366	43,057	124,025
Springfield, Mass	19	247,024	6	8,760	266	159,902	163	103	-------	50,008	177,106	439,778
Springfield, Mo	9	13,476	1	50	23	10,148	17	-------	6	5,620	15,539	39,249
Springfield, Ohio	11	11,110	1	600	33	13,875	26	7	-------	9,920	32,217	69,446
Superior, Wis	7	19,448	-------	-------	45	27,847	34	8	3	8,611	28,106	78,145
Syracuse, N. Y	72	375,405	29	25,766	395	167,749	302	77	16	94,557	280,386	664,434
Tacoma, Wash	13	19,730	1	780	39	19,934	39	-------	-------	12,223	41,438	83,435
Taunton, Mass	7	12,695	-------	-------	14	6,607	10	4	-------	3,831	13,663	30,605
Terre Haute, Ind	20	28,766	1	675	34	14,042	29	1	4	10,468	26,907	71,465
Toledo, Ohio	50	75,570	5	3,040	127	57,743	110	17	-------	31,656	74,274	211,235
Topeka, Kans	16	28,460	4	2,664	53	28,544	49	12	2	14,802	32,283	97,001
Trenton, N. J	20	28,510	1	240	42	21,881	34	2	6	12,826	27,272	72,407
Troy, N. Y	41	144,003	7	3,881	238	110,853	213	1	24	43,645	131,299	344,010
Utica, N. Y	36	135,066	10	7,004	133	63,512	125	2	6	33,310	72,062	222,877
Waltham, Mass	3	12,220	-------	-------	10	4,660	9	1	-------	1,152	3,912	11,640
Washington, D. C	42	50,618	-------	-------	63	29,236	58	2	3	17,907	47,214	124,532
Waterbury, Conn	11	27,343	-------	-------	16	13,395	16	-------	-------	5,384	14,255	41,375
Watertown, N. Y	6	10,768	-------	-------	18	7,347	17	-------	1	3,533	7,060	21,718
West Hoboken, N. J	9	22,780	-------	-------	12	7,355	12	-------	-------	4,536	10,658	28,898
Wheeling, W. Va	35	246,592	17	11,722	665	261,942	543	85	37	269,715	185,438	828,992
Wichita, Kans	11	15,560	1	200	18	7,695	17	-------	1	6,544	11,516	39,153
Wilkesbarre, Pa	16	32,530	1	572	38	16,416	33	3	2	9,769	28,740	66,747
Williamsport, Pa	4	9,413	-------	-------	14	7,573	11	3	-------	3,087	10,422	24,600
Wilmington, Del	22	74,429	1	624	102	38,929	56	27	19	19,553	37,062	117,747
Worcester, Mass	16	49,052	5	5,012	84	47,363	66	14	4	17,480	47,348	142,200
Yonkers, N. Y	17	16,240	-------	-------	12	7,722	12	-------	-------	5,493	14,990	39,014
York, Pa	48	644,097	23	56,270	1,131	324,539	618	470	43	191,237	510,026	1,190,155
Youngstown, Ohio	9	15,455	-------	-------	24	12,519	20	4	-------	8,018	12,211	39,138
Zanesville, Ohio	12	6,961	5	2,340	41	11,853	28	13	-------	11,380	16,122	52,641
All other cities[1]	17	35,847	3	1,700	49	24,130	40	7	2	15,274	29,429	84,770

[1] Includes Brockton, Mass., 1; Columbia, S. C., 1; East Orange, N. J., 1; Everett, Mass., 1; Johnstown, Pa., 1; Lexington, Ky., 1; Little Rock, Ark., 1; Macon Ga., 2; Malden, Mass., 1; Montgomery, Ala., 1; Pittsfield, Mass., 2; Roanoke, Va., 2; Waco, Tex., 1; Woonsocket, R. I., 1.

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

TRUNKS AND VALISES.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Total	364	$6,401,733	662	$638,370	6,489	$2,615,944	5,640	489	360	$746,984	$5,533,925	$11,601,282
Baltimore, Md	13	53,593	7	3,300	56	22,109	44	-------	12	9,403	28,878	84,952
Bangor, Me	5	88,063	8	7,200	74	28,688	68	6	-------	4,215	59,439	118,275
Boston, Mass	11	119,989	13	11,097	115	57,972	101	13	1	16,332	136,899	292,392
Buffalo, N. Y	7	82,977	7	4,490	84	30,451	65	14	5	13,278	51,577	125,226
Chicago, Ill	19	680,289	72	83,772	759	369,413	623	64	72	48,060	493,139	1,194,813
Cincinnati, Ohio	9	169,181	13	12,600	158	65,714	154	1	3	10,718	151,539	274,084
Cleveland, Ohio	4	85,900	13	9,050	121	45,555	98	20	3	8,591	75,687	163,000
Columbus, Ohio	6	52,078	11	8,500	64	20,815	46	17	1	8,009	63,414	131,154
Denver, Colo	5	16,600	1	1,500	21	12,638	21	-------	-------	3,592	10,101	37,921
Detroit, Mich	3	88,301	14	13,466	103	40,057	83	16	4	11,148	98,281	208,455
Indianapolis, Ind	3	10,800	2	1,224	15	7,100	15	-------	-------	4,258	7,887	27,000
Kansas City, Mo	8	46,065	5	3,312	38	19,845	35	1	2	6,844	38,145	92,241
Los Angeles, Cal	3	17,674	1	800	19	8,339	19	-------	-------	6,630	11,480	36,683
Louisville, Ky	6	143,795	11	8,480	152	50,529	137	15	-------	25,406	98,396	232,308
Milwaukee, Wis	6	991,034	44	72,619	712	171,329	487	112	113	68,564	497,075	969,022
Minneapolis, Minn	3	19,825	5	3,000	20	12,182	20	-------	-------	4,038	16,389	38,688
Nashville, Tenn	3	23,918	7	5,442	40	8,844	37	1	2	2,750	17,547	40,409
Newark, N. J	14	500,044	23	29,369	467	243,762	433	27	7	48,540	479,388	904,501
New Orleans, La	6	34,987	6	4,400	40	20,956	34	-------	6	7,096	29,001	91,450
New York, N. Y	75	808,933	93	77,084	910	475,242	886	21	3	118,826	1,312,857	2,460,263
Petersburg, Va	4	140,650	54	35,173	510	127,016	487	10	13	16,304	248,414	468,754
Philadelphia, Pa	32	280,923	19	12,102	234	108,317	210	16	8	45,427	220,731	492,730
Pittsburg, Pa	3	15,917	2	850	12	5,680	12	-------	-------	1,607	7,260	19,890
Portland, Oreg	3	2,850	-------	-------	10	4,900	10	-------	-------	1,573	6,906	17,000
Providence, R. I	3	6,350	1	208	11	6,035	11	-------	-------	3,126	12,057	27,075
Racine, Wis	5	428,296	52	45,480	228	74,388	199	20	9	29,710	202,167	372,859
St. Louis, Mo	10	328,274	42	63,142	316	139,757	296	20	-------	63,059	232,430	605,235
St. Paul, Minn	3	47,500	5	4,000	34	15,000	34	-------	-------	8,239	38,990	91,000
Salt Lake City, Utah	3	21,200	3	1,416	9	3,450	5	-------	4	1,789	5,600	16,785
San Francisco, Cal	7	149,000	12	10,310	141	61,881	95	18	28	15,333	102,106	235,100
Savannah, Ga	3	4,950	-------	-------	11	4,100	11	-------	-------	1,915	11,380	22,220
Toledo, Ohio	3	34,800	11	9,200	62	20,280	55	5	2	9,415	53,280	98,500
All other cities[1]	78	906,977	105	95,784	943	333,600	809	72	62	123,189	715,485	1,611,297

[1] Includes Allegheny, Pa., 2; Atlanta, Ga., 2; Augusta, Ga., 1; Austin, Tex., 1; Birmingham, Ala., 2; Bloomington, Ill., 1; Burlington, Iowa, 1; Camden, N. J., 1; Chattanooga, Tenn., 2; Covington, Ky., 1; Dallas, Tex., 1; Davenport, Iowa, 1; Dayton, Ohio, 1; Decatur, Ill., 1; Des Moines, Iowa, 2; Dubuque, Iowa, 1; Duluth, Minn., 2; Evansville, Ind., 2; Galveston, Tex., 1; Grand Rapids, Mich., 2; Hartford, Conn., 1; Holyoke, Mass., 1; Houston, Tex., 1; Jersey City, N. J., 2; Knoxville, Tenn., 2; La Crosse, Wis., 1; Lincoln, Nebr., 1; Little Rock, Ark., 1; Lowell, Mass., 1; Manchester, N. H., 1; Memphis, Tenn., 2; Mobile, Ala., 1; New Haven, Conn., 1; Norfolk, Va., 2; Oakland, Cal., 1; Omaha, Nebr., 2; Oshkosh, Wis., 2; Peoria, Ill., 1; Portland, Me., 2; Pueblo, Colo., 1; Quincy, Ill., 1; Reading, Pa., 1; Richmond, Va., 1; Rochester, N. Y., 2; Sacramento, Cal., 1; St. Joseph, Mo., 1; San Antonio, Tex., 1; Seattle, Wash., 1; Sioux City, Iowa, 2; Springfield, Ill., 2; Springfield, Mo., 1; Somerville, Mass., 1; Syracuse, N. Y., 1; Tacoma, Wash., 1; Terre Haute, Ind., 1; Topeka, Kans., 1; Utica, N. Y., 2; Wichita, Kans., 1; Worcester, Mass., 1.

UMBRELLAS AND CANES.

Total	246	$4,393,339	557	$474,096	5,378	$1,796,159	2,098	3,038	242	$609,598	$8,248,712	$13,456,878
Baltimore, Md	10	390,592	83	60,510	398	109,172	110	288	-------	20,047	745,024	1,092,761
Boston, Mass	9	71,900	23	16,940	74	32,604	25	49	-------	7,977	158,275	259,320
Cincinnati, Ohio	7	44,700	13	7,048	45	15,332	15	30	-------	4,753	41,505	77,900
Cleveland, Ohio	5	34,440	6	2,860	34	10,885	7	27	-------	5,333	72,081	114,400
Dayton, Ohio	3	83,819	12	6,997	59	21,880	19	37	3	6,249	136,232	192,100
Detroit, Mich	4	36,475	8	5,728	74	16,338	23	51	-------	5,980	138,431	180,594
Lancaster, Pa	6	629,500	47	39,872	1,187	328,255	411	630	146	57,912	1,552,110	2,694,200
New York, N. Y	106	1,559,413	193	155,713	1,560	603,218	691	860	9	266,748	3,250,329	5,106,333
Philadelphia, Pa	36	1,245,056	135	157,745	1,628	550,374	579	976	73	198,216	1,879,852	3,145,446
Portland, Oreg	3	11,652	-------	-------	5	2,463	1	4	-------	2,763	19,500	28,619
St. Louis, Mo	7	49,705	4	2,191	17	5,573	3	8	6	5,655	30,995	58,785
San Francisco, Cal	3	5,325	-------	-------	6	3,874	4	2	-------	2,629	9,060	18,350
All other cities[1]	47	230,762	33	18,492	291	96,191	210	76	5	25,336	215,318	488,070

[1] Includes Albany, N. Y., 1; Bay City, Mich., 2; Bridgeport, Conn., 2; Buffalo, N. Y., 2; Canton, Ohio, 1; Charleston, S. C., 1; Chicago, Ill., 1; Denver, Colo., 1; Grand Rapids, Mich., 1; Harrisburg, Pa., 1; Hartford, Conn., 2; Jersey City, N. J., 1; Los Angeles, Cal., 2; Louisville, Ky., 1; Macon, Ga., 1; Memphis, Tenn., 1; Minneapolis, Minn., 1; Newark, N. J., 2; New Orleans, La., 2; Norfolk, Va., 1; Oakland, Cal., 1; Pittsburg, Pa., 1; Portland, Me., 1; Quincy, Ill., 1; Reading, Pa., 1; Rochester, N. Y., 1; St. Paul, Minn., 1; Seattle, Wash., 2; Syracuse, N. Y., 1; Tacoma, Wash., 2; Trenton, N. J., 1; Washington, D. C., 2; Williamsport, Pa., 1; Worcester, Mass., 2; York, Pa., 1; Zanesville, Ohio, 1.

WIREWORK, INCLUDING WIRE ROPE AND CABLE.

Total	382	$9,453,752	590	$583,883	5,959	$2,521,631	4,935	785	239	$634,762	$6,342,447	$12,003,027
Baltimore, Md	12	216,340	15	14,225	150	59,180	106	10	34	19,566	84,755	195,649
Boston, Mass	9	41,204	5	1,528	63	32,171	55	4	4	7,636	23,621	82,998
Bridgeport, Conn	4	245,549	8	11,301	55	22,257	51	4	-------	11,192	35,937	128,805
Buffalo, N. Y	8	153,781	5	4,792	113	35,098	68	33	12	14,685	90,232	179,549
Chicago, Ill	20	195,740	12	10,573	141	59,796	129	-------	12	31,351	154,285	333,357

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

WIREWORK, INCLUDING WIRE ROPE AND CABLE—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
Cincinnati, Ohio	7	$21,540	6	$2,640	27	$10,966	26		1	$3,915	$35,540	$66,550
Cleveland, Ohio	12	895,129	47	43,272	774	285,815	715	59		76,048	562,126	1,137,416
Columbus, Ohio	5	56,537	11	6,110	26	8,902	25	1		3,125	63,863	89,660
Denver, Colo	3	49,210	8	7,600	31	18,500	31			8,950	54,480	98,200
Detroit, Mich	10	197,857	13	16,390	217	64,244	132	56	29	18,799	95,799	228,704
Indianapolis, Ind	5	25,300	3	1,806	18	7,601	17	1		2,503	11,568	31,600
Kansas City, Mo	5	48,225	1	420	33	22,880	32		1	6,736	102,597	158,000
Los Angeles, Cal	3	3,925			6	3,836	6			627	4,499	12,420
Louisville, Ky	5	10,010	5	2,880	33	11,970	33			2,447	10,711	42,800
Lowell, Mass	4	40,100	5	4,896	67	27,166	58	1	8	3,419	30,170	89,283
Memphis, Tenn	4	5,943			18	7,740	18			1,310	17,872	36,600
Milwaukee, Wis	7	126,514	23	14,044	65	17,618	65			10,524	43,649	105,619
Newark, N. J	4	63,670	12	3,248	80	36,047	76	3	1	10,306	51,824	113,685
New Haven, Conn	5	165,263	12	17,560	175	58,417	142	31	2	15,554	136,142	245,832
New York, N. Y	65	768,853	60	64,432	573	282,244	507	64	2	82,449	445,116	1,090,498
Peoria, Ill	3	109,282	16	11,485	34	13,872	31	3		13,132	68,864	120,235
Philadelphia, Pa	26	338,464	19	17,132	330	130,338	239	55	36	11,901	199,842	496,056
Pittsburg, Pa	4	193,470	2	4,200	13	5,870	12		1	8,599	31,637	59,831
Providence, R. I	6	44,060	7	5,002	52	19,881	46	1	5	3,423	44,644	89,465
Richmond, Va	3	1,485			1	300	1			188	507	2,820
Rochester, N. Y	6	30,200	6	4,306	39	13,814	39			3,489	12,089	43,450
San Francisco, Cal	13	355,098	29	24,170	192	110,371	187		5	21,050	464,845	808,884
St. Louis, Mo	12	728,744	42	69,774	298	152,072	276		22	40,520	625,369	1,014,330
Toledo, Ohio	4	11,554	4	2,160	10	3,222	8	2		1,606	2,957	13,161
Washington, D. C	4	7,260	1	900	6	2,100	5		1	828	1,749	9,250
Wilkesbarre, Pa	3	1,281,822	19	19,740	239	124,181	239			32,910	610,346	810,031
Worcester, Mass	11	1,076,013	96	92,974	979	395,422	686	262	31	56,910	775,626	1,531,047
All other cities [1]	90	1,945,610	98	104,323	1,101	477,740	874	195	32	109,064	1,449,186	2,537,242

[1] Includes Albany, N. Y., 2; Allegheny, Pa., 1; Anderson, Ind., 2; Binghamton, N. Y., 2; Burlington, Iowa, 1; Cambridge, Mass., 1; Canton, Ohio, 2; Cedar Rapids, Iowa, 2; Chester, Pa., 1; Clinton, Iowa, 1; Council Bluffs, Iowa, 1; Covington, Ky., 2; Dallas, Tex., 1; Dayton, Ohio, 1; Decatur, Ill., 2; Des Moines, Iowa, 2; Dubuque, Iowa, 2; Elmira, N. Y., 1; Fall River, Mass., 1; Fitchburg, Mass., 1; Fort Worth, Tex., 1; Grand Rapids, Mich., 1; Hamilton, Ohio, 1; Hartford, Conn., 2; Hoboken, N. J., 1; Houston, Tex., 2; Jackson, Mich., 2; Jamestown, N. Y., 1; Joliet, Ill., 1; Lancaster, Pa., 1; Lexington, Ky., 1; Malden, Mass., 1; Minneapolis, Minn., 2; Nashville, Tenn., 1; Newcastle, Pa., 1; New Bedford, Mass., 1; Newburg, N. Y., 1; New Orleans, La., 1; Oakland, Cal., 1; Omaha, Nebr., 2; Paterson, N. J., 2; Pawtucket, R. I., 1; Portland, Me., 1; Portland, Oreg., 1; Quincy, Ill., 1; Racine, Wis., 1; Reading, Pa., 1; Rockford, Ill., 1; St. Joseph, Mo., 1; St. Paul, Minn., 2; San Jose, Cal., 2; Scranton, Pa., 1; Seattle, Wash., 1; Shenandoah, Pa., 1; Sioux City, Iowa, 1; South Bend, Ind., 1; Springfield, Mass., 2; Springfield, Ohio, 1; Syracuse, N. Y., 1; Taunton, Mass., 2; Trenton, N. J., 1; Troy, N. Y., 2; Waterbury, Conn., 1; Watertown, N. Y., 1; Wheeling, W. Va., 1; Wichita, Kans., 1; Williamsport, Pa., 1; Wilmington, Del., 1; York, Pa., 2.

WOOD, TURNED AND CARVED.

Total	560	$4,484,685	234	$214,851	4,982	$2,101,726	4,771	59	152	$342,709	$2,682,695	$6,670,193
Albany, N. Y	3	13,000			9	5,100	9			476	6,946	16,725
Baltimore, Md	7	29,950	4	2,512	23	8,952	22		1	1,296	16,718	42,575
Boston, Mass	28	183,340	15	14,600	102	59,050	102			15,277	75,490	203,357
Buffalo, N. Y	9	20,475			31	15,050	31			3,456	10,658	41,231
Cambridge, Mass	4	50,465	3	3,652	20	11,208	16	4		2,912	9,615	33,638
Canton, Ohio	3	8,840			14	5,003	14			164	302	7,525
Chicago, Ill	49	263,683	33	34,065	581	282,958	553	7	21	52,554	220,494	718,844
Cincinnati, Ohio	19	421,115	12	18,623	167	70,418	167			21,776	260,835	461,571
Cleveland, Ohio	11	39,670	3	1,450	63	34,882	62		1	4,057	19,618	91,730
Detroit, Mich	14	45,510	1	500	43	19,912	43			2,537	19,423	62,114
Fall River, Mass	3	130,293	2	3,136	124	48,884	121		3	9,005	71,736	168,082
Fitchburg, Mass	8	17,840	2	1,000	30	12,008	25		5	1,977	14,392	41,756
Gloucester, Mass	3	8,100			3	1,552	3			703	4,208	11,531
Grand Rapids, Mich	12	218,121	22	22,160	272	109,240	272			12,301	96,602	344,728
Hartford, Conn	3	6,350	1	800	6	4,600	6			879	6,056	15,755
Indianapolis, Ind	7	31,725	1	312	67	25,575	60	7		3,978	36,432	85,724
Jersey City, N. J	5	80,801	3	2,840	43	21,435	39		4	10,424	31,720	71,562
Lawrence, Mass	6	289,045	7	5,972	307	81,267	307			6,628	150,239	269,962
Los Angeles, Cal	8	5,040	2	676	11	5,664	10		1	2,201	2,256	15,460
Louisville, Ky	7	13,920			17	7,512	17			655	3,478	18,475
Lowell, Mass	4	158,163	3	2,580	259	69,764	250		9	6,507	73,821	169,230
Manchester, N. H	3	90,577	6	9,300	356	95,442	356			4,194	135,949	310,476
Milwaukee, Wis	5	8,155			3	1,502	3			677	3,597	10,433
Minneapolis, Minn	3	5,737			8	4,308	8			1,055	2,268	8,794
Newark, N. J	15	171,560	5	3,912	104	42,991	74	1	29	5,379	30,412	111,432
New York, N. Y	104	470,640	21	14,760	526	332,505	517	3	6	62,090	285,249	928,016
Orange, N. J	3	5,100			3	2,240	3			798	2,353	7,183
Oswego, N. Y	3	14,100			11	3,545	11			1,168	5,012	12,063
Paterson, N. J	8	65,174			54	22,700	54			2,406	18,132	57,252
Philadelphia, Pa	54	315,730	11	10,284	358	149,697	325		33	24,077	155,127	427,538
Pittsburg, Pa	3	3,190	2	700	2	858	2			578	1,470	7,935
Portland, Me	3	17,335			2	700	2			426	1,403	4,200
Portland, Oreg	5	6,852			3	2,629	3			430	3,216	12,115
Providence, R. I	6	51,200	1	850	28	9,600	28			2,215	52,262	68,280
Rochester, N. Y	9	28,550	1	1,200	29	18,830	28	1		2,507	13,664	53,798

TABLE 5.—STATISTICS OF 73 SELECTED INDUSTRIES IN 209 PRINCIPAL CITIES, BY CITIES: 1900—Continued.

WOOD, TURNED AND CARVED—Continued.

CITIES.	Number of establishments.	Capital.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.					Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
					Total.		Average number.					
			Number.	Salaries.	Average number.	Wages.	Men, 16 years and over.	Women, 16 years and over.	Children, under 16 years.			
St. Louis, Mo	13	$79,080	5	$6,720	88	$32,920	88			$7,906	$216,074	$302,830
San Francisco, Cal	15	17,715			26	14,324	24	1	1	3,886	10,891	46,530
Springfield, Mass	5	7,850			12	10,040	12			814	3,115	20,100
South Bend, Ind	3	97,844	8	9,400	78	30,295	78			5,280	42,694	102,500
Toledo, Ohio	3	3,550			4	1,780	4			244	849	4,300
Washington, D. C	8	27,245			41	24,760	41			4,132	20,267	72,604
Woonsocket, R. I	3	211,685	3	2,700	185	58,700	172		13	2,383	69,980	138,797
Worcester, Mass	4	4,325			4	1,988	4			613	3,108	8,811
All other cities[1]	69	746,045	57	40,147	865	339,338	805	35	25	49,688	474,564	1,062,631

[1] Includes Akron, Ohio, 2; Allegheny, Pa., 1; Auburn, N. Y., 2; Binghamton, N. Y., 1; Bridgeport, Conn., 2; Burlington, Iowa, 1; Camden, N. J., 1; Chattanooga, Tenn., 1; Columbus, Ohio, 2; Covington, Ky., 1; Davenport, Iowa, 1; Dayton, Ohio, 1; East St. Louis, Ill., 1; Elgin, Ill., 1; Elizabeth, N. J., 1; Fort Wayne, Ind., 1; Haverhill, Mass., 2; Hoboken, N. J., 1; Jamestown, N. Y., 1; Joliet, Ill., 1; Kalamazoo, Mich., 1; Kansas City, Mo., 2; Lewiston, Me., 2; Lima, Ohio, 2; Lynn, Mass., 1; Memphis, Tenn., 2; Meriden, Conn., 1; Muncie, Ind., 1; New Albany, Ind., 1; New Haven, Conn., 2; New Orleans, La., 2; Norristown, Pa., 1; Oakland, Cal., 2; Passaic, N. J., 1; Pawtucket, R. I., 1; Pittsfield, Mass., 1; Reading, Pa., 1; Rockford, Ill., 1; St. Joseph, Mo., 1; St. Paul, Minn., 1; Saginaw, Mich., 1; Salt Lake City, Utah, 2; Seattle, Wash., 1; Somerville, Mass., 1; Springfield, Mo., 1; Syracuse, N. Y., 2; Tacoma, Wash., 2; Trenton, N. J., 1; West Hoboken, N. J., 1; Wilkesbarre, Pa., 1; Williamsport, Pa., 1; Wilmington, N. C., 1; Yonkers, N. Y., 2.

WOOLEN GOODS.

Total	202	$40,591,118	778	$1,094,675	24,595	$8,872,423	13,225	9,721	1,649	$2,615,105	$26,901,719	$44,090,178
Chester, Pa	3	520,991	13	16,002	385	138,698	228	125	32	34,319	398,333	701,569
Holyoke, Mass	5	1,459,447	21	35,346	1,021	397,011	664	307	50	105,674	770,692	1,424,897
Lawrence, Mass	3	446,621	15	25,417	457	193,078	254	182	21	70,798	593,301	906,606
Lewiston, Me	3	515,661	8	7,580	270	95,563	191	79		54,580	242,594	441,123
Lowell, Mass	5	3,892,280	37	63,262	1,573	566,059	934	607	32	184,564	1,999,662	3,275,613
New York, N. Y	9	1,231,491	100	90,406	878	258,041	134	719	25	153,902	510,153	1,145,338
Norristown, Pa	4	540,881	11	14,054	465	158,222	253	180	32	32,451	385,858	690,879
Passaic, N. J	3	832,948	14	27,389	486	167,580	373	98	15	40,360	388,321	737,363
Philadelphia, Pa	93	12,874,265	216	252,655	9,438	3,622,765	5,102	3,579	757	1,098,240	11,751,088	18,340,012
Pittsfield, Mass	6	1,403,273	29	35,417	1,068	405,772	667	328	73	82,613	798,745	1,505,702
Providence, R. I	4	2,138,780	27	69,206	715	328,268	447	244	24	45,286	1,207,948	1,772,524
Woonsocket, R. I	3	1,004,695	6	16,300	233	96,848	205	28		26,514	550,972	785,677
Worcester, Mass	11	1,104,591	22	41,389	855	334,305	471	364	20	71,394	920,451	1,553,297
All other cities[1]	50	13,125,194	259	400,252	6,751	2,110,213	3,302	2,881	568	614,410	6,383,601	10,809,578

[1] Includes Amsterdam, N. Y., 1; Atlanta, Ga., 1; Auburn, N. Y., 2; Baltimore, Md., 1; Bangor, Me., 1; Canton, Ohio, 1; Chicago, Ill., 1; Cleveland, Ohio, 1; Columbus, Ohio, 1; Covington, Ky., 1; Davenport, Iowa, 1; Des Moines, Iowa, 1; Evansville, Ind., 1; Fitchburg, Mass., 2; Haverhill, Mass., 1; Indianapolis, Ind., 1; Jamestown, N. Y., 1; Knoxville, Tenn., 2; La Crosse, Wis., 1; Louisville, Ky., 2; Meriden, Conn., 1; Milwaukee, Wis., 1; Minneapolis, Minn., 1; Nashville, Tenn., 1; New Albany, Ind., 1; New Bedford, Mass., 1; Newburg, N. Y., 1; North Adams, Mass., 1; Oswego, N. Y., 1; Poughkeepsie, N. Y., 1; Racine, Wis., 1; Reading, Pa., 2; Rochester, N. Y., 1; Rockford, Ill., 1; St. Joseph, Mo., 1; San Francisco, Cal., 1; San Jose, Cal., 1; South Bend, Ind., 1; Springfield, Ill., 1; Trenton, N. J., 2; Waco, Tex., 1; Warwick, R. I., 1; Williamsport, Pa., 1; Zanesville, Ohio, 1.

WORSTED GOODS.

Total	103	$99,011,468	980	$1,730,990	42,204	$14,610,572	18,158	19,937	4,109	$5,094,773	$54,933,941	$86,810,195
Camden, N. J	5	2,693,062	13	23,204	958	241,416	232	566	160	201,940	1,406,369	2,090,994
Chester, Pa	3	454,494	5	11,250	369	146,517	120	209	40	52,289	607,416	916,369
Jamestown, N. Y	3	3,686,871	73	117,935	1,911	582,133	758	976	177	132,727	1,399,085	2,565,920
Lawrence, Mass	9	29,408,280	310	512,975	10,998	4,022,349	5,483	4,925	590	852,131	15,334,169	24,678,138
Lowell, Mass	3	781,644	14	18,459	923	315,709	358	495	70	83,981	803,184	1,413,652
Pawtucket, R. I	3	5,119,595	63	103,848	1,998	733,600	828	1,006	164	540,409	1,803,110	3,733,219
Philadelphia, Pa	36	14,079,859	138	200,954	7,407	2,429,603	2,799	3,300	1,308	1,408,925	10,518,700	16,242,250
Providence, R. I	11	19,367,409	131	293,744	7,967	2,813,014	3,573	3,407	987	830,812	11,087,271	16,603,252
Worcester, Mass	3	452,447	8	5,171	237	71,828	86	115	36	16,623	291,855	464,973
Woonsocket, R. I	9	2,433,844	29	48,497	1,170	457,032	596	534	40	117,976	1,853,436	2,773,830
All other cities[1]	18	20,533,963	196	394,953	8,266	2,797,371	3,325	4,404	537	856,960	9,829,346	15,327,598

[1] Includes Cleveland, Ohio, 1; Fitchburg, Mass., 2; Haverhill, Mass., 2; Holyoke, Mass., 1; Louisville, Ky., 1; Manchester, N. H., 1; Milwaukee, Wis., 2; Newton, Mass., 1; North Adams, Mass., 2; Passaic, N. J., 2; Pittsfield, Mass., 1; Trenton, N. J., 1; Utica, N. Y., 1.

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